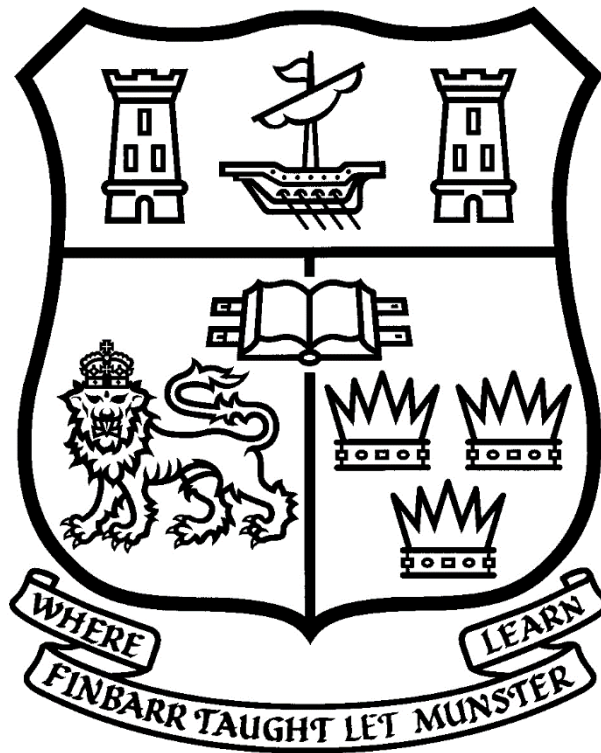


# UNIVERSITY COLLEGE CORK

Updated September 2020

---



## MARKS AND STANDARDS EXAMINATIONS 2020

**SCIENCE**

<b>GENERAL REGULATIONS GOVERNING ALL EXAMINATIONS</b>	5-6
<b>UNDERGRADUATE PROGRAMMES</b>	
<b>FIRST UNIVERSITY EXAMINATION IN SCIENCE</b>	7-8
<b>BIOLOGICAL SCIENCES</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	9
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	11
<b>BSC (HONS) DEGREE EXAMINATION</b>	13
<b>FOURTH UNIVERSITY EXAMINATION IN SCIENCE (ECOLOGY, ENVIRONMENTAL PLANT BIOTECHNOLOGY &amp; ZOOLOGY)</b>	16
<b>AGRICULTURAL SCIENCE</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	19
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	21
<b>BSC (HONS) DEGREE EXAMINATION</b>	23
<b>CIT/UCC JOINT BSC (HONS) IN BIOMEDICAL SCIENCE</b>	
<b>BIOMEDICAL SCIENCE</b>	25
<b>FIRST EXAMINATION IN SCIENCE</b>	28
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	30
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	32
<b>BSC (HONS) DEGREE EXAMINATION</b>	34
<b>CHEMISTRY</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	36
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	38
<b>BSC (HONS) DEGREE EXAMINATION</b>	40
<b>CHEMISTRY WITH FORENSIC SCIENCE</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	42
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	44
<b>BSC (HONS) DEGREE EXAMINATION</b>	46
<b>CHEMISTRY OF PHARMACEUTICAL COMPOUNDS</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	48
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	50
<b>BSC (HONS) DEGREE EXAMINATION</b>	52
<b>CHEMICAL PHYSICS</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	54
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	56
<b>BSC (HONS) DEGREE EXAMINATION</b>	57
<b>COMPUTER SCIENCE</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	59
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	61
<b>BSC (HONS) DEGREE EXAMINATION</b>	63
<b>COMPUTER SCIENCE (WEB SYSTEMS ENGINEERING)</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	66
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	68
<b>BSC (HONS) DEGREE EXAMINATION</b>	70
<b>COMPUTER SCIENCE (SOFTWARE ENTREPRENEURSHIP)</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	73
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	75
<b>BSC (HONS) DEGREE EXAMINATION</b>	77

<b>COMPUTER SCIENCE WITH CHINESE STUDIES</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>80</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>82</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>84</b>
<b>BSC (ORD) COMPUTER STUDIES – YEAR 1 AND 2</b>	<b>87</b>
<b>DATA SCIENCE AND ANALYTICS</b>	
<b>FIRST UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>89</b>
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>91</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>94</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>96</b>
<b>SCIENCE EDUCATION</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>99</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>101</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>103</b>
<b>BIOLOGICAL, EARTH &amp; ENVIRONMENTAL SCIENCE</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>106</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>108</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE (INTERNATIONAL FIELD GEOSCIENCES)</b>	<b>110</b>
<b>BSC (HONS) DEGREE EXAMINATION (ECOLOGY; APPLIED PLANT BIOLOGY;     ENVIRONMENTAL SCIENCE; GEOLOGY; INTERNATIONAL FIELD GEOSCIENCES;     ZOOLOGY</b>	<b>111</b>
<b>BSC (HONS) DEGREE EXAMINATION (EARTH SCIENCE; GEOGRAPHY)</b>	<b>113</b>
<b>GENETICS</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>115</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>117</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>119</b>
<b>FINANCIAL MATHEMATICS &amp; ACTUARIAL SCIENCE</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>121</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>123</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>125</b>
<b>RISK AND ACTUARIAL STUDIES</b>	
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>127</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>128</b>
<b>MATHEMATICAL SCIENCES</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>131</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>133</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>135</b>
<b>APPLIED MATHEMATICS &amp; PHYSICS OR MATHEMATICS &amp; PHYSICS – JOINT HONOURS</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>137</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>139</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>141</b>
<b>MATHEMATICAL SCIENCES AND PHYSICS – JOINT HONOURS</b>	<b>143</b>
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>145</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>147</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	

<b>PHYSICS</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>149</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>151</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>153</b>
<b>ASTROPHYSICS</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>155</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>157</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>159</b>
<b>MATHEMATICAL SCIENCES AND PHYSICS – JOINT HONOURS</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>143</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>145</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>147</b>
<b>APPLIED MATHEMATICS AND PHYSICS OR MATHEMATICS &amp; PHYSICS – JOINT HONOURS</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>137</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>139</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>141</b>
<b>UCC/CIT JOINT BSC (HONS) DEGREE INDUSTRIAL PHYSICS</b>	
<b>FIRST UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>161</b>
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>162</b>
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	<b>164</b>
<b>BSC (HONS) DEGREE EXAMINATION</b>	<b>166</b>
<b>BSC (HONS) DEGREE EXAMINATION (INTERCALATED)</b>	<b>168</b>
<b>DIPLOMAS</b>	
<b>COMPUTER STUDIES</b>	<b>170</b>
<b>STATISTICAL STUDIES</b>	<b>171</b>
<b>BIOLOGICAL SCIENCES</b>	<b>172</b>
<b>ENVIRONMENTAL AND GEOLOGICAL SCIENCES</b>	<b>174</b>
<b>POSTGRADUATE PROGRAMMES</b>	
<b>MSC QUALIFYING EXAMINATION</b>	<b>176</b>
<b>MSC DEGREE EXAMINATIONS</b>	<b>176</b>
<b>BIOCHEMISTRY &amp; CELL BIOLOGY</b>	
<b>MSC BIOTECHNOLOGY</b>	<b>178</b>
<b>MSC MOLECULAR CELL BIOLOGY WITH BIOINNOVATION</b>	<b>180</b>
<b>MRES BIOCHEMISTRY</b>	<b>183</b>
<b>BIOLOGICAL, EARTH &amp; ENVIRONMENTAL SCIENCES</b>	
<b>POSTGRADUATE CERTIFICATE IN MARINE BIOLOGY</b>	<b>184</b>
<b>POSTGRADUATE DIPLOMA IN FRESHWATER QUALITY MONITORING AND ASSESSMENT YEAR 1</b>	<b>185</b>
<b>POSTGRADUATE DIPLOMA IN FRESHWATER QUALITY MONITORING AND ASSESSMENT YEAR 2</b>	<b>187</b>
<b>MSC IN FRESHWATER QUALITY MONITORING AND ASSESSMENT YEAR 1</b>	<b>189</b>
<b>MSC IN FRESHWATER QUALITY MONITORING AND ASSESSMENT YEAR 2</b>	<b>191</b>
<b>MSC IN FRESHWATER QUALITY MONITORING AND ASSESSMENT YEAR 3</b>	<b>193</b>
<b>MSC MARINE BIOLOGY</b>	<b>194</b>
<b>MSC APPLIED ENVIRONMENTAL GEOLOGY</b>	<b>196</b>
<b>MRES IN PLANT BIOLOGY/GEOLOGICAL SCIENCES/ENVIRONMENTAL SCIENCES/ANIMAL BEHAVIOUR AND WELFARE</b>	<b>198</b>

<b>CHEMISTRY</b>	
POSTGRADUATE DIPLOMA IN ANALYTICAL CHEMISTRY	199
MSC ANALYTICAL CHEMISTRY	199
MSC ENVIRONMENTAL ANALYTICAL CHEMISTRY	199
MSC PHARMACEUTICAL ANALYSIS	199
<b>COMPUTER SCIENCE AND INFORMATION TECHNOLOGY</b>	
HIGHER DIPLOMA IN APPLIED COMPUTING TECHNOLOGY (FULL TIME)	202
HIGHER DIPLOMA IN APPLIED COMPUTING TECHNOLOGY (PART TIME)	204
MSC COMPUTING SCIENCE	207
POSTGRADUATE DIPLOMA IN DATA SCIENCE AND ANALYTICS	209
MSC DATA SCIENCE AND ANALYTICS	210
POSTGRADUATE DIPLOMA IN INTERACTIVE MEDIA	212
MSC INTERACTIVE MEDIA	213
<b>MATHEMATICAL SCIENCES</b>	
HIGHER DIPLOMA IN STATISTICS (FULL-TIME)	215
HIGHER DIPLOMA IN STATISTICS (PART-TIME)	216
MSC QUALIFYING EXAMINATION (MATHEMATICS)	217
MSC ACTUARIAL SCIENCE	218
MSC IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING	220
MSC IN MATHEMATICAL MODELLING AND SELF LEARNING SYSTEMS	222
MSC DATA SCIENCE AND ANALYTICS	210
MSC FINANCIAL AND COMPUTATIONAL MATHEMATICS	224
<b>MICROBIOLOGY</b>	
MSC BIOINFORMATICS AND COMPUTATIONAL BIOLOGY	227
<b>PHD</b>	
PHD (CANCER BIOLOGY)	229
PHD (MOLECULAR BIOLOGY)	231
PHD (MICROBIAL BIOTECHNOLOGY)	233

## GENERAL REGULATIONS GOVERNING ALL EXAMINATIONS

**Written Examinations** will be held at the end of each Semester. **Semester 1** Written Examinations will take place in December (Winter); **Semester 2** Written Examinations will take place in April/May (Summer). Written Examinations for programmes with placement will normally take place in March/April (Spring). Written Examinations for **Semester 3** will take place in August (Autumn).

**Publication of Results:** Provisional module marks and results for Semester 1 will be released to students in February subject to approval of the External Examiner(s), the Examination Board and Academic Board. Programme results for Semesters 1 and 2, once approved by the Spring/Summer Examination Boards, will be released provisionally to students and are subject to Academic Board approval in June. Provisional results for Semester 3, once approved by the Winter Examination Boards, will be released provisionally to students and are subject to Academic Board approval in December.

**Awarding of Credits:** Where a student passes the year according to the Pass and Progression Rules he/she shall be awarded credits (e.g. 60 credits in the case of an undergraduate degree programme).

**Absence from an Examination in a Module:**

- Registration at the beginning of an academic year constitutes entry for Examinations.
- A student who is prevented for medical reasons or other personal circumstances from attending all or part of the Examination, and who has not withdrawn from the programme, should submit to the Registrar and Senior Vice-President for Academic Affairs a full report (including a medical certificate) or a full report

setting out the other personal circumstances as soon as possible and not more than three days following his/her last Examination, for consideration by the Board of Examiners. Students who are pregnant may defer the entire examination to the Autumn.

□ Where a student fails to present for an End of Semester Examination in a module, a judgement of "Absent" is recorded for that module. "Absent" is counted as an attempt at an examination. Where a module is examined by a combination of Continuous Assessment and End of Semester Written Examination, and the student does not present for the End of Semester Examination, an "Absent" judgement is recorded. The mark recorded for the module is then based on the mark for Continuous Assessment and a zero mark for the written component, using the rules for obtaining the overall module mark which pertain to the module in question. Where a module is assessed wholly by Continuous Assessment, and the student presents no work, a "Presented No Work" judgement is recorded.

**Supplemental Examinations:** Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Supplemental Examinations for Semester 3 will be held in December (Winter). Please refer to the Book of Modules ([www.ucc.ie/academic/modules/](http://www.ucc.ie/academic/modules/)) for requirements governing the Supplemental Examination for individual modules. Note: for some modules there is no Supplemental Examination.

A student who fails his/her End of Semester Examination(s), or who fails to present, will be automatically entered for the Autumn Supplemental Examination, unless debarred by the Examination Board. A student who is not so debarred must inform the Student Records and Examinations Office, in writing, before the end of July if he/she does not intend sitting the Supplemental Examination. Where a student fails to inform the Student Records and Examinations Office of his/her intention not to sit the Supplemental Examination, a judgement of "Absent" is recorded for module(s). "Absent" is counted as an attempt at an examination.

**Repeat Year Arrangements:** Students repeating the year will repeat under the current regulations (i.e. the regulations outlined in this Marks and Standards 2015 Book).

**Application for Waiver of Capping of Marks:** The requirement for the **capping of marks** awarded for a module at a Supplemental Examination or, where applicable, Repeat Year Examination may be waived under certain specified circumstances (see 'Guide to Examinations' for details at <http://www.ucc.ie/admin/registrar/marksandstandards/>)

The procedures include the following specific regulations:

- Guide to Examinations for Students
- Guide to Examinations for Staff
- Examination Regulations
- Procedure in Examination Halls
- Appeal Regulations and Application Form
- Re-check Regulations and Application Form
- Mitigation Regulations and Application Form
- UCC Plagiarism Policy
- Deferral of Written Examinations: Pregnant Students

## UNDERGRADUATE PROGRAMMES

	<b>BSc (Hons) DEGREE</b>
	<b>FIRST UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/calendar/science/sci002.html">http://www.ucc.ie/calendar/science/sci002.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module;. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	<p>To pass First Year and progress to Second Year, a candidate <u>must</u>:</p> <p>(i) obtain an overall aggregate pass of 40% (i.e. 480/1200 marks) across all modules</p> <p>(ii) For <b>CK401 Computer Science CK401 (Single Honours) and Computer Science</b> pass modules to the value of at least 45 credits</p> <p>For <b>CK402 Biological and Chemical Sciences</b> pass modules to the value of at least <b>50</b> credits <b>NOTE:</b> To progress to Second Year Chemistry degree programmes, students must pass the modules <b>CM1200 and CM1201</b></p> <p>For <b>CK404 Biological, Earth and Environmental Sciences</b> pass modules to the value of at least 45 credits.</p> <p><b>NOTE: to progress to Second year International Field Geosciences degree programme, students must pass the modules GL1001, GL1004, MA1001, CM1003 and PY1009</b></p> <p>For <b>CK405 Genetics</b> pass modules to the value of at least 50 credits.</p> <p>For <b>CK406 Chemical Sciences</b> pass modules to the value of at least 50 credits. <b>NOTE:</b> To progress to Second Year Chemistry degree programmes, students must pass the modules <b>CM1200 and CM1201</b></p> <p>For <b>CK407 Mathematical Sciences</b> pass modules to the value of at least 50 credits.</p> <p>For <b>CK408 Physics and Astrophysics</b> pass modules to the value of at least 50 credits. <b>Note:</b> To progress to Second Year Physics degree programmes, students must pass the modules PY1052 and PY1053.</p> <p>obtain a mark of not less than 30% in any remaining module(s).</p> <p>For CK412 Pass modules to the value of at least 45 credits</p>
<b>Honours:</b>	Honours grades will not be awarded in the First University Examination in Science, for CK401, CK404, CK406, CK407 CK408. Or CK412

	<b>BSc (Hons) DEGREE</b>
	<b>FIRST UNIVERSITY EXAMINATION in SCIENCE</b>
	<p>For CK402 Biological and Chemical Sciences and CK405 Genetics, students are eligible for the award of honours on the aggregate mark for the year over the Winter, Summer and Autumn Supplemental Examinations, provided the student has passed the year.</p> <p>Honours Standard for the year shall be determined as follows:            First Class Honours: An aggregate of at least 840/1200 marks (i.e. 70% and above)            Second Class Honours Grade I: An aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)            Second Class Honours Grade II: An aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)            Third Class: aggregate of at least 540/1200 marks (i.e.45%), and above but less than 50%)</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years (or 2 in the case of Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>• Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>• Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>• Students who fail to achieve the pass standard for the year at the Summer Examination board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>• The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>• Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	Students repeating the year retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year.</i>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for First Year, otherwise they cannot continue in the programme.



	<b>BIOLOGICAL SCIENCES</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/calendar/science/sci003.html">http://www.ucc.ie/calendar/science/sci003.html</a>
<b>Marks Maxima:</b>	100 per five-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Students are eligible for the award of honours on the aggregate mark for the year over the Winter, Summer and Autumn Supplemental Examinations, provided the student has passed the year.  Honours Standard for the year shall be determined as follows: First Class Honours: An aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: An aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: An aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class: aggregate of at least 540/1200 marks (i.e.45%), and above but less than 50%).  Honours are awarded in <b>individual modules</b> as follows: <b>First Class Honours:</b> 70% - 100% (i.e. at least 70% of the total marks for the module) <b>Second Class Honours Grade I:</b> 60% - 69% (i.e. at least 60% of the total marks for the module) <b>Second Class Honours Grade II:</b> 50% - 59% (i.e. at least 50% of the total marks for the module) <b>Third Class Honours:</b> 45- 49% (i.e. at least 45% of the total marks for the module)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the</li> </ul>

	<b>BIOLOGICAL SCIENCES</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year.</i></p>
<b>Three Year Rule:</b>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.</p>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> in <u>one</u> of the Degree Outlets as follows: Biochemistry, Microbiology, Neuroscience, Physiology, Biotechnology, Applied Plant Biology. <b>See</b> <a href="http://www.ucc.ie/academic/calendar/science/sci003.html">http://www.ucc.ie/academic/calendar/science/sci003.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) obtain a pass in modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s). Note: Students who pass the Third University Examination in Science – Biological Sciences and qualify to proceed to the final year may opt instead to be conferred with a BSc Ordinary degree.
<b>Honours:</b>	Students are eligible for the award of honours on the aggregate mark for the year over the Winter, Summer and Autumn Supplemental Examinations, provided the student has passed the year.  Honours Standard for the year shall be determined as follows: First Class Honours: An aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: An aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: An aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class: aggregate of at least 540/1200 marks (i.e.45%), and above but less than 50%) Honours are awarded in <b>individual modules</b> as follows: <b>First Class Honours:</b> 70% - 100% (i.e. at least 70% of the total marks for the module) <b>Second Class Honours Grade I:</b> 60% - 69% (i.e. at least 60% of the total marks for the module) <b>Second Class Honours Grade II:</b> 50% - 59% (i.e. at least 50% of the total marks for the module) <b>Third Class Honours:</b> 45- 49% (i.e. at least 45% of the total marks for the module)  Note: for the BSc in Applied Plant Biology honours are not awarded in individual modules.
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) and (ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science.

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	<p><b>Note:</b> for the BSc Physiology Honours Degree, and the BSc Neuroscience Honours Degree the degree result is awarded on the aggregate mark in the fourth year research project (20 credits) and the best marks from modules to the value of 85 credits out of the remaining 100 credits taken in Third and Fourth Science.</p> <p><b>Note:</b> for the BSc Biotechnology degree the degree result is awarded on the aggregate mark in the fourth year research project (10 credits) and the best marks from modules to the value of 85 credits out of the remaining 100 credits taken in Third and Fourth Science (not including the placement)</p> <p><b>Note:</b> For the BSc in Biochemistry marks for the year/semester abroad will be translated into UCC equivalent marks using standard mechanisms and presented to an Autumn Examination Board. The marks achieved during a year/semester abroad will be included in the process used for calculation of the final degree.</p> <p><b>Note:</b> For the BSc in Neuroscience students having spent the third year of the programme abroad, the degree result is awarded on the aggregate mark from modules in the fourth year only</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the <i>first Repeat Year only</i>. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the</p>

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	<p>student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.

BSc (HONS) DEGREE EXAMINATION	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	<p>Students take modules from their Degree Outlets continued from Third Year to the value of <b>60 credits</b> as follows:</p> <p><b>Taught modules</b> amounting to 45 credits <u>and</u> a <b>Research Project</b> amounting to 15 credits.</p> <p><b>Note: the 4<sup>th</sup> year BSc Physiology (Hons) Degree Programme and the BSc Neuroscience (Hons) Degree Programme consists of 40 credits of taught modules and a 20 credit Research Project module.</b></p> <p><b>Note: the 4<sup>th</sup> year BSc Biotechnology (Hons) Degree Programme consists of 40 credits of taught modules, a 10 credit placement module and a 10 credit Research Project module</b></p> <p>See <a href="http://www.ucc.ie/academic/calendar/science/sci003.html">http://www.ucc.ie/academic/calendar/science/sci003.html</a></p>
<b>Marks Maxima:</b>	<p>100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module; 400 per twenty credit module. Total Marks: 1200.</p> <p><b>Note: for the BSc Biotechnology the placement module is assessed as PASS/FAIL therefore the total marks available in Year 4 = 1000</b></p>
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass and Progression Standard (programme level):</b>	<p>To pass Fourth Year, a candidate <u>must</u>:</p> <p>(i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules            (ii) pass the Fourth Science Research Project            (iii) obtain a pass in modules to the value of at least 50 credits (including the Research Project)                  (iii) obtain a mark of not less than 30% in any remaining module(s).</p> <p><b>Note: for the BSc Biotechnology degree candidates must (i) obtain an aggregate mark of 400/1000 (40%) across all modules; (ii) pass the Fourth Year Science Research project; (iii) obtain a pass in modules to the value of at least 40 credits (not including the placement) ; (iv) obtain a mark of not less than 30% in any remaining modules; (v) obtain a pass grade in the placement module (BT 4001)</b></p>
<b>Honours:</b>	The Fourth Science Research Project <u>must</u> be passed to qualify for the award of a BSc (Hons) degree. The class of the degree is determined by the following <b>Profiling Mechanism:</b>

	<p>To achieve a grade of award, this aggregate must reach or exceed the borderline for the grade or be within the range indicated with at least half of the credits evaluated being attained in or above the grade of award.</p> <p>First Class: aggregate of at least 1470/2100 marks (i.e. 70%), or at least 1428/2100 (68%), with at least 55 credits attained with marks of 70% or above.</p> <p>Second Class Grade I: aggregate of at least 1260/2100 marks (i.e. 60%), or at least 1218/2100 (58%), with at least 55 credits attained with marks of 60% or above.</p> <p>Second Class Grade II: aggregate of at least 1050/2100 marks (i.e. 50%), or at least 1008/2100 (48%), with at least 55 credits attained with marks of 50% or above.</p> <p>Third Class: aggregate of at least 945/2100 marks (i.e.45%), or at least 903/2100 (43%), with at least 55 credits attained with marks of 45% or above.</p> <p><b>For BSc Biotechnology:</b></p> <p><b>First Class: aggregate of at least 1330/1900 marks (i.e. 70%), or at least 1292/1900 (68%), with at least 50 credits attained with marks of 70% or above.</b></p> <p><b>Second Class Grade I: aggregate of at least 1140/1900 marks (i.e. 60%), or at least 1102/1900 (58%), with at least 50 credits attained with marks of 60% or above.</b></p> <p><b>Second Class Grade II: aggregate of at least 950/1900 marks (i.e. 50%), or at least 912/1900 (48%), with at least 50 credits attained with marks of 50% or above.</b></p> <p><b>Third Class: aggregate of at least 855/1900 marks (i.e. 45%), or at least 817/1900 (43%), with at least 50 credits attained with marks of 45% or above.</b></p> <p>Honours are awarded in <b>individual modules</b> as follows:</p> <p><b>First Class Honours:</b> 70% - 100% (i.e. at least 70% of the total marks for the module)</p> <p><b>Second Class Honours Grade I:</b> 60% - 69% (i.e. at least 60% of the total marks for the module)</p> <p><b>Second Class Honours Grade II:</b> 50% - 59% (i.e. at least 50% of the total marks for the module)</p> <p><b>Third Class Honours:</b> 45- 49% (i.e. at least 45% of the total marks for the module)</p>
<p><b>Carrying Forward of Marks Towards the Final Degree Award:</b></p>	<p>The Degree result is awarded on the aggregate mark of</p> <p>(i) The Fourth Year Research Project and</p> <p>(ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science.</p> <p><b>Note: for the BSc Physiology Honours Degree, and the BSc Neuroscience Honours Degree the degree result is awarded on the aggregate mark in the fourth year research project (20 credits) and the best marks from modules to the value of 85 credits out of the remaining 100 credits taken in Third and Fourth Science.</b></p> <p><b>Note: for the BSc Biotechnology degree the degree result is awarded on the aggregate mark in the fourth year research project (10 credits) and the best marks from modules to the value of 85 credits out of the remaining 100 credits taken in Third and Fourth Science (not including the placement)</b></p>

	<p><b>Note: for the BSc Biochemistry Honours degree the marks achieved during a year/semester abroad will be included in the process used for calculation of the final degree.</b></p> <p><b>Note: for the BSc in Neuroscience students having spent the third year of the programme abroad, the degree result is awarded on the aggregate mark from modules in the fourth year only.</b></p>
<b>Exemptions:</b>	<p>All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.</p>
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul> <p>Note: for the BSc Biotechnology if a student gets a FAIL grade in BT4001 (the work placement module) then the student will have the opportunity to repeat this module after the BSc (Hons) Biotechnology Degree examination has been completed. Students may not graduate until BT4001 has been passed.</p>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the <u>first Repeat Year only</u>. <u>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the</p>

	<p>student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	<p>Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.</p>



<b>BSc (HONS) DEGREE EXAMINATION in Ecology, Applied Plant Biology and Zoology</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules from their Degree Outlets continued from Third Year to the value of <b>60 credits</b> as follows: <b>Taught modules</b> amounting to 45 credits <u>and</u> a <b>Research Project</b> amounting to 15 credits. See <a href="http://www.ucc.ie/academic/calendar/science/sci003.html">http://www.ucc.ie/academic/calendar/science/sci003.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass the Fourth Science Research Project (15 credits) (iii) obtain a pass in modules to the value of at least 50 credits (including the Research Project) (iv) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	The Fourth Science Research Project <u>must</u> be passed to qualify for the award of a BSc (Hons) degree.  The class of degree is determined by the following mechanism and to achieve a grade of award, this aggregate must reach or exceed the borderline for the grade:  First Class: aggregate of at least 840/1200 marks (i.e. 70%)  Second Class Grade I: aggregate of at least 720 / 1200 marks (i.e. 60%)  Second Class Grade II: aggregate of at least 600 / 1200 marks (i.e. 50%)  Third Class: aggregate of at least 540 / 1200 marks (i.e. 45%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate mark of (i) 30% of the aggregate mark of all modules taken in the Third Examination in Science <u>and</u> (ii) 70% of the aggregate mark of all modules taken in the BSc Honours degree Examination
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examinations must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> </ul>

<b>BSc (HONS) DEGREE EXAMINATION in Ecology, Applied Plant Biology and Zoology</b>	
	<p>o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</p>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. <u>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	<p>Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.</p>

	<b>AGRICULTURAL SCIENCE</b>
	<b>SECOND UNIVERSITY EXAMINATION in AGRICULTURAL SCIENCE</b>
<b>Time:</b>	To be confirmed
<b>Modules:</b>	To be confirmed
<b>Marks Maxima:</b>	To be confirmed
<b>Distribution of Marks:</b>	To be confirmed
<b>Pass Standard (module level):</b>	To be confirmed
<b>Pass and Progression Standard (programme level):</b>	To be confirmed
<b>Honours:</b>	To be confirmed
<b>Exemptions:</b>	To be confirmed
<b>Supplemental Examinations:</b>	To be confirmed

<b>Repeat Year Examinations:</b>	To be confirmed
<b>Three Year Rule:</b>	To be confirmed

<b>THIRD UNIVERSITY EXAMINATION in AGRICULTURAL SCIENCE</b>	
<b>Time:</b>	Written Examinations will be held in Winter and Spring. Marks for all modules including those wholly assessed by CA will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination Board, there will be a supplemental Examination in Autumn with an Autumn Examination Board. Results of the work placement module (AG3001) are determined by a special Winter Examination Board convened following completion of the module
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> . See: <a href="http://www.ucc.ie/academic/calendar/science/sci007.html">http://www.ucc.ie/academic/calendar/science/sci007.html</a>
<b>Marks Maxima:</b>	100 per five-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 400/1000 marks (40%) across all modules (ii) pass modules to the value of 40 credits excluding AG3001 (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Students are eligible for the award of honours on the aggregate mark for the year over the Winter, Summer and Autumn Supplemental Examinations, provided the student has passed the year. <b>First Class Honours:</b> an aggregate of at least 700/1000 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 450/1000 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate of (i) 30% of the aggregate mark of all modules taken in the Third Examination in Agricultural Science <u>and</u> (ii) 70% of the aggregate mark of all modules taken in the BSc Honours degree Examination (ii) Pass module AG3001
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> </ul>

<b>THIRD UNIVERSITY EXAMINATION in AGRICULTURAL SCIENCE</b>	
	<ul style="list-style-type: none"> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p> <p>If Work Placement (AG3001) is failed, a student can elect to re-take it in a repeat year or after the BSc (Hons) Degree Examination has been completed. No student may graduate until either AG4001 or AG3001 have been passed</p>
<b>Three Year Rule:</b>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.</p>

<b>BSc (Hons) DEGREE EXAMINATION IN AGRICULTURAL SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> as follows: See <a href="http://www.ucc.ie/academic/calendar/science/sci003.html">http://www.ucc.ie/academic/calendar/science/sci003.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. 400 per twenty-credit module Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including Written Examination Profiles) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> :  Obtain an overall aggregate pass of 480/1200 mark (40%) across all modules Obtain a pass in modules to the value of 50 Credits including the fourth year 5 credit Research Project (AG4001) Obtain a mark of not less than 30% in any remaining module(s) Have obtained a pass in the third year work placement module AG3001
<b>Honours:</b>	The Fourth Science Research Project and Internship module <u>must</u> be passed to qualify for the award of a BSc (Hons) degree. The class of degree is determined by the following mechanism and to achieve a grade of award, this aggregate must reach or exceed the borderline for the grade:  First Class: aggregate of at least 1330/1900 marks (i.e. 70%)  Second Class Grade I: aggregate of at least 1140/1900 marks (i.e. 60%)  Second Class Grade II: aggregate of at least 950/1900 marks (i.e. 50%)  Third Class: aggregate of at least 855/1900 marks (i.e. 45%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate mark of (i) 30% of the aggregate mark of all modules taken in the Third Examination in Agricultural Science <u>and</u> (ii) 70% of the aggregate mark of all modules taken in the BSc Honours degree Examination (iii) pass the Fourth Science Research Project (5 credits) and Internship module AG3001 (5 credits)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the</li> </ul>

<b>BSc (Hons) DEGREE EXAMINATION IN AGRICULTURAL SCIENCE</b>	
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record. Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the <u>first Repeat Year only</u>. <u>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examinations of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p> <p>If Work Placement (AG3001) is failed, a student can elect to re-take it in a repeat year or after the BSc (Hons) Degree Examination has been completed. No student may graduate until either AG4001 or AG3001 have been passed</p>
<b>Three Year Rule:</b>	<p>Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.</p>



## CIT/UCC JOINT BSC (HONS) IN BIOMEDICAL SCIENCE

### PROGRAMME MARKS AND STANDARDS

#### APPLICABILITY AND INTERPRETATION

These are the Marks and Standards jointly adopted by Cork Institute of Technology (CIT) and University College Cork (UCC) for the BSc (Hons) in Biomedical Science delivered jointly by CIT and UCC. They shall remain in force, as the rules governing the operation of all assessments and examination boards relating to this joint programme, until such time as they are altered by way of amendment or replacement by formal joint decision of CIT and UCC.

All candidates and examiners are required to familiarise themselves with these Marks and Standards.

The provisions of these Marks and Standards take precedence for the programmes listed in Appendix 1 over any other Marks and Standards of either CIT or UCC.

In cases where an Examination Board requests interpretation of these Marks and Standards, the issue shall be referred by the Chairperson of the Board for determination by the Joint Academic Standards Board subsequently ratified by the of the Academic Board of UCC and the Academic Council of CIT. Such determination shall be guided by good practice and the principles of fairness and consistency as operated in UCC, CIT and in higher education generally.

#### GLOSSARY OF TERMS

**Stage:** A stage of a programme is a substantial volume of learning, at the conclusion of which an Examination Board makes decisions on progression or awards. For the BSc (Hons) in Biomedical Science programme the stage normally corresponds to one academic year.

#### GENERAL REGULATIONS GOVERNING CREDIT AND AWARDS

**1. Awarding of Credits:** Module credits are awarded to a candidate who is registered on an approved module or modules and who has successfully passed the approved module or modules according to the Pass and Progression Rules.

Where a candidate passes a stage/year according to the Pass/Progression rules, he/she shall be awarded the stage/year credits specified.

**2. Absence from an Examination in a Module:** Registration at the beginning of an academic year constitutes entry for the relevant examinations of the stage/year. All repeat students are required to present for examination in the then current programmes in their relevant subject(s)/module(s).

Evidence of extenuating circumstances (e.g. medical or personal) must be submitted in a timely manner such that it can form part of the deliberations of the Examination Board meeting.

Evidence relating to extenuating circumstances should only be admitted as grounds for an examination appeal if it can be established that it was not possible or reasonable to submit this evidence for consideration at or prior to the relevant Examination Board meeting. Examples would be where the individual was unable to submit evidence due to hospitalisation, or where the circumstances were not known at the time of the assessment, for example a medical condition diagnosed after the assessment.

A candidate who fails to achieve the pass standard for the year is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. The candidate must register for the supplemental examination to re-sit failed modules.

Where a module is assessed wholly by terminal written examination and a student fails to present for the Examination, a judgement of "Presented No Work" is recorded for that module. Where a module is examined by a combination of Continuous Assessment and terminal Written Examination, and the student does not present for the terminal Written Examination, the mark recorded for the module is then based on the mark for Continuous Assessment and a zero mark for the written component, using the rules for obtaining the overall module mark which pertain to the module in question. Where a module is assessed wholly by Continuous Assessment, and the student

presents no work, a “Presented No Work” judgement is recorded. “Presented No Work ” is counted as an attempt at an examination.

**3. Progression Rule:** Every stage/year of the programme must be passed before progression to a subsequent stage/year. In no case shall an award be made until all required modules have been passed.

**4. Examination Boards:** An Examination Board will be convened for each stage/year of a programme. This Board will consider a consolidated Broadsheet of Results and will recommend marks for individual modules and make recommendations on progression and awards for candidates in conformity with these Marks and Standards. The recommendations of Examination Boards are subject to ratification by the Academic Council of CIT and the Academic Council of UCC.

#### **5. Composition of the Examination Board:**

The membership of the Examination Board shall be as follows:

- Independent Chairperson nominated by the Registrar of the coordinating institution
- Programme Director and Deputy Programme Director, one of whom shall function as Secretary to the Examination Board with support from the Examinations Office of the coordinating institution
- Heads of the relevant Academic Units of CIT and UCC
- The External Examiner or Examiners
- The Internal Examiners from both institutions

The external examiner(s) will be nominated by the Board of Studies subject to approval by each institution. The formal letter of appointment of the External Examiner will be issued by the coordinating institution on behalf of the CIT and UCC.

An officer of the UCC Examinations Office and an officer of the CIT Examinations Office shall normally be in attendance.

An Examination Board may act notwithstanding the absence of one or more members, provided that the Chair of the Board is satisfied that there are sufficient Examiners in attendance to enable the Board to fulfil its duties. The following quorum shall apply: Chairperson, Secretary and three further Board members.

#### **Difference of Opinion at an Examination Board:**

***THE EXAMINATION BOARD SHOULD ATTEMPT TO REACH A CONSENSUS DECISION WITH REGARD TO THE RESULT TO BE AWARDED TO A CANDIDATE. IN CASES OF DIFFERENCE OF OPINION AMONG THE MEMBERS PRESENT AT AN EXAMINATION BOARD, THE RESULT SHALL BE DECIDED BY MAJORITY VOTE OF MEMBERS PRESENT AT THE MEETING. IN THE EVENT OF A TIE THE CHAIR WILL HAVE A SECOND (I.E. CASTING) VOTE. A BOARD MEMBER WHO CONTINUES TO DISSENT AT THE MEETING, MAY CHOOSE TO HAVE A DISSENTING OPINION NOTED ON THE BROADSHEET OF RESULTS***

Any dissenting opinion by an External Examiner noted upon the Broadsheet of Results shall be referred for determination by agreement between the Academic Council of CIT and the Academic Council of UCC.

#### **Confidentiality and Issuing of Results:**

The proceedings and deliberations of Examination Boards are strictly confidential; under no circumstance, except as required for official reporting purposes, shall any person attending a meeting of a Board disclose to any third party a decision of the Board or any document, information or opinion considered, conveyed or expressed at the meeting.

**6. Borderline Cases:** The responsibility of the Examination Board is to review the marks before the Board and make recommendations as to the overall result for each candidate in accordance with programme Marks and Standards. In discharging its responsibilities an Examination Board may exercise discretion in marginal cases by minor modification of module marks up to a maximum of 5%

Such modification of module marks should be made if a candidate's overall result is borderline at the programme level in terms of pass/progression or class of honours, having due regard to a borderline band of 1.5%.

Certification of illness, trauma or disability, if not already considered in the examination process should be considered at the Examination Board meeting.

The Examination Board shall allow for full and frank discussion of all borderline cases before a final decision is made. That final decision shall be based on the cumulative evidence presented rather than on the view of any one Internal or External Examiner. The Examinations Board in the consideration of borderline cases will have regard to a holistic evaluation of the candidate's performance across all the modules presented by the candidate.

The Secretary of the Board shall note on the Broadsheet the reason for such decisions.

**7. Appeals:** A candidate who is dissatisfied with the decision of the Examination Board at module level may initiate an Examination Appeal according to rules and regulations of the host institution of the module, or at programme level according to the rules and regulations of the coordinating institution.

The outcome of the appeal shall be communicated to the relevant parties as per the regulations of the host institution of the module. Where these regulations do not make provision for this to happen, the outcome of a successful appeal shall also be communicated to the Programme Director and Deputy Programme Director and to the Registrars of both institutions.

**8. Module Results:** Module results shall be recorded on the Broadsheet of Results either as a number or in accordance with the following table:

Module Result Code	Result	Elaboration of Result	Effect on Sitting Number
I	Deferral	Result deferred due to exceptional circumstances	Is not counted as an attempt
X	Exempt	Candidate is exempt on the basis of prior learning	Is counted as an attempt
PNW	Presented No Work	Candidate did not present work at any assessment (including written examination(s)).	Is counted as an attempt
WD	Withdrew	Candidate withdrew before week 6 of the semester and formally notified the Institute	Is not counted as an attempt
WH	Withheld	Candidate's result(s) withheld	Examination Board to issue recommendation

	<b>BIOMEDICAL SCIENCE</b>
	<b>FIRST UNIVERSITY EXAMINATION IN SCIENCE</b>
<b>Time:</b>	Written Examinations will be held in semester 1 and semester 2 in CIT and in UCC. Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/calendar/science/sci017.html">http://www.ucc.ie/calendar/science/sci017.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass First Year and progress to Second Year, a candidate must pass modules to the value of 60 credits. All modules must be passed.
<b>Honours:</b>	Students are eligible for the award of honours on the aggregate mark for the year over the Summer and Autumn Supplemental Examinations.  Honours Standard for the year shall be determined as follows: First Class Honours: An aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: An aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: An aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Semester Examination must repeat all failed/absent modules at a Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>

<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In order to pass and progress, a candidate must achieve a pass mark in each examined module. A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Summer Examination of the first attempt year and capped marks at Supplemental and Repeat Year Examinations, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours.</p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply. In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for First Year; otherwise they cannot continue in the programme.

<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	
<b>Time:</b>	Written Examinations will be held in Semester 1 and Semester 2 in CIT and in UCC. Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/calendar/science/sci017.html">http://www.ucc.ie/calendar/science/sci017.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate must pass modules to the value of 60 credits. All modules must be passed.
<b>Honours:</b>	Students are eligible for the award of honours on the aggregate mark for the year over the Summer and Autumn Supplemental Examinations.  Honours Standard for the year shall be determined as follows: First Class Honours: An aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: An aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: An aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Semester Examination must repeat all failed/absent modules at a Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. (1) A student may retain exemptions, if any, and repeat all failed/absent modules. In order to pass and progress, a candidate must achieve a pass mark in each examined module. A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Summer Examination of the first attempt year and capped marks at Supplemental and Repeat Year Examinations, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours.

<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	
	(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply. In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).
<b><i>Three Year Rule:</i></b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year; otherwise they cannot continue in the programme.

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Written Examinations will be held in Semester 1 and Semester 2 in CIT and in UCC. Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/calendar/science/sci017.html">http://www.ucc.ie/calendar/science/sci017.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per ten credit module; 300 per 15 credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must pass modules to the value of 60 credits. All modules must be passed.
<b>Honours:</b>	Students are eligible for the award of honours on the aggregate mark for the year over the Summer and Autumn Supplemental Examinations.  Honours Standard for the year shall be determined as follows: First Class Honours: An aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: An aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: An aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) and (ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science <b>Note:</b> For students transferring to the joint programme from CIT and carrying a 5 credit exemption in Year 3, the degree result is awarded on the aggregate mark of (i) the 4th year project (15 credits) and (ii) the best marks from modules to the value of 90 credits out of the remaining 100 credits taken in Third and Fourth Science.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Semester/ Examination must repeat all failed/absent modules at a Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>



<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b><i>Repeat Year Examinations:</i></b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In order to pass and progress, a candidate must achieve a pass mark in each examined module. A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Summer Examination of the first attempt year and capped marks at Supplemental and Repeat Year Examinations, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours.</p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply. In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b><i>Three Year Rule:</i></b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year; otherwise they cannot continue in the programme.

<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Time:</b>	Written Examinations will be held in semester 1 and semester 2 in CIT and in UCC. Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/calendar/science/sci017.html">http://www.ucc.ie/calendar/science/sci017.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate must pass modules to the value of 60 credits. All modules must be passed.
<b>Honours:</b>	The Fourth Science Research Project <u>must</u> be passed to qualify for the award of a BSc (Hons) degree. The class of the degree is determined by the following <b>Profiling Mechanism:</b> To achieve a grade of award, this aggregate must reach or exceed the borderline for the grade or be within the range indicated with at least half of the credits evaluated being attained in or above the grade of award. <b>First Class:</b> aggregate of at least 1470/2100 marks (i.e. 70%), or at least 1428/2100 (68%), with at least half the credits attained with marks of 70% or above. <b>Second Class Grade I:</b> aggregate of at least 1260/2100 marks (i.e. 60%), or at least 1218/2100 (58%), with at least half the credits attained with marks of 60% or above. <b>Second Class Grade II:</b> aggregate of at least 1050/2100 marks (i.e. 50%), or at least 1008/2100 (48%), with at least half the credits attained with marks of 50% or above.
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) and (ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Semester Examination must repeat all failed/absent modules at a Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> </ul> <p>Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</p>

<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In order to pass and progress, a candidate must achieve a pass mark in each examined module. A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Summer Examination of the first attempt year and capped marks at Supplemental and Repeat Year Examinations, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours.</p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply. In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	<b>CHEMISTRY</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/academic/calendar/science/sci004.html">http://www.ucc.ie/academic/calendar/science/sci004.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain an aggregate pass of 320/800 marks (40 %.) across all <b>8 Chemistry modules</b> . (iii) pass modules to the value of at least 50 credits. (iv) obtain a mark of not less than 30% in any remaining module(s)
<b>Honours:</b>	Honours for the year are awarded on the aggregate mark for the 8 Chemistry modules, provided that the student has passed overall. Honours are awarded as follows: <b>First Class Honours:</b> an aggregate of at least 560/800 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 480/800 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 400/800 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 360/800 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The degree is awarded on the aggregate mark of (i) 15% of the aggregate mark of the eight core Chemistry modules taken in the Second Examination in Science (CM2001-8) (maximum 120 marks) (ii) 30% of the aggregate mark for the Third Examination in Science (maximum 360 marks) and (iii) 60% of the BSc (Hons) Degree Examination mark (maximum 720 marks).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> </ul>

	<ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul> <p><b>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the Practical Component of Continuous Assessment. (Full details contained in the Book of Modules).</b></p>
<p><b>Repeat Year Examinations:</b></p>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p><b>Three Year Rule:</b></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.</p>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Third year marks for students who undertake the year abroad or a semester abroad are presented to the Autumn Examination Board. For students failing to achieve the pass standard for the year abroad at the Autumn Examination Board, the student is required to repeat the Third Year of the programme at UCC in a repeat year. For students failing to achieve the pass standard for the semester abroad at the Autumn Examination Board, the student is required to repeat the semester of Third Year of the programme at UCC in a repeat year.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/academic/calendar/science/sci004.html">http://www.ucc.ie/academic/calendar/science/sci004.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200. Semester abroad students: Total Marks 600. Year abroad students: No marks awarded. Pass/fail judgement only.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	<p>To pass Third Year, a candidate must:</p> <ul style="list-style-type: none"> <li>(i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules</li> <li>(ii) pass modules to the value of at least 50 credits.</li> <li>(iii) obtain a mark of not less than 30% in any remaining module(s).</li> </ul> <p><u>Semester abroad students</u> To pass Third Year, a candidate must:</p> <ul style="list-style-type: none"> <li>(i) obtain an overall aggregate pass of 240/600 marks (40%) across all Semester 1 and CM3028 modules</li> <li>(ii) pass Semester 1 and CM3028 modules to the value of at least 25 credits.</li> <li>(iii) obtain a mark of not less than 30% in any remaining Semester 1 and CM3028 module(s)</li> <li>(iv) achieve a pass standard as applied by the host institution on a set of courses approved by UCC.</li> </ul> <p><u>Year abroad students</u> To pass third year, a candidate must achieve a pass standard as applied by the host institution on a set of courses approved by UCC.</p> <p>Students who pass the Third University Examination in Science (Chemistry) and who qualify to proceed into Fourth Science may opt instead to be conferred with a <i>BSc Ordinary</i> degree.</p>
<b>Honours:</b>	<p>Honours for the year are awarded on the overall aggregate, provided that the student has passed overall. Honours are awarded as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p><b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p><b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)</p> <p>Semester abroad students: Marks out of 600 will be scaled up to 1200 for the calculation of honours.</p>

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	Year abroad students: Honours are not awarded in third year.
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<p>The degree is awarded on the aggregate mark of</p> <ul style="list-style-type: none"> <li>(i) 15% of the aggregate mark of the eight core Chemistry modules taken in the Second Examination in Science (CM2001-8) (maximum 120 marks)</li> <li>(ii) 30% of the aggregate mark for Third Examination in Science (maximum 360 marks) and</li> <li>(iii) 60% of the BSc (Hons) Degree Examination mark (maximum 720 marks).</li> </ul> <p>Semester abroad students: Marks out of 600 will be scaled up to 1200, and the degree is awarded as outlined above for UCC-based students.</p> <p>Year abroad students: In the case of a student who has passed the Third University Examination in Chemistry on the basis of a full year of study abroad, the degree is awarded on the aggregate mark of</p> <ul style="list-style-type: none"> <li>(i) 15% of the aggregate mark of the eight core Chemistry modules taken in the Second Examination in Science (CM2001-8) (maximum 120 marks)</li> <li>(ii) 90% of the BSc (Hons) Degree Examination mark (maximum 1080 marks)</li> </ul>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul> <p><b>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the Practical Component of Continuous Assessment. (Full details contained in the Book of Modules).</b></p>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. <u>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction</li> </ol>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
	<p>on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.



<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/academic/calendar/science/sci004.html">http://www.ucc.ie/academic/calendar/science/sci004.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per 15-credit module; 400 per twenty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain an overall aggregate pass of 360/900 marks (40%.) across all 8 Chemistry lecture modules (iii) pass the Research Projects module (CM4206) (iv) pass modules to the value of at least 50 credits (including the Projects module CM4206) (v) obtain a mark of not less than 30% in any remaining modules.
<b>Honours:</b>	Honours are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award</b>	The degree is awarded on the aggregate mark of (i) 15% of the aggregate mark of the eight core Chemistry modules taken in the Second Examination in Science (CM2001-8) (maximum 120 marks) (ii) 30% of the aggregate mark for Third Examination in Science (maximum 360 marks) and (iii) 60% of the BSc (Hons) Degree Examination mark (maximum 720 marks).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>

<b>BSc (Hons) DEGREE EXAMINATION</b>	
	If the Research Project module (CM4206) is failed then this cannot be repeated at the Autumn Supplemental Examination but must be re-taken in a Repeat Year. (Full details are contained in the <i>Book of Modules</i> ).
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	<b>CHEMISTRY WITH FORENSIC SCIENCE</b>
	<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> as follows: <a href="http://www.ucc.ie/calendar/science/sci012b.html">http://www.ucc.ie/calendar/science/sci012b.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours are awarded on the overall aggregate, provided that all modules are passed, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours (where awarded):</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul> <p><i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the Practical Component of Continuous Assessment. (Full details are contained in the Book of Modules).</i></p>

<p><b>Repeat Year Examinations:</b></p>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.</li> </ol> <p><u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p>
<p><b>Three Year Rule:</b></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for <i>Second Year</i>, otherwise they cannot continue in the programme.</p>

<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> as follows: <a href="http://www.ucc.ie/calendar/science/sci012b.html">http://www.ucc.ie/calendar/science/sci012b.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain a pass in modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s). Students who pass the Third University Examination in Science (Chemistry with Forensic Science) may opt to be conferred with a BSc Ordinary degree.
<b>Honours:</b>	Honours are awarded on the overall aggregate, provided that all modules are passed, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours (where awarded):</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Third University Examination in Science (maximum 240 marks) and (ii) 80% of the BSc Honours Degree Examination mark (maximum 960 marks).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul> <p><i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the Practical Component of Continuous Assessment. (Full details are contained in the Book of Modules).</i></p>

<p><b>Repeat Year Examinations:</b></p>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.</li> </ol> <p><u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p>
<p><b>Three Year Rule:</b></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for <i>Second Year</i>, otherwise they cannot continue in the programme.</p>

<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> as follows: <a href="http://www.ucc.ie/calendar/science/sci012b.html">http://www.ucc.ie/calendar/science/sci012b.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass the Research Project module (CM4207) (iii) pass modules to the value of at least 50 credits (including the Research Project module CM4207) (iv) obtain a mark of not less than 30% in any remaining modules.
<b>Honours:</b>	Honours are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours (where awarded):</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award</b>	The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Third University Examination in Science (maximum 240 marks) <u>and</u> (ii) 80% of the BSc Honours Degree Examination mark (maximum 960 marks).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul> <p><i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the practical component of continuous assessment. (Full details are contained in the Book of Modules).</i></p>

<p><b>Repeat Year Examinations:</b></p>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.</li> </ol> <p><u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p>
<p><b>Three Year Rule:</b></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for <i>Second Year</i>, otherwise they cannot continue in the programme.</p>



	<b>CHEMISTRY OF PHARMACEUTICAL COMPOUNDS</b>
	<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/calendar/science/sci005.html">http://www.ucc.ie/calendar/science/sci005.html</a>
<b>Marks Maxima:</b>	100 per five-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i>
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the overall aggregate, provided that all modules are passed, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul> <p><i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the practical component of Continuous Assessment. (Full details are contained in the Book of Modules).</i></p>

<p><b>Repeat Year Examinations:</b></p>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules in a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules in the Repeat Year. Modules taken at the Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p><b>Three Year Rule:</b></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.</p>

<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/calendar/science/sci005.html">http://www.ucc.ie/calendar/science/sci005.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain a pass in modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s). Students who pass the Third University Examination in Science – Chemistry of Pharmaceutical Compounds may opt to be conferred with a BSc Ordinary degree.
<b>Honours:</b>	Honours for the year are awarded on the overall aggregate, provided that all modules are passed, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Third University Examination in Science, adjusted by 1000/1200 (as the Total Marks for Third University Examination in Science is 1200, whereas the Total Marks for the BSc (Hons) Degree Examination is 1000), that is, 16.67% of the aggregate mark from the Third University Examination in Science (maximum 200 marks), (ii) 80% of the BSc (Hons) Degree Examination mark (maximum 800 marks).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.

<p><b>Supplemental Examinations:</b></p>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul> <p><i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than <b>40%</b> in the practical component of Continuous Assessment. (Full details are contained in the Book of Modules).</i></p>
<p><b>Repeat Year Examinations:</b></p>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. <u>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules in a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules in the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p><b>Three Year Rule:</b></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.</p>

<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/academic/calendar/science/sci005.html">http://www.ucc.ie/academic/calendar/science/sci005.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total marks: 1000; Pass/Fail on the work placement module CM4204 (10 credits).
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 400/1000 marks (40%) across the nine taught modules (ii) pass Research Project module or modules to the value of 10 credits (iii) pass modules to the value of at least 50 credits (including the Research Project modules) (iv) obtain a mark of not less than 30% in any remaining module. (v) pass the work placement module.
<b>Honours:</b>	Honours are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 700/1000 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 450/1000 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award`:</b>	The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Third University Examination in Science, adjusted by 1000/1200 (as the Total Marks for Third University Examination in Science is 1200, whereas the Total Marks for the BSc (Hons) Degree Examination is 1000), that is, 16.67% of the aggregate mark from the Third University Examination in Science (maximum 200 marks),  (ii) 80% of the BSc (Hons) Degree Examination mark (maximum 800 marks).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.

<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> <li>○ If any of the Research Project modules are failed then this cannot be repeated at the Autumn Supplemental Examination but must be re-taken in a Repeat Year. (Full details are contained in the <i>Book of Modules</i>).</li> <li>○ If the work placement module is failed then this cannot be repeated at the Autumn Supplemental. Students will have to repeat this module following the final examination in order to pass and graduate.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. <u>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules in a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules in the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	<b>CHEMICAL PHYSICS</b>
	<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/calendar/science/sci014.html">http://www.ucc.ie/calendar/science/sci014.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours are awarded on the overall aggregate: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours (where awarded):</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award</b>	The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Third University Examination in Science (maximum 240 marks) and (ii) 80% of the BSc Honours Degree Examination mark (maximum 960 marks).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul> <p><i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the practical component of the Continuous Assessment component of assessment. (Full details are contained in the Book of Modules).</i></p>
<b>Repeat Year Examinations:</b>	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.

	<b>CHEMICAL PHYSICS</b>
	<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>
	<p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules in the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.



THIRD UNIVERSITY EXAMINATION IN SCIENCE	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/calendar/science/sci014.html">http://www.ucc.ie/calendar/science/sci014.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40 %) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours are awarded on the overall aggregate: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record</li> </ul> <p><i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the practical component of the Continuous Assessment component of assessment. (Full details are contained in the Book of Modules).</i></p>
<b>Repeat Year Examinations:</b>	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/academic/calendar/science/sci014.html">http://www.ucc.ie/academic/calendar/science/sci014.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 400 per twenty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all 8 modules (ii) pass the Research Project modules (CY4002 and CY4003) (iii) pass modules to the value of at least 50 credits (including the Research Project modules CY4002 and CY4003) (iv) obtain a mark of not less than 30% in any remaining modules.
<b>Honours:</b>	Honours are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award</b>	The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Third University Examination in Science (maximum 240 marks) and (ii) 80% of the BSc Honours Degree Examination mark (maximum 960 marks).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). o Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i> o Students who fail to achieve the pass standard for the year must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules. o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.  If either of the Research Project modules (CY4002 and CY4003) is failed, then this cannot be repeated at the Autumn Supplemental Examination but must be re-taken in a Repeat Year. (Full details are contained in the <i>Book of Modules</i> ).
<b>Repeat Year Examinations:</b>	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of

BSc (Hons) DEGREE EXAMINATION	
	<p>honours in the first Repeat Year only. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	<b>COMPUTER SCIENCE</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> as follows: <a href="http://www.ucc.ie/academic/calendar/science/sci006.html">http://www.ucc.ie/academic/calendar/science/sci006.html</a>
<b>Marks Maxima:</b>	100 per five-credit module. 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain a pass in modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The final Computer Science mark is calculated as follows: (i) Second Science and Third Science Computer Science marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200  NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the</li> </ul>

	<b>COMPUTER SCIENCE</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements.</p> <p>Note: Students are eligible for the award of Honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year; otherwise they cannot continue in the programme.

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Examination of modules taught in Period 2 will take place during scheduled teaching hours. Marks for all these modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students are examined in modules to the value of 50 credits as follows <a href="http://www.ucc.ie/academic/calendar/science/sci006.html">http://www.ucc.ie/academic/calendar/science/sci006.html</a> <a href="#">Marks for a further 10 credits (for the work placement module CS3300/CS3301 are awarded at a fourth Year BSc (Hons) Computer Science</a>
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per 10 credit module; 300 per 15 credit module. Total Marks: 1000. (Note: CS3300/CS3301 is assessed on a Pass/Fail basis.)
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 400/1000 marks (40%) across all modules, excluding CS3300/CS3301 (ii) pass modules to the value of at least 40 credits excluding CS3300/CS3301 (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the aggregate mark as follows: <b>First Class Honours:</b> an aggregate of at least 700/1000 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 450/1000 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The final Computer Science mark is calculated as follows: (i) Marks from the Second Third University Examinations in Science, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200.  NOTE: For other students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Spring Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the</li> </ul>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat Year only.</i></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Spring Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examination of a Repeat Year.</i></li> <li>2. Students who pass CS3300/CS3301 may repeat the year taking the remaining 50 credits. Students who fail CS3300/CS3301 may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Spring Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students –are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.</p>

<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> as follows: <a href="http://www.ucc.ie/calendar/science/sci006.html">http://www.ucc.ie/calendar/science/sci006.html</a> <u>Marks for a further 10 credits (for the work placement module CS3300/CS3301 are awarded at a fourth year BSc (Hons) Computer Science degree board.</u>
<b>Marks Maxima:</b>	100 per five credit module, 200 per ten credit module, 300 per fifteen credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass the Computer Science Research Project (CS4501 - 15 credits) (iii) pass modules to the value of at least 50 credits (including the Computer Science Project CS4501) (iv) obtain a mark of not less than 30% in any remaining module(s).  To be eligible for the award of the degree a candidate must pass the BSc (Hons) Degree examination and obtain a pass in the work placement module CS3300/CS3301.  A candidate who fails CS3300/CS3301 at the first attempt may opt to either:  (i) Re-take the module on completion of the BSc (Hons) Degree examination (ii) Exit the programme with a BSc (Ord) Computer Science (Level 7) on completion of an additional 10 credits, selected from the list of fourth year electives and approved by the Head of the School of Computer Science, in a year subsequent to the first attempt at the BSc (Hons) Degree Examination
<b>Honours:</b>	Honours for the degree can only be awarded to a student: (i) passing of the BSc (Hons) Degree Examination and (ii) who has passed a Work Placement module (CS3300 or CS3301). Honours are awarded on the basis of the final Computer Science mark (see under 'Carrying Forward of Marks Towards the Final Degree Award' below) as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)  <b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)  <b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)  <b>Third Class Honours (where awarded):</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)



BSc (Hons) DEGREE EXAMINATION	
<b>Pass Degree</b>	A Pass degree can only be awarded to a student either who has passed the BSc (Hons) Degree Examination with an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 45%) and who has passed a Work Placement module (CS3300 or CS3301) or who has passed the BSc (Hons) Degree Examination with an aggregate of at least 480/1200 marks (i.e. 40% and above) and who has passed an additional 10 credits, approved by the Head of the Department of Computer Science, from the Fourth Year programme, taken in a year subsequent to the first attempt at the BSc (Hons) Degree Examination.
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<p>The final Computer Science mark is calculated as follows:</p> <p>(i) Second Science and Third Science Computer Science marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200.</p> <p>Note: For students who completed Second Science and/or Third Science at another University, the marks achieved by these students in Second or Third Science will be used in the calculation of their final year result.</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> <li>o If the Project module (CS4501) is failed then this must be re-taken in a Repeat Year.</li> <li>o If the Work Placement (CS3300/CS3301) is failed, a student can elect to re-take it after the BSc (Hons) Degree Examination has been completed.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <p><i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p>

<b>BSc (Hons) DEGREE EXAMINATION</b>	
	<p>2. Students may repeat the year taking the full 60 credits. In determining aggregation and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year; otherwise they cannot continue in the programme.

<b>COMPUTER SCIENCE (WEB SYSTEMS ENGINEERING)</b>	
<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> as follows: <a href="http://www.ucc.ie/academic/calendar/science/sci006.html">http://www.ucc.ie/academic/calendar/science/sci006.html</a>
<b>Marks Maxima:</b>	100 per five-credit module. 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> .
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain a pass in modules to the value of at least 50 credits (iv) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The final Computer Science mark is calculated as follows: (i) Second Science and Third Science Computer Science marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200  NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the</li> </ul>

	<b>COMPUTER SCIENCE (WEB SYSTEMS ENGINEERING)</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements.</p> <p>Note: Students are eligible for the award of Honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year; otherwise they cannot continue in the programme.

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Examination of modules taught in Period 2 will take place during scheduled teaching hours. Marks for all these modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The Examinations in CS3300 & CS3301, the Work Placement modules, will be held in Winter following the placement period and marks will be presented to the Winter Examination Board.
<b>Modules:</b>	Students are examined in modules to the value of 50 credits as follows <a href="http://www.ucc.ie/academic/calendar/science/sci006.html">http://www.ucc.ie/academic/calendar/science/sci006.html</a> Marks for a further 10 credits (for the work placement module CS3300/CS3301) are awarded at a fourth year BSc (Hons) Computer Science.
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per 10 credit module; 300 per 15 credit module. Total Marks: 1000. (Note: CS3300/CS3301 is assessed on a Pass/Fail basis.)
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (iv) obtain an overall aggregate pass of 400/1000 marks (40%) across all modules, excluding CS3300/CS3301 (v) pass modules to the value of at least 40 credits excluding CS3300/CS3301 (vi) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the aggregate mark as follows: <b>First Class Honours:</b> an aggregate of at least 700/1000 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 450/1000 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The final Computer Science mark is calculated as follows: (i) Marks from the Second Third University Examinations in Science, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200.  NOTE: For other students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). o Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
	<ul style="list-style-type: none"> <li>o Students who fail to achieve the pass standard for the year at the Spring Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat Year only.</i></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules.. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Spring Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examination of a Repeat Year.</i></li> <li>2. Students who pass CS3300/CS3301 may repeat the year taking the remaining 50 credits. Students who fail CS3300/CS3301 may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Spring Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, whether they have failed or passed are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.

<b>BSc (HONS) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> as follows: <a href="http://www.ucc.ie/calendar/science/sci006.html">http://www.ucc.ie/calendar/science/sci006.html</a> Marks for a further 10 credits (for the work placement module CS3300/CS3301 are awarded at a fourth year BSc (Hons) Computer Science degree board.
<b>Marks Maxima:</b>	100 per five credit module, 200 per ten credit module, 300 per fifteen credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass the Computer Science Research Project (CS4502 - 15 credits) (iii) pass modules to the value of at least 50 credits (including the Computer Science Project CS4502) (v) obtain a mark of not less than 30% in any remaining module(s).  To be eligible for the award of the degree a candidate must pass the BSc (Hons) Degree examination and obtain a pass in the work placement module CS3300/CS3301.  A candidate who fails CS3300/CS3301 at the first attempt may opt to either:  (i) Re-take the module on completion of the BSc (Hons) Degree examination (ii) Exit the programme with a BSc (Ord) Computer Science (Level 7) on completion of an additional 10 credits, selected from the list of fourth year electives and approved by the Head of the School of Computer Science, in a year subsequent to the first attempt at the BSc(Hons) Degree Examination.
<b>Honours:</b>	Honours for the degree can only be awarded to a student: (i) passing the BSc (Hons) Degree Examination and (ii) who has passed a Work Placement module (CS3300 or CS3301). Honours are awarded on the basis of the final Computer Science mark (see under 'Carrying Forward of Marks Towards the Final Degree Award' below) as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)  <b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)  <b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)  <b>Third Class Honours (where awarded):</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%) .
<b>Pass Degree</b>	A Pass degree can only be awarded to a student either who has passed the BSc (Hons) Degree Examination with an aggregate of at least 480/1200 marks (i.e. 40%

<b>BSc (HONS) DEGREE EXAMINATION</b>	
	and above but less than 45%) and who has passed a Work Placement module (CS3300 or CS3301) or who has passed the BSc (Hons) Degree Examination with an aggregate of at least 480/1200 marks (i.e. 40% and above) and who has passed an additional 10 credits, approved by the Head of the Department of Computer Science, from the Fourth Year programme, taken in a year subsequent to the first attempt at the BSc (Hons) Degree Examination
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<p>The final Computer Science mark is calculated as follows:</p> <p>(i) Second Science and Third Science Computer Science marks, each scaled to a max. of 240 marks, (max. total 480 marks) and</p> <p>(ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks.</p> <p>Total Marks: 1200.</p> <p>Note: For students who completed Second Science and/or Third Science at another University, the marks achieved by these students in Second or Third Science will be used in the calculation of their final year result.</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass -</li> <li>○ 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> <li>○ If the Project module (CS4502) is failed then this must be re-taken in a Repeat Year.</li> <li>○ If Work Placement (CS3300/CS3301) is failed, a student can elect to re-take it after the BSc (Hons) Degree Examination has been completed.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <p><i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p>



<b>BSc (HONS) DEGREE EXAMINATION</b>	
	<p>2. Students may repeat the year taking the full 60 credits. In determining aggregation and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgment and associated marks will be awarded by the Examination Board.</p>
<b><i>Three Year Rule:</i></b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year; otherwise they cannot continue in the programme.

	<b>COMPUTER SCIENCE (SOFTWARE ENTREPRENEURSHIP)</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> as follows: <a href="http://www.ucc.ie/academic/calendar/science/sci006.html">http://www.ucc.ie/academic/calendar/science/sci006.html</a>
<b>Marks Maxima:</b>	100 per five-credit module. 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> .
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) obtain a pass in modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The final Computer Science mark is calculated as follows: (i) Second Science and Third Science Computer Science marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200  NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the</li> </ul>

	<b>COMPUTER SCIENCE (SOFTWARE ENTREPRENEURSHIP)</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<p><b>Repeat Year Examinations:</b></p>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements.</p> <p>Note: Students are eligible for the award of Honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>3. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</li> <li>4. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p><b>Three Year Rule:</b></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Second Year; otherwise they cannot continue in the programme.</p>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Examination of modules taught in Period 2 will take place during scheduled teaching hours. Marks for all these modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The Examinations in CS3300 & CS3301, the Work Placement modules, will be held in Winter following the placement period and marks will be presented to the Winter Examination Board.
<b>Modules:</b>	Students are examined in modules to the value of 50 credits as follows: <a href="http://www.ucc.ie/academic/calendar/science/sci006.html">http://www.ucc.ie/academic/calendar/science/sci006.html</a> <u>Marks for a further 10 credits (for the work placement module CS3300/CS3301 are awarded at a fourth Year BSc (Hons) Computer Science</u>
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per 10 credit module; 300 per 15 credit module. Total Marks: 1000. (Note: CS3300/CS3301 is assessed on a Pass/Fail basis.)
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (vii) obtain an overall aggregate pass of 400/1000 marks (40%.) across all modules, excluding CS3300/CS3301 (viii) pass modules to the value of at least 40 credits excluding CS3300/CS3301 (ix) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the aggregate mark as follows: <b>First Class Honours:</b> an aggregate of at least 700/1000 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 450/1000 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The final Computer Science mark is calculated as follows: (i) Marks from the Second Third University Examinations in Science, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200.  NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> </ul>

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	<ul style="list-style-type: none"> <li>o Students who fail to achieve the pass standard for the year at the Spring Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat Year only.</i></p> <ol style="list-style-type: none"> <li>3. Students retain exemptions, if any, and must repeat all failed/absent modules.. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Spring Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examination of a Repeat Year.</i></li> <li>4. Students who pass CS3300/CS3301 may repeat the year taking the remaining 50 credits. Students who fails CS3300/CS3301 may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Spring Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students whether they have failed or passed are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.

<b>BSc (HONS) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/academic/calendar/science/sci006.html">http://www.ucc.ie/academic/calendar/science/sci006.html</a> <u>Marks for a further 10 credits (for the work placement module CS3300/CS3301 are awarded at a fourth year BSc (Hons) Computer Science degree board.</u>
<b>Marks Maxima:</b>	100 per five credit module, 200 per ten credit module, 300 per fifteen credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate must: <ul style="list-style-type: none"> <li>(iii) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules</li> <li>(ii) pass the Computer Science Research Project (CS4503- 15 credits)</li> <li>(iv) pass modules to the value of at least 50 credits (including the Computer Science Project CS4503)</li> <li>(v) obtain a mark of not less than 30% in any remaining module(s).</li> </ul> <p>To be eligible for the award of the degree a candidate must pass the BSc (Hons) Degree examination and obtain a pass in the work placement module CS3300/CS3301.</p> <p>A candidate who fails CS3300/CS3301 at the first attempt may opt to either;</p> <ul style="list-style-type: none"> <li>(i) Re-take the module on completion of the BSc (Hons) Degree examination</li> </ul> <p>Exit the programme with a BSc (Ord) Computer Science (Level 7) on completion of an additional 10 credits, selected from the list of fourth year electives and approved by the Head of the School of Computer Science, in a year subsequent to the first attempt at the BSc(Hons) Degree Examination.</p>
<b>Honours:</b>	Honours for the degree can only be awarded to a student: <ul style="list-style-type: none"> <li>(vi) passing of the BSc (Hons) Degree Examination and</li> <li>(ii) who has passed a Work Placement module (CS3300 or CS3301).</li> </ul> <p>Honours are awarded on the basis of the final Computer Science mark (see under 'Carrying Forward of Marks Towards the Final Degree Award' below) as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p><b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p><b>Third Class Honours (where awarded):</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%).</p>
<b>Pass Degree</b>	A Pass degree can only be awarded to a student either who has passed the BSc (Hons) Degree Examination with an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 45%) and who has passed a Work Placement module (CS3300 or CS3301) or who has passed the BSc (Hons) Degree Examination with an aggregate of at least 480/1200 marks (i.e. 40% and above) and who has passed an additional 10 credits, approved by the Head of the Department of Computer Science, from the Fourth Year programme, taken in a year subsequent to the first attempt at the BSc (Hons) Degree Examination

<b>BSc (HONS) DEGREE EXAMINATION</b>	
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<p>The final Computer Science mark is calculated as follows:</p> <p>(i) Second Science and Third Science Computer Science marks, each scaled to a max. of 240 marks, (max. total 480 marks) and</p> <p>(ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks.</p> <p>Total Marks: 1200.</p> <p>Note: For students who completed Second Science and/or Third Science at another University, the marks achieved by these students in Second or Third Science will be used in the calculation of their final degree result.</p>
<b>Exemptions:</b>	<p>All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.</p>
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> <li>○ If the Project module (CS4503) is failed then this must be re-taken in a Repeat Year.</li> <li>○ If the Work Placement (CS3300/CS3301) is failed, a student can elect to re-take it after the BSc (Hons) Degree Examination has been completed.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <p><i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board,</p>

<b>BSc (HONS) DEGREE EXAMINATION</b>	
	<p>provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgment and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year; otherwise they cannot continue in the programme.



<b>COMPUTER SCIENCE WITH CHINESE STUDIES</b>	
<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/academic/calendar/science/sci006.html">http://www.ucc.ie/academic/calendar/science/sci006.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%). (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours are awarded in each subject, provided both subjects are passed, on the basis of the aggregate, as follows: <b>First Class Honours:</b> an aggregate of at least 420/600 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 360/600 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 300/600 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 270/600 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The degree marks for <b>Computer Science</b> and <b>Chinese Studies</b> are calculated as follows: (i) Second Science and Third Science marks in both subjects, each scaled to a max. of 120 marks (max. total 240 marks per subject), and (ii) BSc (Hons) Degree Examination marks in both subjects, scaled as follows: Computer Science scaled to a max of 480 marks (if 40 credits of Computer Science modules are taken) and Chinese Studies scaled to a max of 240 marks or Computer Science scaled to a max of 420 marks (if 35 credits of Computer Science modules are taken) and Chinese Studies scaled to a max of 300 marks Total Marks: 1200  NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years (or 2 in the case of Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the</li> </ul>

	<b>COMPUTER SCIENCE WITH CHINESE STUDIES</b>
	<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.

<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	
<b>Time:</b>	Examination of modules taught in Period 2 will take place during scheduled teaching hours. Marks for all these modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The Examinations in CS3300 & CS3301, the Work Placement modules, will be held in Winter following the placement period and marks will be presented to the Winter Examination Board.
<b>Modules:</b>	Students are examined in modules to the value of 50 credits as follows: <a href="http://www.ucc.ie/academic/calendar/science/sci006.html">http://www.ucc.ie/academic/calendar/science/sci006.html</a> Marks for a further 10 credits (for the work placement module CS3300/CS3301 are awarded at the fourth Year BSc (Hons) Computer Science.
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per 10 credit module; 300 per 15 credit module. Total Marks: 1000. (Note: CS3300/CS3301 is assessed on a Pass/Fail basis.)
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 400/1000 marks (40%) across all modules, excluding CS3300/CS3301 (ii) pass modules to the value of at least 40 credits excluding CS3300/CS3301 (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours are awarded in each subject, provided both subjects are passed, on the basis of the aggregate, as follows: <b>First Class Honours:</b> an aggregate of at least 350/500 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 300/500 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 250/500 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 225/500 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The degree marks for both subjects are calculated as follows: (i) Second Science and Third Science marks in both subjects, each scaled to a max. of 120 marks (max. total 240 marks per subject), and (ii) BSc (Hons) Degree Examination marks in both subjects, scaled as follows: Computer Science scaled to a max of 480 marks (if 40 credits of Computer Science modules are taken) and Chinese Studies scaled to a max of 240 marks or Computer Science scaled to a max of 420 marks (if 35 credits of Computer Science modules are taken) and Chinese Studies scaled to a max of 300 marks Total Marks: 1200  NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years (or 2 in the case of Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual</li> </ul>

<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	
	<p>modules. <i>Note: For some modules there is no Supplemental Examination.</i></p> <ul style="list-style-type: none"> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat Year only.</i></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Spring Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examinations of a Repeat Year.</i></li> <li>3. Students who pass CS3300/CS3301 may repeat the year taking the remaining 50 credits. Students who fail CS3300/CS3301 may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Spring Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students whether they have failed or passed are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.</p>

<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/academic/calendar/science/sci006.html">http://www.ucc.ie/academic/calendar/science/sci006.html</a> <u>Marks for a further 10 credits (for the work placement module CS3300/CS3301 are awarded at a fourth year BSc (Hons) Computer Science degree board)</u>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 400 per twenty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass the Project module (CS4501) (iii) pass modules to the value of at least 50 credits (including the Project module CS4501) (iv) obtain a mark of not less than 30% in any remaining module(s). (v) To be eligible for the award of the degree a candidate must pass the BSc (Hons) Degree examination and obtain a pass in the work placement module CS3300/CS3301.  A candidate who fails CS3300/CS3301 at the first attempt may opt to either; (i) Re-take the module on completion of the BSc (Hons) Degree examination Exit the programme with a BSc (Ord) Computer Science (Level 7) on completion of an additional 10 credits, selected from the list of fourth year electives and approved by the Head of the School of Computer Science, in a year subsequent to the first attempt at the BSc(Hons) Degree Examination.
<b>Honours:</b>	Individual Subjects - Honours are awarded in each subject, provided both subjects are passed, on the basis of the aggregate mark. Honours for the Degree: Honours for the degree can only be awarded to a student: (i) passing the BSc (Hons) Degree Examination (ii) who has passed a Work Placement module (CS3300 or CS3301). Honours for the degree are awarded on the basis of the degree marks in both subjects as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) with not less than 720/1200 marks (60%) in either subject <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) with not less than 600/1200 marks (50%) in either subject <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) with not less than 540/1200 marks (45%) in either subject <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%) with not less than 480/1200 marks (40%) in either subject.

<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Pass Degree</b>	A Pass degree can only be awarded to a student either who has passed the BSc (Hons) Degree Examination with an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 45%) and who has passed a Work Placement module (CS3300 or CS3301) or who has passed the BSc (Hons) Degree Examination with an aggregate of at least 480/1200 marks (i.e. 40% and above) and who has passed an additional 10 credits, approved by the Head of the Department of Computer Science, from the Fourth Year programme, taken in a year subsequent to the first attempt at the BSc (Hons) Degree Examination
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<p>The degree marks for both subjects are calculated as follows:</p> <p>(i) Second Science and Third Science marks in both subjects, each subject scaled to a max. of 120 marks (max. total 240 marks per subject), and</p> <p>(ii) BSc (Hons) Degree Examination marks in both subjects, scaled as follows: Computer Science scaled to a max of 480 marks (if 40 credits of Computer Science modules are taken) and Economics scaled to a max of 240 marks</p> <p>or</p> <p>Computer Science scaled to a max of 420 marks (if 35 credits of Computer Science modules are taken) and Economics scaled to a max of 300 marks</p> <p>Total Marks: 1200</p> <p>NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years (or 2 in the case of Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> <li>○ If the Project module (CS4501) is failed then this must be re-taken in a Repeat Year.</li> <li>○ If the Work Placement (CS3300/CS3301) is failed, a student can elect to re-take it after the BSc (Hons) Degree Examination has been completed.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <p><i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p>

<b>BSc (Hons) DEGREE EXAMINATION</b>	
	<p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

**BSc (Ordinary) Computer Studies (Dual Degree) – Year 1 – completed in home university in China**

**BSc (Ordinary) Computer Studies (Dual Degree) – Year 2**

<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/academic/calendar/science/sci025.html">http://www.ucc.ie/academic/calendar/science/sci025.html</a>
<b>Marks Maxima</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200.
<b>Distribution of Marks</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 45 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours are not awarded.
<b>Carrying Forward of Marks Towards the Final Degree Award</b>	The degree is awarded on the basis of i. passing the Second Science Computer Studies Examinations, and ii. passing the Third Science Computer Studies Examination
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption. .
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). o Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i> o Students who fail to achieve the pass standard for the year must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules. o Capping of Marks at a Supplemental Examination: In determining aggregation, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. . 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in



	<p>modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	<b>DATA SCIENCE AND ANALYTICS</b>
	<b>FIRST UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to the value of <b>60 credits</b> as follows:
<b>Marks Maxima:</b>	100 per five-credit module. 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> .
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass First Year and progress to Second Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain a pass in modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The final Data Science and Analytics mark is calculated as follows: (i) Second Science and Third Science Data Analytics marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Data Science and Analytics scaled to a max. of 720 marks. Total Marks: 1200  NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.

<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> </ul> <p>Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements.  <i>Note: Students are eligible for the award of Honours in the first Repeat Year only.</i></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for First Year; otherwise they cannot continue in the programme.

	<b>DATA SCIENCE AND ANALYTICS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to the value of <b>60 credits</b> as follows:
<b>Marks Maxima:</b>	100 per five-credit module. 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> .
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain a pass in modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)

<p><b>Carrying Forward of Marks Towards the Final Degree Award:</b></p>	<p>The final Data Science and Analytics mark is calculated as follows:</p> <ul style="list-style-type: none"> <li>(i) Second Science and Third Science Data Science and Analytics marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks)</li> <li><u>and</u></li> <li>(ii) BSc (Hons) Degree Examination mark in Data Science scaled to a max. of 720 marks.</li> </ul> <p>Total Marks: 1200</p> <p>NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.</p>
<p><b>Exemptions:</b></p>	<p>All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.</p>
<p><b>Supplemental Examinations:</b></p>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> </ul> <p>Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>

<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. Note: Students are eligible for the award of Honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year; otherwise they cannot continue in the programme.

	<b>DATA SCIENCE AND ANALYTICS</b>
	<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to the value of <b>50 credits</b> as follows: <a href="http://www.ucc.ie/academic/calendar/science/sci027.html">http://www.ucc.ie/academic/calendar/science/sci027.html</a> Marks for a further 10 credits (for the work placement module CS3220) are awarded at a Fourth Year BSc (Hons) Data Science and
<b>Marks Maxima:</b>	100 per five-credit module. 200 per ten-credit module. Total Marks: 1000.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> .
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 400/1000 marks (40%) across all modules, excluding CS3220 (ii) pass modules to the value of at least 40 credits excluding CS3220 (iv) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 700/1000 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 450/1000 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The final Data Science and Analytics mark is calculated as follows: (iii) Second Science and Third Science Data Science and Analytics marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (iv) BSc (Hons) Degree Examination mark in Data Science scaled to a max. of 720 marks. Total Marks: 1200  NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.

<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> </ul> <p>Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. Note: Students are eligible for the award of Honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</li> <li>2. Students may repeat the year taking the full 50 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year; otherwise they cannot continue in the programme.



	<b>DATA SCIENCE AND ANALYTICS</b>
	<b>BSc (Hons) DEGREE EXAMINATION</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to the value of <b>60 credits</b> as follows: <a href="http://www.ucc.ie/academic/calendar/science/sci027.html">http://www.ucc.ie/academic/calendar/science/sci027.html</a> Marks for a further 10 credits (for the work placement module CS3220) are awarded at a Fourth Year BSc (Hons) Data Science and Analytics Degree Board.
<b>Marks Maxima:</b>	100 per five-credit module. 200 per ten-credit module, 300 per fifteen credit module Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> .
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (programme level):</b>	To pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 400/1200 marks (40%) across all modules, (ii) pass the Research Project (CS4701 or ST4092 - 15 credits) (iii) pass modules to the value of at least 50 credits (including the Research Project CS4701 or ST4092) (iv) obtain a mark of not less than 30% in any remaining module(s).  To be eligible for the award of the Degree a candidate must pass the BSc (Hons) Degree Examination and obtain a pass in the work placement module (CS3220).
<b>Exit Award:</b>	A candidate who fails CS3220 at the first attempt may opt to either: (i) re-take the module on completion of the BSc (Hons) Degree Examination (ii) exit the programme with a BSc (Ord) Data Science and Analytics (Level 7) on completion of an additional 10 credits, selected from the list of Fourth Year electives and approved by the Head of the School of Computer Science, in a year subsequent to the first attempt at the BSc (Hons) Degree Examination.
<b>Honours:</b>	Honours for the year are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)

<p><b>Carrying Forward of Marks Towards the Final Degree Award:</b></p>	<p>The final Data Science and Analytics mark is calculated as follows:</p> <ul style="list-style-type: none"> <li>(i) Second Science and Third Science Data Science and Analytics marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks)</li> <li><u>and</u></li> <li>(ii) BSc (Hons) Degree Examination mark in Data Science scaled to a max. of 720 marks.</li> </ul> <p>Total Marks: 1200</p> <p>NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.</p>
<p><b>Exemptions:</b></p>	<p>All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.</p>
<p><b>Supplemental Examinations:</b></p>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> </ul> <p>Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>

<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. Note: Students are eligible for the award of Honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year; otherwise they cannot continue in the programme.

	<b>SCIENCE EDUCATION</b>
	<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci006b.html">http://www.ucc.ie/academic/calendar/science/sci006b.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 400 per twenty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules. (ii) pass module ED2102 (iii) pass modules to the value of at least 50 credits (iv) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the aggregate. Honours are awarded as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The total mark in the Second and Third University Examinations (max 2400 marks) are carried forward for the determination of the final degree award.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>

	<b>SCIENCE EDUCATION</b>
	<b>SECOND UNIVERSITY EXAMINATION IN SCIENCE</b>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci006b.html">http://www.ucc.ie/academic/calendar/science/sci006b.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 400 per twenty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules. (ii) pass module ED3102 (iii) pass modules to the value of at least 50 credits (iv) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the aggregate mark. Honours are awarded as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The total mark in the Second and Third University Examinations (max 2400 marks) are carried forward for the determination of the final degree award. In the case of direct entry candidates, the total mark in the Third University Examination (maximum 1200) is carried forward for the determination of the final degree award.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.

<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.

<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci006b.html">http://www.ucc.ie/academic/calendar/science/sci006b.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 400 per twenty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : <ul style="list-style-type: none"> <li>(i) obtain an overall aggregate pass of 40% (i.e. 480/1200 marks) across all modules</li> <li>(ii) Obtain a minimum of 40% (i.e. 160/400 marks) in the Teaching Placement module (ED4102)</li> </ul> Candidates may also be required to attend for an Oral Examination. To pass the degree, students must attain an aggregate of at least 1440/3600 marks (40%) across second, third and fourth year.  Direct entry students to 3 <sup>rd</sup> year will be assessed out of 2400.
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The total mark in the Second and Third University Examinations (max 2400 marks) are carried forward for the determination of the final degree award. In the case of direct entry candidates, the total mark in the Third University Examination (maximum 1200) is carried forward for the determination of the final degree award.



<b>Honours:</b>	<p>Honours for the degree are awarded on the overall aggregate marks from second, third and fourth year as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 2520/3600 marks (i.e. 70% and above)</p> <p><b>Second Class Honours Grade I:</b> an aggregate of at least 2160/3600 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours Grade II:</b> an aggregate of at least 1800/3600 marks (i.e. 50% and above but less than 60%)</p> <p><b>Third Class Honours:</b> an aggregate of at least 1620/3600 marks (i.e. 45% and above but less than 50%) Pass (Honours level): aggregate of at least 1440/3600 marks (i.e.40%). Honours are not awarded at the Autumn Supplemental Examination or in a Repeat Year.</p> <p>In the case of direct entry candidates:</p> <p><b>First Class Honours:</b> an aggregate of at least 1680/2400 marks (i.e. 70% and above)</p> <p><b>Second Class Honours Grade I:</b> an aggregate of at least 1440/2400 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours Grade II:</b> an aggregate of at least 1200/2400 marks (i.e. 50% and above but less than 60%)</p> <p><b>Third Class Honours:</b> an aggregate of at least 1080/2400 marks (i.e. 45% and above but less than 50%) Pass (Honours level): aggregate of at least 480/1200 marks (i.e.40%).</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>

<p><b>Repeat Year Examinations:</b></p>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>3. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</li> <li>4. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p><b>Three Year Rule:</b></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.</p>

	<b>BIOLOGICAL, EARTH AND ENVIRONMENTAL SCIENCES</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> in <u>one</u> of the following Areas of Study: <b>Earth Science, Ecology and Environmental Biology, Applied Plant Biology, Environmental Science, Geography, Geology International Field Geosciences and Zoology.</b> See: <a href="http://www.ucc.ie/academic/calendar/science/sci007.html">http://www.ucc.ie/academic/calendar/science/sci007.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the basis of the aggregate, provided that all modules are passed, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>

<p><b>Repeat Year Examinations:</b></p>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p><b>Three Year Rule:</b></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.</p>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> in <u>one</u> of the following Areas of Study: <b>Earth Science, Ecology and Environmental Biology, Applied Plant Biology, Environmental Science, Geography, Geology, and Zoology.</b> See: <a href="http://www.ucc.ie/academic/calendar/science/sci007.html">http://www.ucc.ie/academic/calendar/science/sci007.html</a>
<b>Marks Maxima:</b>	100 per five-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Semester Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s). To qualify for the award of Degree, students must have obtained an aggregate mark of at least 960/2400 marks (i.e. 40%) across all modules taken in Third and Fourth Science. Note: Students who pass the Third University Examination in Science –Biological, Earth and Environmental Sciences and who qualify to proceed to the final year may opt instead to be conferred with a BSc Ordinary degree.
<b>Honours:</b>	Honours for the year are awarded on the basis of the aggregate, provided that all modules are passed, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate of (iii) 30% of the aggregate mark of all modules taken in the Third Examination in Science <u>and</u>  (ii) 70% of the aggregate mark of all modules taken in the BSc Honours degree Examination
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE International Field Geosciences</b>	
	The Marks & Standards for Years 1, 2 and 4 of this programme are identical to those of the BSc Geology degree. The Marks & Standards for the mobility year, Year 3, are presented here. This year is spent abroad pursuing an approved programme of study at the University of Montana.
<b>Time:</b>	Marks shall be submitted to the Autumn Examination Board, UCC, with a Supplemental Board in Winter.
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, students must obtain an overall aggregate pass across their 60 credits according to the pass standard applied by the host institution and translated as appropriate by UCC, and agreed to by the Examination Board. Students failing to achieve an overall aggregate pass will undertake appropriate alternative assessments agreed by the Discipline of Geology in advance of the Winter Examination Board which can include re-assessment by the host institution/s. Students who fail these assessments will be deemed to have failed the Third University Examination for the BSc (Hons) International Field Geosciences Degree. Such students shall be required to repeat the Third University Examination through appropriate project work, assignments and/or other assessments agreed by the Discipline of Geology in advance of the next year's Summer Examination Board (with an Autumn Supplemental Examination for students who fail in this repeat year).
<b>Honours:</b>	Honours for the year are awarded on the basis of the aggregate, provided that all modules are passed, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.

<b>BSc (Hons) DEGREE EXAMINATION FOR ECOLOGY, ENVIRONMENTAL PLANT BIOTECHNOLOGY, ENVIRONMENTAL SCIENCE, GEOLOGY, INTERNATIONAL FIELD GEOSCIENCES AND ZOOLOGY</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules from their Degree Outlets continued from Third Year to the value of <b>60 credits</b> as follows: <b>Taught modules</b> amounting to 40 or 45 credits <u>and</u> a <b>Research Project</b> amounting to 15 or 20 credits depending on the degree outlet. See <a href="http://www.ucc.ie/academic/calendar/science/sci003.html">http://www.ucc.ie/academic/calendar/science/sci003.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. 400 per twenty-credit module Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including Written Examination Profiles) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass the Fourth Science Research Project (15 or 20 credits) (iii) obtain a pass in modules to the value of at least 50 credits (including the Research Project) (iv) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	The Fourth Science Research Project <u>must</u> be passed to qualify for the award of a BSc (Hons) degree. The class of degree is determined by the following mechanism and to achieve a grade of award, this aggregate must reach or exceed the borderline for the grade:  First Class: aggregate of at least 840/1200 marks (i.e. 70%)  Second Class Grade I: aggregate of at least 720 / 1200 marks (i.e. 60%)  Second Class Grade II: aggregate of at least 600 / 1200 marks (i.e. 50%)  Third Class: aggregate of at least 540 / 1200 marks (i.e. 45%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate mark of (iv) 30% of the aggregate mark of all modules taken in the Third Examination in Science <u>and</u> (v) 70% of the aggregate mark of all modules taken in the BSc Honours degree Examination
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> </ul>



<b>BSc (Hons) DEGREE EXAMINATION FOR ECOLOGY, ENVIRONMENTAL PLANT BIOTECHNOLOGY, ENVIRONMENTAL SCIENCE, GEOLOGY, INTERNATIONAL FIELD GEOSCIENCES AND ZOOLOGY</b>	
	<p>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record. Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></p>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the <u>first Repeat Year only</u>. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examinations of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	<p>Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.</p>

<b>BSc (Hons) DEGREE EXAMINATION FOR EARTH SCIENCE AND GEOGRAPHY</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules from their Degree Outlets continued from Third Year to the value of <b>60 credits</b> as follows: <b>Taught modules</b> amounting to 45 credits <u>and</u> a <b>Research Project</b> amounting to 15 credits. See <a href="http://www.ucc.ie/academic/calendar/science/sci003.html">http://www.ucc.ie/academic/calendar/science/sci003.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including Written Examination Profiles) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass the Fourth Science Research Project (15credits) (iii) obtain a pass in modules to the value of at least 50 credits (including the Research Project) (iv) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	The Fourth Science Research Project <u>must</u> be passed to qualify for the award of a BSc (Hons) degree. The class of degree is determined by the following profiling mechanism and to achieve a grade of award, this aggregate must reach or exceed the borderline for the grade or be within the range indicated with at least half of the credits evaluated being attained in or above the grade of award.  First Class: aggregate of at least 840 / 1200 marks (i.e. 70%) or at least 828 / 1200 (i.e.69%), with at least half the credits attained with marks of 70% or above.  Second Class Grade I: aggregate of at least 720 / 1200 marks (i.e. 60%) or at least 708 / 1200 (59%), with at least half the credits attained with marks of 60% or above.  Second Class Grade II: aggregate of at least 600 / 1200 marks (i.e. 50%) or at least 588 / 1200 (49%), with at least half the credits attained with marks of 50% or above.  Third Class: aggregate of at least 540 / 1200 marks (i.e. 45%) or at least 528 / 1200 (44%), with at least half the credits attained with marks of 45% or above.
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate mark of (i) 30% of the aggregate mark of all modules taken in the Third Examination in Science <u>and</u> (ii) 70% of the aggregate mark of all modules taken in the BSc Honours degree Examination
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). o Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i>

<b>BSc (HONS) DEGREE EXAMINATION FOR EARTH SCIENCE AND GEOGRAPHY</b>	
	<ul style="list-style-type: none"> <li>o Students who fail to achieve the pass standard for the year at the Summer Examinations must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the <u>first Repeat Year only</u>. <u>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examinations of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	<b>GENETICS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci007a.html">http://www.ucc.ie/academic/calendar/science/sci007a.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	<p>Students are eligible for the award of honours on the aggregate mark for the year over the Winter, Summer and Autumn Supplemental Examinations, provided the student has passed the year.</p> <p>Honours Standard for the year shall be determined as follows;            First Class Honours: An aggregate of at least 840/1200 marks (i.e. 70% and above)            Second Class Honours Grade 1: An aggregate of at least 720/1200 marks (i.e.60% and above but less than 70%)            Second Class Honours Grade 11: An aggregate of at least 600/1200 marks (i.e 50% and above but less than 60%)            Third Class: aggregate of at least 540/1200 marks (i.e. 45%), and above but less than 50%).</p> <p>Honours are awarded in <b>individual modules</b> as follows:  <b>First Class Honours:</b>            70% - 100% (i.e. at least 70% of the total marks for the module)  <b>Second Class Honours Grade I:</b>            60% - 69% (i.e. at least 60% of the total marks for the module)  <b>Second Class Honours Grade II:</b>            50% - 59% (i.e. at least 50% of the total marks for the module)  <b>Third Class Honours:</b>            45- 49% (i.e. at least 45% of the total marks for the module)</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken</li> </ul>

	into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	Students repeating the year retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci007a.html">http://www.ucc.ie/academic/calendar/science/sci007a.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) obtain a pass in modules to the value of at least 50 credits (iv) obtain a mark of not less than 30% in any remaining module(s).  Note: Students who pass the Third University Examination in Science – GENETICS and qualify to proceed to the final year may opt instead to be conferred with a BSc Ordinary degree.
<b>Honours:</b>	Students are eligible for the award of honours on the aggregate mark for the year over the Winter, Summer and Autumn Supplemental Examinations, provided the student has passed the year.  Honours Standard for the year shall be determined as follows; First Class Honours: An aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade 1: An aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 11: An aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class: aggregate of at least 540/1200 marks (i.e. 45%), and above but less than 50%).  Honours are awarded in <b>individual modules</b> as follows: <b>First Class Honours:</b> 70% - 100% (i.e. at least 70% of the total marks for the module) <b>Second Class Honours Grade I:</b> 60% - 69% (i.e. at least 60% of the total marks for the module) <b>Second Class Honours Grade II:</b> 50% - 59% (i.e. at least 50% of the total marks for the module) <b>Third Class Honours:</b> 45- 49% (i.e. at least 45% of the total marks for the module)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) and (ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the</li> </ul>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the <u>first Repeat Year only</u>.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.</p>

<b>BSc (HONS) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci007a.html">http://www.ucc.ie/academic/calendar/science/sci007a.html</a>
<b>Marks Maxima:</b>	100 per five-credit module, 200 per ten-credit module, 300 per fifteen-credit module, 400 per twenty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (i.e. 40%) across all modules (ii) pass the Fourth Science Research Project (15 credits) (iii) obtain a pass in modules to the value of at least 50 credits (including the Research Project) (iv) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	The Fourth Science Research Project <u>must</u> be passed to qualify for the award of a BSc (Hons) degree. The class of the degree is determined by the following <b>Profiling Mechanism</b> : To achieve a grade of award, this aggregate must reach or exceed the borderline for the grade or be within the range indicated with at least half of the credits evaluated being attained in or above the grade of award. <b>First Class:</b> aggregate of at least 1470/2100 marks (i.e. 70%), or at least 1428/2100 (68%), with at least half the credits attained with marks of 70% or above. <b>Second Class Grade I:</b> aggregate of at least 1260/2100 (i.e. 60%), or at least 1218/2100 (58%), with at least half the credits attained with marks of 60% or above. <b>Second Class Grade II:</b> aggregate of at least 1050/2100 (i.e. 50%), at least 1008/2100 (48%), with at least half the credits attained with marks of 50% or above. <b>Third Class:</b> aggregate of at least 945/2100 marks (i.e. 45%), or at least 903/2100 (43%), with at least half the credits attained with marks of 45% or above. <b>Pass (Honours level):</b> aggregate of at least 840/2100 marks
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of five years from the date a student originally achieved the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>



<b>BSc (HONS) DEGREE EXAMINATION</b>	
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) and (ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science.
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat Year only.</i> <u>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

<b>FINANCIAL MATHEMATICS &amp; ACTUARIAL SCIENCE</b>													
<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>													
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.												
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/academic/calendar/science/sci008.html">http://www.ucc.ie/academic/calendar/science/sci008.html</a>												
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.												
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).												
<b>Honours:</b>	Honours for the year are awarded on the aggregate marks, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions:  <table style="margin-left: 40px;"> <tr> <td>Second Year</td> <td>10%</td> <td>maximum 120 marks</td> </tr> <tr> <td>Third Year</td> <td>40%</td> <td>maximum 480 marks</td> </tr> <tr> <td>Fourth Year</td> <td>50%</td> <td>maximum 600 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>maximum 1200 marks</td> </tr> </table>	Second Year	10%	maximum 120 marks	Third Year	40%	maximum 480 marks	Fourth Year	50%	maximum 600 marks	Total	100%	maximum 1200 marks
Second Year	10%	maximum 120 marks											
Third Year	40%	maximum 480 marks											
Fourth Year	50%	maximum 600 marks											
Total	100%	maximum 1200 marks											
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.												
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i> Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules. Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.												

	<b>FINANCIAL MATHEMATICS &amp; ACTUARIAL SCIENCE</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.

## THIRD UNIVERSITY EXAMINATION in SCIENCE

<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.												
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci008.html">http://www.ucc.ie/academic/calendar/science/sci008.html</a>												
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.												
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).												
<b>Honours:</b>	Honours for the year are awarded on the aggregate marks, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions: <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;">Second Year</td> <td style="padding-right: 20px;">10%</td> <td>maximum 120 marks</td> </tr> <tr> <td>Third Year</td> <td>40%</td> <td>maximum 480 marks</td> </tr> <tr> <td>Fourth Year</td> <td>50%</td> <td>maximum 600 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>maximum 1200 marks</td> </tr> </table>	Second Year	10%	maximum 120 marks	Third Year	40%	maximum 480 marks	Fourth Year	50%	maximum 600 marks	Total	100%	maximum 1200 marks
Second Year	10%	maximum 120 marks											
Third Year	40%	maximum 480 marks											
Fourth Year	50%	maximum 600 marks											
Total	100%	maximum 1200 marks											
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.												
<b>Supplemental Examinations:</b>	Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i> <ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>												

## THIRD UNIVERSITY EXAMINATION in SCIENCE

<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.</p>

<b>BSc (HONS) DEGREE EXAMINATION</b>													
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.												
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci008.html">http://www.ucc.ie/academic/calendar/science/sci008.html</a>												
<b>Marks Maxima:</b>	100 per five-credit module, 200 per ten-credit module, 300 per fifteen-credit module, 400 per twenty-credit module. Total Marks: 1200.												
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).												
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year a candidate must: <ul style="list-style-type: none"> <li>i. obtain an aggregate mark of 480/1200 marks (40%) across all modules</li> <li>ii. obtain a pass in each module in modules to the value of at least 50 credits</li> <li>iii. obtain a mark of not less than 30% in any remaining module(s).</li> </ul>												
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions: <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;">Second Year</td> <td style="padding-right: 20px;">10%</td> <td>maximum 120 marks</td> </tr> <tr> <td>Third Year</td> <td>40%</td> <td>maximum 480 marks</td> </tr> <tr> <td>Fourth Year</td> <td>50%</td> <td>maximum 600 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>maximum 1200 marks</td> </tr> </table>	Second Year	10%	maximum 120 marks	Third Year	40%	maximum 480 marks	Fourth Year	50%	maximum 600 marks	Total	100%	maximum 1200 marks
Second Year	10%	maximum 120 marks											
Third Year	40%	maximum 480 marks											
Fourth Year	50%	maximum 600 marks											
Total	100%	maximum 1200 marks											
<b>Honours:</b>	Honours for the degree will be awarded on the basis of the degree mark as follows: <p><b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p><b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p><b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)</p>												
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of five academic years subsequent to the award of exemption.												
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>												
<b>Repeat Year Examinations:</b>	Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat</i>												

<b>BSc (HONS) DEGREE EXAMINATION</b>	
	<p><i>Year only.</i> Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

<b>BSc Risk &amp; Actuarial Studies</b>	
<b>THIRD UNIVERSITY EXAMINATION IN SCIENCE</b>	
<i>Time:</i>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. All Year 3 examinations, both written and continuous assessment and inclusive of any supplemental examinations, will take place at UCC.
<i>Modules:</i>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/calendar/science/sci021.html">http://www.ucc.ie/calendar/science/sci021.html</a>
<i>Marks Maxima:</i>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<i>Distribution of Marks:</i>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<i>Pass Standard (module level):</i>	The pass standard for each module in the Third Year is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<i>Pass and Progression Standard (programme level):</i>	In order to enter Third Year at UCC, students must have completed and passed two years of study at their home University. Marks for Year 2 are examined by the home University. These are confirmed at a UCC examination board, along with the specific entry requirements as per the College Calendar.  To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<i>Honours:</i>	Honours for the year are awarded on the aggregate marks, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)
<i>Carrying Forward of Marks Towards the Final Degree Award:</i>	The grade for the degree is based on a carry-forward of the aggregate marks in the Third and Fourth Year Examinations, using the following proportions:  Third Year 40% maximum 480 marks Fourth Year 60% maximum 720 marks Total 100% maximum 1200 marks
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<i>Supplemental</i>	Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for



<p><i>Examination:</i></p>	<p>requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></p> <ul style="list-style-type: none"> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<p><i>Repeat Year Examinations:</i></p>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade. In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years. In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</li> </ol>
<p><i>Three Year Rule (or other rule to apply):</i></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.</p>

<b>BSc Risk &amp; Actuarial Studies</b>	
<b>FOURTH UNIVERSITY EXAMINATION IN SCIENCE</b>	
<i>Time:</i>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. All Year 4 examinations, both written and continuous assessment and inclusive of any supplemental examinations, will take place at UCC.
<i>Modules:</i>	Students take modules to the value of <b>60 credits</b> : <a href="http://www.ucc.ie/calendar/science/sci021.html">http://www.ucc.ie/calendar/science/sci021.html</a>
<i>Marks Maxima:</i>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<i>Distribution of Marks:</i>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<i>Pass Standard (module level):</i>	The pass standard for each module in the Fourth Year is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<i>Pass and Progression Standard (programme level):</i>	To pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<i>Honours:</i>	Honours for the degree are awarded on the aggregate marks, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)
<i>Carrying Forward of Marks Towards the Final Degree Award:</i>	The grade for the degree is based on a carry-forward of the aggregate marks in the Third and Fourth Year Examinations, using the following proportions:  Third Year    40%    maximum 480 marks Fourth Year   60%    maximum 720 marks Total            100%    maximum 1200 marks
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<i>Supplemental Examination:</i>	Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i> o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the

	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<i>Repeat Year Examinations:</i>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade. In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<i>Three Year Rule (or other rule to apply):</i>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.</p>

	<b>MATHEMATICAL SCIENCES</b>												
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>												
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.												
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci008.html">http://www.ucc.ie/academic/calendar/science/sci008.html</a>												
<b>Marks Maxima:</b>	100 per five-credit module, 200 per 10-credit module. Total Marks: 1200.												
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).												
<b>Honours:</b>	Honours for the year are awarded on the aggregate marks, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions:  <table style="margin-left: 40px; border: none;"> <tr> <td>Second Year</td> <td style="text-align: center;">10%</td> <td style="text-align: right;">maximum 120 marks</td> </tr> <tr> <td>Third Year</td> <td style="text-align: center;">45%</td> <td style="text-align: right;">maximum 540 marks</td> </tr> <tr> <td>Fourth Year</td> <td style="text-align: center;">45%</td> <td style="text-align: right;">maximum 540 marks</td> </tr> <tr> <td>Total</td> <td style="text-align: center;">100%</td> <td style="text-align: right;">maximum 1200 marks</td> </tr> </table>	Second Year	10%	maximum 120 marks	Third Year	45%	maximum 540 marks	Fourth Year	45%	maximum 540 marks	Total	100%	maximum 1200 marks
Second Year	10%	maximum 120 marks											
Third Year	45%	maximum 540 marks											
Fourth Year	45%	maximum 540 marks											
Total	100%	maximum 1200 marks											
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption												
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> </ul>												

	<b>MATHEMATICAL SCIENCES</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	<ul style="list-style-type: none"> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.

THIRD UNIVERSITY EXAMINATION in SCIENCE													
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.												
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci008.html">http://www.ucc.ie/academic/calendar/science/sci008.html</a>												
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200.												
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).												
<b>Honours:</b>	Honours for the year are awarded on the basis of the aggregate marks, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth University Examinations, using the following proportions: <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;">Second Year</td> <td style="padding-right: 20px;">10%</td> <td>maximum 120 marks</td> </tr> <tr> <td>Third Year</td> <td>45%</td> <td>maximum 540 marks</td> </tr> <tr> <td>Fourth Year</td> <td>45%</td> <td>maximum 540 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>maximum 1200 marks</td> </tr> </table>	Second Year	10%	maximum 120 marks	Third Year	45%	maximum 540 marks	Fourth Year	45%	maximum 540 marks	Total	100%	maximum 1200 marks
Second Year	10%	maximum 120 marks											
Third Year	45%	maximum 540 marks											
Fourth Year	45%	maximum 540 marks											
Total	100%	maximum 1200 marks											
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.												
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of the award of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>												
<b>Repeat Year Examinations:</b>	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.												

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
	<p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.

<b>BSc (HONS) DEGREE EXAMINATION</b>													
<b>Time:</b>	Marks for all modules, including those wholly assessed by continuous assessment, will be presented to the summer examination board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a supplemental examination in autumn with an autumn examination board.												
<b>Modules:</b>	Students take modules to the value of 60 credits as outlined in the calendar (part 1) ( <a href="http://www.ucc.ie/ucc/academic/calendar">www.ucc.ie/ucc/academic/calendar</a> )												
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total marks: 1200.												
<b>Distribution Of Marks:</b>	Distribution of marks and assessment details (including end of year written examination profile) for individual modules are contained in the book of modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )												
<b>Pass Standard (Module Level):</b>	The pass standard for each module is 40%. Special requirements for individual modules, if any, are detailed in the book of modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ). Marks in applied mathematics include computer-based examinations where appropriate.												
<b>Pass And Progression Standard (Programme Level):</b>	To pass fourth year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).												
<b>Carrying Forward Of Marks Towards The Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the second, third and fourth year examinations, using the following proportions: <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;">Second year</td> <td style="padding-right: 20px;">10%</td> <td>Maximum 120 marks</td> </tr> <tr> <td>Third year</td> <td>45%</td> <td>Maximum 540 marks</td> </tr> <tr> <td>Fourth year</td> <td>45%</td> <td>Maximum 540 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>Maximum 1200 marks</td> </tr> </table>	Second year	10%	Maximum 120 marks	Third year	45%	Maximum 540 marks	Fourth year	45%	Maximum 540 marks	Total	100%	Maximum 1200 marks
Second year	10%	Maximum 120 marks											
Third year	45%	Maximum 540 marks											
Fourth year	45%	Maximum 540 marks											
Total	100%	Maximum 1200 marks											
<b>Honours:</b>	Honours for the degree are awarded on the basis of the aggregate marks, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.												
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. Note: For some modules there is no Supplemental Examination.</li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>												
<b>Repeat Year Examinations:</b>	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of												



<b>BSc (Hons) DEGREE EXAMINATION</b>	
	<p>honours in the first Repeat Year only. Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	<b>APPLIED MATHEMATICS &amp; PHYSICS OR MATHEMATICS &amp; PHYSICS - JOINT HONOURS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	<a href="http://www.ucc.ie/ucc/academic/calendar">Students take modules to the value of 60 credits as outlined in the calendar www.ucc.ie/ucc/academic/calendar</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module;
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) <u>across all modules</u> (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the aggregate marks, as follows; <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions:  Second Year 10% maximum 120 marks Third Year 30% maximum 360 marks Fourth Year 60% maximum 720 marks Total 100% maximum 1200 marks
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> </ul>

	<b>APPLIED MATHEMATICS &amp; PHYSICS OR MATHEMATICS &amp; PHYSICS - JOINT HONOURS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	<ul style="list-style-type: none"> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.</p>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>													
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.												
<b>Modules:</b>	<a href="http://www.ucc.ie/ucc/academic/calendar">Students take modules to the value of 60 credits as outlined in the calendar (www.ucc.ie/ucc/academic/calendar)</a>												
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200.												
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).												
<b>Honours:</b>	Honours for the year are awarded on the aggregate mark as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions:  <table style="margin-left: 20px; border: none;"> <tr> <td>Second Year</td> <td>10%</td> <td>maximum 120 marks</td> </tr> <tr> <td>Third Year</td> <td>30%</td> <td>maximum 360 marks</td> </tr> <tr> <td>Fourth Year</td> <td>60%</td> <td>maximum 720 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>maximum 1200 marks</td> </tr> </table>	Second Year	10%	maximum 120 marks	Third Year	30%	maximum 360 marks	Fourth Year	60%	maximum 720 marks	Total	100%	maximum 1200 marks
Second Year	10%	maximum 120 marks											
Third Year	30%	maximum 360 marks											
Fourth Year	60%	maximum 720 marks											
Total	100%	maximum 1200 marks											
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.												

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i> 1</li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.</p>

<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> as outlined in the calendar <a href="http://www.ucc.ie/ucc/academic/calendar">www.ucc.ie/ucc/academic/calendar</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions:  Second Year 10% maximum 120 marks Third Year 30% maximum 360 marks Fourth Year 60% maximum 720 marks Total 100% maximum 1200 marks
<b>Honours:</b>	Honours for the degree are awarded as follows:  <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> </ul>

BSc (Hons) DEGREE EXAMINATION	
	<ul style="list-style-type: none"> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> <li>○ If the Research Project module (PY4069) is failed then this must be re-taken in a Repeat Year</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. <u>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	<b>MATHEMATICAL SCIENCES &amp; PHYSICS - JOINT HONOURS</b>												
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>												
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.												
<b>Modules:</b>	Students take modules to the value of 60 credits as outlined in the calendar ( <a href="http://www.ucc.ie/ucc/academic/calendar">www.ucc.ie/ucc/academic/calendar</a> )												
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.												
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ). Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are also contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).												
<b>Honours:</b>	Honours for the year are awarded on the aggregate marks, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions:  <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;">Second Year</td> <td style="padding-right: 20px;">10%</td> <td>maximum 120 marks</td> </tr> <tr> <td>Third Year</td> <td>40%</td> <td>maximum 480 marks</td> </tr> <tr> <td>Fourth Year</td> <td>50%</td> <td>maximum 600 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>maximum 1200 marks</td> </tr> </table>	Second Year	10%	maximum 120 marks	Third Year	40%	maximum 480 marks	Fourth Year	50%	maximum 600 marks	Total	100%	maximum 1200 marks
Second Year	10%	maximum 120 marks											
Third Year	40%	maximum 480 marks											
Fourth Year	50%	maximum 600 marks											
Total	100%	maximum 1200 marks											
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.												
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the</li> </ul>												



	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<p><b>Repeat Year Examinations:</b></p>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p><b>Three Year Rule:</b></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.</p>

<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.												
<b>Modules:</b>	Students take modules to the value of 60 credits as outlined in the calendar ( <a href="http://www.ucc.ie/ucc/academic/calendar">www.ucc.ie/ucc/academic/calendar</a> )												
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.												
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ). Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are also contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).												
<b>Honours:</b>	Honours for the year are awarded on the aggregate marks, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions: <table style="margin-left: 40px; border: none;"> <tr> <td>Second Year</td> <td>10%</td> <td>maximum 120 marks</td> </tr> <tr> <td>Third Year</td> <td>40%</td> <td>maximum 480 marks</td> </tr> <tr> <td>Fourth Year</td> <td>50%</td> <td>maximum 600 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>maximum 1200 marks</td> </tr> </table>	Second Year	10%	maximum 120 marks	Third Year	40%	maximum 480 marks	Fourth Year	50%	maximum 600 marks	Total	100%	maximum 1200 marks
Second Year	10%	maximum 120 marks											
Third Year	40%	maximum 480 marks											
Fourth Year	50%	maximum 600 marks											
Total	100%	maximum 1200 marks											
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.												
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>												

<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year. 1</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <ul style="list-style-type: none"> <li>○ In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</li> </ul>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.

<b>BSc (Hons) DEGREE EXAMINATION</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.

<b>Modules:</b>	Students take modules to the value of 60 credits as outlined in the calendar (part 1) ( <a href="http://www.ucc.ie/ucc/academic/calendar">www.ucc.ie/ucc/academic/calendar</a> )												
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.												
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).												
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).												
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions:  <table style="margin-left: 40px; border: none;"> <tr> <td>Second Year</td> <td>10%</td> <td>maximum 120 marks</td> </tr> <tr> <td>Third Year</td> <td>40%</td> <td>maximum 480 marks</td> </tr> <tr> <td>Fourth Year</td> <td>50%</td> <td>maximum 600 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>maximum 1200 marks</td> </tr> </table>	Second Year	10%	maximum 120 marks	Third Year	40%	maximum 480 marks	Fourth Year	50%	maximum 600 marks	Total	100%	maximum 1200 marks
Second Year	10%	maximum 120 marks											
Third Year	40%	maximum 480 marks											
Fourth Year	50%	maximum 600 marks											
Total	100%	maximum 1200 marks											
<b>Honours:</b>	Honours for the degree are awarded on the aggregate marks, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.												
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>												
<b>Repeat Year Examinations:</b>	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.												

	<p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.

	<b>PHYSICS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci009.html">http://www.ucc.ie/academic/calendar/science/sci009.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<p><b>For students graduating in 2020</b></p> <p>The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.</p> <p>2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of</p>

	<b>PHYSICS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	<p>120 marks) 3rd Year: 30% of the third year mark in Physics Modules (scaled to a maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p> <p>All modules are taken into account when calculating the 4th year contribution.</p> <p><b>For students graduating in 2021</b></p> <p>The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.</p> <p>2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks) 3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p> <p>All modules are taken into account when calculating the 3<sup>rd</sup> and 4th year contributions.</p> <p><b>For students graduating in 2022</b></p> <p>The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.</p> <p>2nd Year: 10% of the overall second year mark (maximum of 120 marks) 3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p> <p>All modules are taken into account when calculating the 2nd, 3rd and 4th year contributions.</p>
<b>Honours:</b>	<p>Honours for the year are awarded on the aggregate mark as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p><b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p><b>Third Class Honours:</b> an aggregate of at least 540/12 00 marks (i.e. 45% and above but less than 50%)</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat</li> </ul>

	<b>PHYSICS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	<p>Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b><i>Repeat Year Examinations:</i></b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b><i>Three Year Rule:</i></b>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.</p>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci009.html">http://www.ucc.ie/academic/calendar/science/sci009.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth year a candidate <u>must</u> : (i) pass the Third University Examination in Science (ii) obtain an overall aggregate pass of 40% (i.e. 480/1200 marks) across all modules (iii) pass modules to the value of at least 50 credits. (iv) obtain a mark of not less than 30% in any remaining module(s). Students who pass the Third University Examination and qualify to proceed into Fourth Science may opt instead to be conferred with a BSc Ordinary Degree. Students who pass the Third University Examination in Science, but do not qualify to proceed into Fourth Science will be awarded a BSc Ordinary Degree.
<b>Honours:</b>	Honours for the year are awarded on the aggregate mark, as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<b>For students graduating in 2020</b> The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows. 2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks) 3rd Year: 30% of the third year mark in Physics Modules (scaled to a maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks) All modules are taken into account when calculating the 4th year contribution. <b>For students graduating in 2021</b> The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows. 2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks)



<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
	<p>3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p> <p>All modules are taken into account when calculating the 3<sup>rd</sup> and 4th year contributions.</p> <p><b>For students graduating in 2022</b></p> <p>The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.</p> <p>2nd Year: 10% of the overall second year mark (maximum of 120 marks) 3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p> <p>All modules are taken into account when calculating the 2nd, 3rd and 4th year contributions.</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/modules/">www.ucc.ie/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination Board.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks achieved in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass 40%. The actual mark achieved by the candidate will be recorded on the student record</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board,</p>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
	<p>provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year the original programme level judgement and associated marks will be awarded by the Examination Board</p>
<b><i>Three Year Rule:</i></b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme

<b>BSc (HONS) DEGREE EXAMINATION – PHYSICS</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci009.html">http://www.ucc.ie/academic/calendar/science/sci009.html</a>
<b>Marks Maxima:</b>	200 per ten-credit module; 400 per twenty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <b>must</b> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the aggregate mark as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<b>For students graduating in 2020</b>  The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.  2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks) 3rd Year: 30% of the third year mark in Physics Modules (scaled to a maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)  All modules are taken into account when calculating the 4th year contribution.  <b>For students graduating in 2021</b>  The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.  2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks) 3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)  All modules are taken into account when calculating the 3 <sup>rd</sup> and 4th year contributions.  <b>For students graduating in 2022</b>

<b>BSc (HONS) DEGREE EXAMINATION – PHYSICS</b>	
	<p>The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.</p> <p>2nd Year: 10% of the overall second year mark (maximum of 120 marks) 3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p> <p>All modules are taken into account when calculating the 2nd, 3rd and 4th year contributions.</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/modules/">www.ucc.ie/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination Board.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks achieved in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass 40%. The actual mark achieved by the candidate will be recorded on the student record</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. <u><i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing</p>

<b>BSc (Hons) DEGREE EXAMINATION – PHYSICS</b>	
	module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.
<b><i>Three Year Rule:</i></b>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	<b>ASTROPHYSICS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci009.html">http://www.ucc.ie/academic/calendar/science/sci009.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<p><b>For students graduating in 2020</b></p> <p>The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.</p> <p>2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks) 3rd Year: 30% of the third year mark in Physics Modules (scaled to a maximum of 360 marks) 4th Year: 60% of the fourth year mark in Physics Modules (scaled to a maximum of 720 marks)</p> <p><b>For students graduating in 2021</b></p> <p>The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.</p> <p>2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks) 3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p> <p>All modules are taken into account when calculating the 3<sup>rd</sup> and 4th year contributions.</p> <p><b>For students graduating in 2022</b></p> <p>The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.</p> <p>2nd Year: 10% of the overall second year mark (maximum of 120 marks) 3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p>

	<b>ASTROPHYSICS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	All modules are taken into account when calculating the 2nd, 3rd and 4th year contributions.
<b>Honours:</b>	<p>Honours for the year are awarded on the aggregate mark as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p><b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p><b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/modules/">www.ucc.ie/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination Board.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks achieved in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p>

	<b>ASTROPHYSICS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>
	In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year the original programme level judgement and associated marks will be awarded by the Examination Board.
<b><i>Three Year Rule:</i></b>	Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.



<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year-at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci009.html">http://www.ucc.ie/academic/calendar/science/sci009.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth year a candidate <u>must</u> : (v) pass the Third University Examination in Science (vi) obtain an overall aggregate pass of 40% (i.e. 480/1200 marks) across all modules (vii) pass modules to the value of at least 50 credits. (viii) obtain a mark of not less than 30% in any remaining module(s). Students who pass the Third University Examination and qualify to proceed into Fourth Science may opt instead to be conferred with a BSc Ordinary Degree. Students who pass the Third University Examination in Science, but do not qualify to proceed into Fourth Science will be awarded a BSc Ordinary Degree.
<b>Honours:</b>	Honours for the year are awarded on the aggregate mark as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<b>For students graduating in 2020</b> The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows. 2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks) 3rd Year: 30% of the third year mark in Physics Modules (scaled to a maximum of 360 marks) 4th Year: 60% of the fourth year mark in Physics Modules (scaled to a maximum of 720 marks)  <b>For students graduating in 2021</b> The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows. 2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks)

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
	<p>3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p> <p>All modules are taken into account when calculating the 3<sup>rd</sup> and 4th year contributions.</p> <p><b>For students graduating in 2022</b></p> <p>The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.</p> <p>2nd Year: 10% of the overall second year mark (maximum of 120 marks) 3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p> <p>All modules are taken into account when calculating the 2nd, 3rd and 4th year contributions.</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/modules/">www.ucc.ie/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination Board.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks achieved in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed in a</p>

<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>	
	<p>previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b><i>Three Year Rule:</i></b>	Candidates must pass/progress within 3 academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme

<b>BSc (HONS) DEGREE EXAMINATION – ASTROPHYSICS</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> <a href="http://www.ucc.ie/academic/calendar/science/sci009.html">http://www.ucc.ie/academic/calendar/science/sci009.html</a>
<b>Marks Maxima:</b>	200 per ten-credit module; 400 per twenty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Honours for the year are awarded on the aggregate mark as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	<b>For students graduating in 2020</b>  The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.  2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks) 3rd Year: 30% of the third year mark in Physics Modules (scaled to a maximum of 360 marks) 4th Year: 60% of the fourth year mark in Physics Modules (scaled to a maximum of 720 marks)  <b>For students graduating in 2021</b>  The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.  2nd Year: 10% of the second year mark in Physics Modules (scaled to a maximum of 120 marks) 3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)  All modules are taken into account when calculating the 3 <sup>rd</sup> and 4 <sup>th</sup> year contributions.

<b>BSc (HONS) DEGREE EXAMINATION – ASTROPHYSICS</b>	
	<p><b>For students graduating in 2022</b></p> <p>The overall degree mark (maximum 1200 marks) is calculated from the aggregate Second, Third and Fourth years marks as follows.</p> <p>2nd Year: 10% of the overall second year mark (maximum of 120 marks) 3rd Year: 30% of the overall third year mark (maximum of 360 marks) 4th Year: 60% of the overall fourth year mark (maximum of 720 marks)</p> <p>All modules are taken into account when calculating the 2nd, 3rd and 4th year contributions.</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/modules/">www.ucc.ie/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination Board.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks achieved in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements.</p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing</p>

	<b>BSc (Hons) DEGREE EXAMINATION – ASTROPHYSICS</b>
	module(s) already passed in a previous year the original programme level judgement and associated marks will be awarded by the Examination Board.
<i>Three Year Rule:</i>	Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	<b>APPLIED MATHEMATICS AND PHYSICS OR MATHEMATICS AND PHYSICS - JOINT HONOURS</b>
	<b>SECOND UNIVERSITY EXAMINATION in SCIENCE</b>

Please see page 137

	<b>THIRD UNIVERSITY EXAMINATION in SCIENCE</b>
--	--

Please see page 139

	<b>BSc (Hons) DEGREE EXAMINATION</b>
--	--------------------------------------

Please see page 141

	BSc in INDUSTRIAL PHYSICS
	<b>FIRST UNIVERSITY EXAMINATION IN INDUSTRIAL PHYSICS</b>
<i>Time:</i>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<i>Modules:</i>	Students take modules to the value of 60 credits: <a href="http://www.ucc.ie/calendar/science/sci002.html">http://www.ucc.ie/calendar/science/sci002.html</a>
<i>Marks Maxima:</i>	100 per 5-credit module; 200 per 10-credit module. Total Marks: 1200.
<i>Distribution of Marks:</i>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )

<i>Pass Standard (module level):</i>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<i>Pass and Progression Standard (programme level):</i>	To pass First Year and progress to Second Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 45 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<i>Honours:</i>	Honours will not be awarded in the First University Examination in Science.
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of 5 academic years (2 in the case of Computer Science modules) subsequent to the award of the exemption.
<i>Supplemental Examination:</i>	<ul style="list-style-type: none"> <li>• Supplemental Examinations for Semesters 1 and 2 will be held in August.</li> <li>• Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. Note: For some modules there is no Supplemental Examination.</li> <li>• Students who fail to achieve the pass standard for the year at the Summer Examination board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>• The pass/progression rule is applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>• Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<i>Repeat Year Examinations:</i>	<i>Students repeating the year retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation/progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on marks awarded for those modules at the Summer Examination board of a Repeat Year.</i>
<i>Three Year Rule (or other rule to apply):</i>	Candidates must pass/progress within 3 academic years of the date of first registration for 1st Year, otherwise they cannot continue in the programme

	BSc IN INDUSTRIAL PHYSICS
	<b>SECOND UNIVERSITY EXAMINATION IN INDUSTRIAL PHYSICS</b>
<i>Time:</i>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Not all modules may offer Autumn Supplementary Examinations.
<i>Modules:</i>	Students take modules to the value of 60 credits <a href="http://www.ucc.ie/academic/calendar/science/sci009.html">http://www.ucc.ie/academic/calendar/science/sci009.html</a>

<i>Marks Maxima:</i>	100 per 5-credit module; 200 per 10-credit module. Total Marks: 1200.
<i>Distribution of Marks:</i>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<i>Pass Standard (module level):</i>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<i>Pass and Progression Standard (programme level):</i>	To pass Second Year and progress to Third Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<i>Honours:</i>	Honours for the year are awarded on the aggregate mark as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<i>Supplemental Examination:</i>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August. o Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. Note: For some modules there is no Supplemental Examination.</li> <li>o Students who fail to achieve the pass standard at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<i>Repeat Year Examinations:</i>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> <li>(1) Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year 2.</li> <li>(2) Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</li> </ol>



	<p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<i>Three Year Rule (or other rule to apply):</i>	Candidates must pass/progress within 3 academic years of the date of first registration for 2nd Year otherwise they cannot continue in the programme

	BSc IN INDUSTRIAL PHYSICS
	<b>THIRD UNIVERSITY EXAMINATION IN INDUSTRIAL PHYSICS</b>
<i>Time:</i>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Not all modules may offer Autumn Supplementary Examinations.
<i>Modules:</i>	Students take modules to the value of 60 credits <a href="http://www.ucc.ie/academic/calendar/science/sci009.html">http://www.ucc.ie/academic/calendar/science/sci009.html</a>
<i>Marks Maxima:</i>	100 per 5-credit module; 200 per 10-credit module, 300 per 15-credit module. Total Marks: 1200.
<i>Distribution of Marks:</i>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<i>Pass Standard (module level):</i>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<i>Pass and Progression Standard (programme level):</i>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<i>Honours:</i>	Honours for the year are awarded on the aggregate mark as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<i>Exit award:</i>	
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<i>Supplemental Examination:</i>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August. o Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules. Note: For some modules there is no Supplemental Examination.</li> <li>o Students who fail to achieve the pass standard at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<i>Repeat Year Examinations:</i>	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only.

	<p>(1) Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year 2.</p> <p>(2) Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p><i>Three Year Rule (or other rule to apply):</i></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for 3rd Year otherwise they cannot continue in the programme.</p>

	BSc IN INDUSTRIAL PHYSICS
	<b>BSc (HONOURS) DEGREE EXAMINATION IN INDUSTRIAL PHYSICS</b>
<i>Time:</i>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Not all modules may offer Autumn Supplementary Examinations.
<i>Modules:</i>	Students take modules to the value of 60 credits <a href="http://www.ucc.ie/academic/calendar/science/sci009.html">http://www.ucc.ie/academic/calendar/science/sci009.html</a>
<i>Marks Maxima:</i>	100 per 5-credit module; 200 per 10-credit module, 300 per 15-credit module. Total Marks: 1200.
<i>Distribution of Marks:</i>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<i>Pass Standard (module level):</i>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<i>Pass and Progression Standard (programme level):</i>	To pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<i>Honours:</i>	Honours for the year are awarded on the aggregate mark as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<i>Carrying Forward Of Marks Towards The Final Degree Award:</i>	Carrying Forward Of Marks Towards The Final Degree Award: The grade for the degree is based on a carry-forward of aggregate marks in the second, third and fourth year examinations, using the following proportions: Second year 10% Maximum 120 marks Third year 30% Maximum 360 marks Fourth year 60% Maximum 720 marks Total 100% Maximum 1200 marks.
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<i>Supplemental Examination:</i>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. Note: For some modules there is no Supplemental Examination.</li> <li>o Students who fail to achieve the pass standard at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<i>Repeat Year Examinations:</i>	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i>

	<p>(1) Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year 2.</p> <p>(2) Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p><i>Three Year Rule (or other rule to apply):</i></p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for 4th Year otherwise they cannot continue in the programme.</p>

<b>BSc (Hons) DEGREE EXAMINATION (INTERCALATED)</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take modules to the value of <b>60 credits</b> from the subjects offered as follows: <b>Anatomy, Biochemistry, Pathology, Pharmacology, and Physiology.</b> See: Note: the 4 <sup>th</sup> year BSC Physiology (Hons) Degree Programme consists of 40 credits of taught modules and a 20 credit research project. <a href="http://www.ucc.ie/academic/calendar/science/sci003.html">http://www.ucc.ie/academic/calendar/science/sci003.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module; 400 per twenty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits including the research project. <i>Note: Students taking <b>Physiology</b> must pass modules to the value of 50 credits as follows (all Physiology modules are worth 5 credits, except the research project module PL4020 which is worth 20 credits):</i> (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	The class of the degree is determined by the following <b><u>Profiling Mechanism:</u></b>  To achieve a grade of award, this aggregate must reach or exceed the borderline for the grade or be within the range indicated with at least half of the credits evaluated being attained in or above the grade of award. First Class: aggregate of at least 840/1200 marks (70%), or at least 816/1200 marks (68%), with at least half the credits attained with marks of 70% or above. Second Class Grade I: aggregate of at least 720/1200 marks (60%), or at least 696/1200 marks (58%), with at least half the credits attained with marks of 60% or above. Second Class Grade II: aggregate of at least 600/1200 marks (50%), or at least 576/1200 marks (48%), with at least half the credits attained with marks of 50% or above. Third Class: aggregate of at least 540/1200 marks (45%), or at least 516/1200 marks (43%), with at least half the credits attained with marks of 45% or above.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years (or 2 in the case of Computer Science modules) subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> </ul> <p>Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the</p>

<b>BSc (Hons) DEGREE EXAMINATION (INTERCALATED)</b>	
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <p>The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</p> <p>Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</p> <p>If the Research Project module is failed then this must be re-taken in a Repeat Year.</p>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. <u>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</u></p> <ol style="list-style-type: none"> <li>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <u>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</u></li> <li>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></li> </ol> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<b>Three Year Rule:</b>	<p>Candidates must pass within 3 academic years of the date of first registration for BSc (Hons) Degree (Intercalated), otherwise they cannot continue in the programme.</p>

## DIPLOMAS

	<b>COMPUTER SCIENCE</b>
	<b>DIPLOMA IN COMPUTER STUDIES</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> : at least 40 credits of undergraduate Computer Science modules, and up to 20 credits in other subjects. <a href="http://www.ucc.ie/calendar/science/sci018.html">http://www.ucc.ie/calendar/science/sci018.html</a>
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To be eligible for the award of the Diploma in Computer Studies, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits; (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	Students will be eligible for the award of honours on the basis of the marks achieved over the Spring, Summer and Autumn Supplemental Examinations. Honours will be awarded on aggregate as follows: <b>First Class</b> : an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class, Grade I</b> : an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class, Grade II</b> : an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Third Class</b> : an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 3 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</li> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></li> <li>○ Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> </ul>



	<b>COMPUTER SCIENCE</b>
	<b>DIPLOMA IN COMPUTER STUDIES</b>
	<ul style="list-style-type: none"> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	<b>IEO to advise re visa implications</b>
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for the programme; otherwise they cannot continue in the programme.

	<b>STATISTICS</b>
	<b>DIPLOMA IN STATISTICAL STUDIES</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. There is no Autumn Supplemental Examination for the module, ST4099 Project.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>60 credits</b> , to include 20 credits of undergraduate Statistics modules from CK407 degree outlets, which must include ST4099 Project (30 credits), and up to 10 credits from other undergraduate modules.
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 600 per thirty-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To be eligible for the award of the Diploma in Statistics , a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules; (ii) pass modules to the value of at least 50 credits; (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Supplemental Examinations:</b>	Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for ST4099.</i>

<b>Diploma in Biological Sciences</b>	
<i>Time:</i>	Marks for all modules in Semester 1 and 2 will be presented to the Summer Examination Board. For students failing to achieve the pass standard in at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board
<i>Modules:</i>	Students take modules to the value of 60 credits as listed in the College calendar and book of modules
<i>Marks Maxima:</i>	100 per 5 credit module; 200 per 10 credit module. Total Marks - 1200 marks
<i>Distribution of Marks:</i>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<i>Pass Standard module level</i>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the book of modules.
<i>Pass Standard (programme level)</i>	<p>To pass the Diploma, students must</p> <ul style="list-style-type: none"> <li>(i) Obtain an aggregate mark of 40% (i.e. at least 480/1200 marks) across all taught modules</li> <li>(ii) obtain a pass in each module in modules to the value of 50 credits</li> <li>(iii) Obtain a mark of not less than 30% in any remaining modules</li> </ul>
<i>Honours:</i>	<p>Students will be eligible for the award of honours on the basis of the marks achieved over the Summer and Autumn Supplemental Examinations.</p> <p>Honours will be awarded on aggregate as follows:</p> <p>First Class: an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p>Second Class, Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class, Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)</p>
<i>Exit Award</i>	N/A

<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of 3 academic years subsequent to the award of the exemption.
<i>Supplemental Examination:</i>	<p>Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</p> <ul style="list-style-type: none"> <li>o Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. Note: For some modules there is no Supplemental Examination.</li> <li>o Students who fail Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o Capping of Marks at a Supplemental examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<i>Repeat Year Examinations:</i>	IEO to advise re: visa applications.

	<b>Diploma in Environmental and Geological Sciences</b>
<i>Time:</i>	Marks for all modules in Semester 1 and 2 will be presented to the Summer Examination Board. For students failing to achieve the pass standard at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board
<i>Modules:</i>	Students take 60 credits: <a href="http://www.ucc.ie/calendar/xxx/xxx/xxxxxx.html">http://www.ucc.ie/calendar/xxx/xxx/xxxxxx.html</a>
<i>Marks Maxima:</i>	100 per five-credit module, 200 per ten-credit module Total Marks - 1200 marks
<i>Distribution of Marks:</i>	Distribution of marks and assessment details (including Formal Written Examination Profile) for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a> ).
<i>Pass Standard (module level):</i>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules.
<i>Pass Standard (programme level):</i>	To pass the Diploma in Environmental and Geological Sciences, a candidate must:

	<p>(i) obtain an aggregate mark of 40% (i.e. at least 480/1200 marks) across all taught modules</p> <p>(ii) obtain a pass in each module in modules to the value of 50 credits.</p> <p>(iii) obtain a mark of not less than 30% in any remaining module(s)</p>
<i>Honours:</i>	<p>Students will be eligible for the award of honours on the basis of the marks achieved over the Summer Examination and Autumn Supplemental Examination Boards.</p> <p>Honours will be awarded on aggregate as follows:</p> <p>First Class: an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p>Second Class, Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class, Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)</p>
<i>Exit award:</i>	N/A
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of 3 academic years subsequent to the award of the exemption
<i>Supplemental Examination:</i>	<p>Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</p> <p>o Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. Note: For some modules there is no Supplemental Examination.</p> <p>o Students who fail to achieve the pass standard for the programme must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <p>o Capping of Marks at a Supplemental examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</p>
<i>Repeat Year Examinations:</i>	IEO to advise re: visa applications
<i>Three Year Rule (or other rule to apply):</i>	N/A

## POSTGRADUATE PROGRAMMES

MSc QUALIFYING EXAMINATION	
	One Subject
<b>Time:</b>	As for the relevant BSc (Hons) Degree Examination.
<b>Modules:</b>	As for the relevant BSc (Hons) Degree Examination.
<b>Marks Maxima:</b>	As for the relevant BSc (Hons) Degree Examination.
<b>Qualifying Standard:</b>	55%

## MASTERS' DEGREES

MSc DEGREE EXAMINATION	
<b>MSc Degree – Mode I</b>	<p>The MSc Degree by Mode I – Research is an Honours Degree.</p> <p>MSc Degrees by Mode I – Research are available in the following subjects: Anatomy (Neuroscience); Applied Mathematics; Aquaculture; Biochemistry; Chemistry; Computer Science; Ecology; Environmental Science; Fisheries Management, Development and Conservation; Geography; Geology; Materials Science; Mathematical Physics; Mathematics; Microbiology; Pharmacology; Physics; Physiology; Plant Science; Statistics; <b>and</b> Zoology.</p>
<b>MSc Degree – Mode II and III:</b>	<p>The MSc Degree by Mode II – Coursework, Examination and Dissertation and Mode III – External Studies Research may be awarded with First and Second Class Honours.</p> <p>MSc Degrees by Mode II – Coursework, Examination and Dissertation – are available in the following subjects: Interactive Media (full-time and part-time) and Photonics.</p> <p>MSc Degrees by Mode II – Coursework, Examination and Dissertation – are available in the following subjects:</p> <ul style="list-style-type: none"> <li>Actuarial Science</li> <li>Analysis of Pharmaceutical Compounds</li> <li>Bioinformatics and Computational Biology</li> <li>Analytical Chemistry</li> <li>Biotechnology</li> <li>Computing Science</li> <li>Data Science and Analytics</li> <li>Ecological Assessment</li> <li>Environmental Analytical Chemistry</li> <li>Food Microbiology</li> <li>Food Science</li> <li>Freshwater Quality Monitoring and Assessment</li> <li>Geographical Information Systems and Remote Sensing</li> <li>Interactive Media</li> <li>Marine Biology</li> <li>Molecular Cell Biology</li> <li>Software and Systems for Mobile Networks</li> </ul> <p>MSc Mode II: At the end of Part 1, candidates must sit an examination on all courses taken and obtain at least a pass level (40%) in order to proceed to Part 2. This standard must be reached at the first attempt.</p>
<b>Honours:</b>	<p><b>Modes II and III:</b></p> <p>First Class:                      70% - 100%</p>

<b>MSc DEGREE EXAMINATION</b>
Second Class:      60% - 69%

## MSC DEGREES

<b>General Regulations:</b>	<p>Admission to MSc degrees is either direct from BSc (Hons) or <i>via</i> the corresponding Higher Diploma in Applied Science. Direct entry students take courses and complete a research project over a period of one to one-and-a-half years. Students entering <i>via</i> the Higher Diploma route complete a Research Project and may be required to take some courses over a period of one year. The details vary for the individual degree programmes.</p> <p><i>Note: Students who entered directly from the BSc (Hons) and who achieve an average mark of 40-54% after repeating any failed modules once may be awarded a Higher Diploma in Applied Science on the recommendation of the examiners and will not be considered further for the MSc in Applied Science degrees. Students who entered via the Higher Diploma and who achieve less than 55% will not be awarded an MSc in Applied Science.</i></p> <p><u>Mode II - Coursework, Examination and Dissertation:</u></p> <p>The examination consists of written papers based on modules studied, together with submission of a thesis/dissertation based on project work.</p> <p>The written examinations will usually be held in Summer at the end of the course work. An average mark of at least Second Class Honours Grade II Standard, with no mark of less than 40%, must be achieved as a prerequisite for submission of the dissertation. Candidates will be allowed to repeat any failed modules once in the Autumn to attain this grade.</p> <p>The dissertation should usually be submitted within 6 terms of the start date of the course of study.</p>						
<b>Honours:</b>	<table style="width: 100%; border: none;"> <tr> <td style="padding-right: 20px;">First Class</td> <td>70% - 100%</td> </tr> <tr> <td>Second Class Grade I:</td> <td>60% - 69%</td> </tr> <tr> <td>Second Class Grade II:</td> <td>55% - 59%</td> </tr> </table> <p>The details of Written and Year's Work are given below for each subject.</p>	First Class	70% - 100%	Second Class Grade I:	60% - 69%	Second Class Grade II:	55% - 59%
First Class	70% - 100%						
Second Class Grade I:	60% - 69%						
Second Class Grade II:	55% - 59%						

## BIOCHEMISTRY AND CELL BIOLOGY

<b>MSC BIOTECHNOLOGY</b>	
<b>Time:</b>	<p>Written Examinations will be held in Spring. Marks for all taught modules including those wholly assessed by Continuous Assessment will be presented to the Spring Examination Board. For students failing to achieve the pass standard in the taught modules, there will be a Supplemental Examination in Autumn with an Autumn Examination Board</p> <p>The Dissertation should be submitted to the School of Biochemistry and Cell Biology. The Dissertation will be considered at the Winter Board. For students failing to achieve the pass standard in the Dissertation, or for students who fail to submit, there will be no repeat provision for dissertation</p>
<b>Modules:</b>	Candidates take modules to the value of <b>90</b> credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#3">http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#3</a>
<b>Marks Maxima:</b>	100 per five---credit module, 200 per ten---credit module, 800 for BT6002 (40 credits). Total Marks 1800
<b>Distribution of Marks:</b>	<p style="text-align: right;">Taught Modules: 1000 marks</p> <p style="text-align: right;">Research Dissertation: 800 marks</p> <p style="text-align: right;">Total Marks: 1800</p>
<b>Pass Standard (module level):</b>	<p>The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i>, (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>).</p> <p>On the recommendation of the School of Biochemistry and Cell Biology an Examination Board may decide that a dissertation is a borderline pass/fail and may agree to permit the student to make minor corrections to achieve the pass standard for the Dissertation within six weeks of the publication of examination results.</p>
<b>Pass and Progression Standard (programme level):</b>	<p>MSc in Biotechnology: To progress to the Research Dissertation a candidate must achieve at least 40% in each of the taught modules and attain an overall aggregate of 50% at the first attempt in the taught modules.</p> <p>In the case of student achieving the aggregate of 50% at the first attempt but failing a module of 5/10 credits, such students can repeat at most 10 credits at the Autumn Supplemental examinations.</p> <p>All written examinations and Research Dissertation must be passed separately.</p>
<b>Postgraduate Certificate in Biotechnology Exit Awards:</b>	<p>Students who pass all written modules but fail to achieve the aggregate of 50% may opt to exit the programme and be awarded a Postgraduate Certificate in Biotechnology.</p> <p>Similarly, students who pass the taught modules and do not wish to complete the research dissertation may opt to be conferred with a Postgraduate Certificate in Biotechnology.</p> <p>Students who fail the research dissertation will be conferred with a Postgraduate Certificate in Biotechnology.</p>
<b>Honours:</b>	<p>Students will be eligible for the award of honours on the basis of the marks achieved over the Spring and Autumn Supplemental Examinations. Honours will be awarded on aggregate as follows:</p> <p>MSc in Biotechnology:</p> <p><b>First Class Honours:</b> an aggregate of at least 1260/1800 marks (i.e. 70% and above)</p> <p><b>Second Class Honours:</b> an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)</p> <p><b>Pass:</b> an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 60%)</p>



MSC BIOTECHNOLOGY	
	<p>Postgraduate Certificate in Biotechnology:  <b>First Class Honours:</b> an aggregate of at least 700/1000 marks (i.e. 70% and above)  <b>Second Class Honours:</b> an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%)  <b>Pass:</b> an aggregate of at least 400/1000 marks (i.e. 40% and above but less than 60%)</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for the Research Dissertation.</i></li> <li>○ Students who fail to achieve the pass standard for any taught module at the Summer Examination will be permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>○ Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass &amp; progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.

<b>MSc Molecular Cell Biology with Bioinnovation</b>	
<b>Time:</b>	<p>Taught modules will be examined by formal Written Examination and Continuous Assessment. Marks for all taught modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination, there will be a Supplemental Examination in Autumn with results returned to the Autumn Examination Board.</p> <p>The Research Dissertation must be submitted to the School of Biochemistry and Cell Biology. The Dissertation will be considered at Winter Examination Board with no Supplemental Examination. There is no repeat provision for the Dissertation.</p>
<b>Modules:</b>	Candidates take modules to the value of <b>90</b> credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#molecular">http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#molecular</a>
<b>Marks Maxima:</b>	100 per five---credit module, 200 per ten---credit module, 800 for BT6002 (40 credits). Total Marks 1800
<b>Distribution of Marks:</b>	<p>Taught Modules: 1000 marks</p> <p>Research Dissertation: 800 marks</p> <p>Total Marks: 1800</p>
<b>Pass Standard (module level):</b>	<p>The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i>, (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>).</p> <p>On the recommendation of the School of Biochemistry and Cell Biology an Examination Board may decide that a dissertation is a borderline pass/fail and may agree to permit the student to make minor corrections to achieve the pass standard for the Dissertation within six weeks of the publication of examination results.</p>
<b>Pass and Progression Standard (programme level):</b>	<p>MSc in Molecular Cell Biology with Bioinnovation: To progress to the Research Dissertation a candidate must achieve at least 40% in each of the taught modules and attain an overall aggregate of 50% at the first attempt in the taught modules.</p> <p>In the case of student achieving the aggregate of 50% at the first attempt but failing a module of 5/10 credits, such students can repeat at most 10 credits at the Autumn Supplemental examinations.</p>
<b>Postgraduate Certificate in Molecular Cell Biology with Bioinnovation Exit Awards:</b>	<p>Postgraduate Certificate in Molecular Cell Biology: Students passing modules to the value of at least 30 credits (including ML6004, ML6006, ML6002 and ML6005) and achieving an aggregate pass across all taught modules to the value of 50 credits may opt to exit the programme and be awarded a Postgraduate Certificate in Molecular Cell Biology with Bioinnovation.</p> <p>Similarly, students who pass the taught modules and do not wish to complete the research dissertation may opt to be conferred with a Postgraduate Certificate in Molecular Cell Biology with Bioinnovation.</p>
<b>Honours:</b>	<p>Students will be eligible for the award of honours on the basis of the marks achieved over the Spring and Autumn Supplemental Examinations. Honours will be awarded on aggregate as follows:</p> <p>MSc in Molecular Cell Biology with Bioinnovation:  <b>First Class Honours:</b> an aggregate of at least 1260/1800 marks (i.e. 70% and above)  <b>Second Class Honours:</b> an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)  <b>Pass:</b> an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 60%)</p> <p>Postgraduate Certificate in Molecular Cell Biology with Bioinnovation:  <b>First Class Honours:</b> an aggregate of at least 700/1000 marks (i.e. 70% and above)  <b>Second Class Honours:</b> an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%)  <b>Pass:</b> an aggregate of at least 400/1000 marks (i.e. 40% and above but less than 60%)</p>

<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for the Research Dissertation (ML6001).</i></li> <li>○ Students who fail to achieve the pass standard for any taught module at the Summer Examination will be permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>○ Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass &amp; progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	NA

<b>MRes (Master of Research) in Biochemistry and Cell Biology</b>	
<p><i>These Marks and Standards relate to the taught elements of the programme only. Regulations governing the research element of this programme can be found in the Procedures for Submission and Examination of Research Masters Degrees:</i></p> <p><a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html" style="color: white;">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html</a></p>	
<b>Time:</b>	<p>Marks for all taught modules, including those wholly assessed by Continuous Assessment will be presented to the Summer Examination Board. For students failing to achieve the pass standard in the taught modules, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The Dissertation will be examined in accordance with the procedures for submission and Examination of Research Masters degrees.</p> <p><a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html</a></p>
<b>Modules:</b>	<p>Students take 90 credits as follows: Students take 20 credits of taught modules and undertake a dissertation of 70 credits on a selected topic in Biochemistry &amp; Cell Biology.</p> <p><a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page07.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page07.html</a></p>
<b>Marks Maxima:</b>	<p>100 per five credit module, 200 per ten credit module, some modules are assessed on a Pass/Fail basis.</p>
<b>Distribution of Marks:</b>	<p>Distribution of marks and assessment details for individual taught modules can be found in the <i>Book of Modules</i> <a href="https://www.ucc.ie/admin/registrar/modules/">https://www.ucc.ie/admin/registrar/modules/</a></p>
<b>Pass Standard (module level):</b>	<p>As stated in individual module descriptions <a href="https://www.ucc.ie/admin/registrar/modules/">https://www.ucc.ie/admin/registrar/modules/</a></p>
<b>Pass and Progression Standard (programme level):</b>	<p>All modules must be passed prior to the submission of the dissertation.</p>
<b>Overall award:</b>	<p>The Dissertation will be examined in accordance with the procedures for submission and Examination of Research Masters degrees.</p> <p><a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html</a></p>
<b>Exemptions:</b>	<p>All passed modules carry an exemption, which is limited to a period of two academic years from the date a student originally achieved the exemption.</p>
<b>Supplemental Examination:</b>	<p>Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">http://www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules, there is no Supplemental Examination.</i> There is no provision to repeat the research dissertation.</p> <p>Students who fail to achieve the pass standard for the year at the Summer Examination will be allowed one opportunity to repeat all failed/absent modules at the subsequent Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination.</p>

## BIOLOGICAL, EARTH & ENVIRONMENTAL SCIENCES

<b>Postgraduate Certificate in MARINE BIOLOGY</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the course at the Spring Examination Board, there will be a Supplemental Examination in the Autumn with a Winter Examination Board.
<b>Modules:</b>	Students take <b>30 credits</b> as follows: BL6010 (5 credits); BL6012 (10 credits); BL6016 (10 credits) and BL6019 (5 credits)
<b>Marks Maxima:</b>	100 per five-credit module, 200 per ten-credit module, Total Marks: 600.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	Students are required to obtain at least 40% in each module to pass.
<b>Pass and Progression Standard (programme level):</b>	To pass the course and to graduate with an award, a candidate must obtain no less than 40% in any single module and must obtain an aggregate mark of at least 50% overall across the four taught modules. Students wishing to progress onto the MSc in Marine Biology in the following academic year must obtain at least an aggregate of 60% to be eligible to transfer.
<b>Honours if Applicable:</b>	Students will be eligible for the award of honours on the basis of the marks achieved over the Examinations. Honours will be awarded on aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 420/600 marks (i.e. 70% and above) <b>Second Class Honours:</b> an aggregate of at least 360/600 marks (i.e. 60% and above but less than 70%) <b>Pass Award:</b> an aggregate of at least 300/600 marks (i.e. 50% and above but less than 60%).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of three years from the date a student originally achieved the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Supplemental Examination for individual modules.</li> <li>○ Students who fail to achieve the pass standard for the course at the Spring Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ All theory modules taken at a supplemental Examination, or in a repeat year, carry a maximum of 40%.</li> </ul>
<b>Supplemental Examinations</b>	Students must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Spring Examination Board at the first attempt plus capped marks obtained in modules in Supplemental Examinations are used. Modules taken at the subsequent Supplemental Examination are capped at the pass mark of 40%.
<b>Three year rule</b>	Those wishing to progress onto the MSc in Marine Biology must obtain an aggregate of at least 60% to be eligible to transfer in the following academic year and will hold exemptions in passed modules taken in the Postgraduate Certificate in Marine Biology if she/he applies for the Master's in Marine Biology within 3 years from the date of successful completion of the Certificate Examinations.

<b>Postgraduate Diploma in Freshwater Quality Monitoring and Assessment – Year 1</b>	
<i>Time:</i>	Marks for all taught modules including those wholly assessed by Continuous Assessment will be presented to the Autumn Examination Board. For students failing to achieve the pass standard in the taught modules, there will be a Supplemental Examination in Winter with a Winter Examination Board
<i>Modules:</i>	Students take 30 credits as follows:  <a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/PGDiplomas/science/page04.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/PGDiplomas/science/page04.html</a>
<i>Marks Maxima:</i>	100 per 5 credit module; 200 per 10 credit module. Total Marks 600
<i>Distribution of Marks:</i>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/modules/">www.ucc.ie/modules/</a> )
<i>Pass Standard (module level):</i>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules
Pass and Progression Standard (programme level):	To pass Year 1 and progress to year 2 of the Postgraduate Diploma in Freshwater Quality Monitoring and Assessment, a candidate must obtain an aggregate pass of 40% (i.e. at least 240/600) across all taught modules to a value of 30 credits.  (i) Obtain a pass mark of at least 40% in each taught module and (ii) Obtain an aggregated mark of at least 50% across the 60 credits from year 1 and 2.
Exit Award: Postgraduate Certificate in Freshwater monitoring and Assessment	Students who obtain an aggregate pass of 40% across all taught modules to a value of 30 credits, achieving no less than 30% in each module may opt to exit the programme and be conferred with a Postgraduate Certificate in Freshwater Quality Monitoring and Assessment.
<i>Honours:</i>	Students are eligible for the award of honours on the basis of the marks achieved at the first attempt at the Autumn Examination Board. To be eligible for honours, students must obtain an aggregate pass of 40% across all taught modules to a value of 30 credits Note: For rules governing the award of honours at the Winter Supplemental Examinations and/or in a Repeat Year, please see under ‘Supplemental Examinations’ and/or ‘Repeat Year Examination’ below.  The grade of honours shall be determined as follows:  <b>First Class Honours:</b> At least 70% (i.e. at least 420/600marks) <b>Second Class Honours Grade 1:</b> At least 60% but less than 70% (i.e. at least 360/600marks but less than 420/600marks) <b>Second Class Honours Grade 2:</b> At least 50% but less than 60% (i.e. at least 300/600marks but less than 360/600marks)  Honours will not be awarded at the Winter Supplemental Examination or in a Repeat Year.
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of five academic years from the date a student originally achieved the exemption.

<i>Supplemental Examination:</i>	<p>Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules.</p> <p>Students who fail to achieve the pass standard for the Autumn Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination.</p> <p>Capping of Marks at a Supplemental examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass,40%. The actual mark achieved by the candidate will be recorded on the student record</p>
<i>Repeat Year Examinations:</i>	<p>Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.</p>
<i>Three Year Rule (or other rule to apply):</i>	<p>Candidates must pass within three academic years of the date of first registration for first year; otherwise they cannot continue in the programme.</p>

<b>Postgraduate Diploma in Freshwater Quality Monitoring and Assessment – Year 2</b>	
<i>Time:</i>	Marks for all taught modules including those wholly assessed by Continuous Assessment will be presented to the Autumn Examination Board. For students failing to achieve the pass standard in the taught modules, there will be a Supplemental Examination in Winter with a Winter Examination Board
<i>Modules:</i>	Students take 30 credits as follows: <a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/PGDiplomas/science/page04.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/PGDiplomas/science/page04.html</a>
<i>Marks Maxima:</i>	100 per 5 credit module; 200 per 10 credit module. Total Marks 600
<i>Distribution of Marks:</i>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/modules/">www.ucc.ie/modules/</a> )
<i>Pass Standard (module level):</i>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules
Pass and Progression Standard (programme level):	To be eligible for the award of Postgraduate Diploma in Freshwater Quality Monitoring and Assessment, students must obtain pass mark of at least 40% across all modules to a value of 60 credits, over year 1 and 2.  To be eligible to transfer to the MSc in Freshwater Quality Monitoring and Assessment a student must; (i) Obtain a pass mark of at least 40% in each taught module and (ii) Obtain an aggregated mark of at least 50% across the 60 credits from year 1 and 2.
<i>Honours:</i>	Students are eligible for the award of honours on the basis of the marks achieved over the autumn and winter supplemental exams. To be eligible for honours, students must obtain at least 40% in each module and the award of honours will be an aggregated mark to the value of 60 credits taken over year 1 and 2 Note: For rules governing the award of honours at the Winter Supplemental Examinations and/or in a Repeat Year, please see under ‘Supplemental Examinations’ and/or ‘Repeat Year Examination’ below.  The grade of honours shall be determined as follows:  <b>First Class Honours:</b> At least 70% (i.e. at least 840/1200marks) <b>Second Class Honours Grade 1:</b> At least 60% but less than 70% (i.e. at least 720/1200marks but less than 840/1200marks) <b>Second Class Honours Grade 2:</b> At least 50% but less than 60% (i.e. at least 600/1200marks but less than 720/1200marks)  Honours will not be awarded at the Winter Supplemental Examination or in a Repeat Year.
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of five academic years from the date a student originally achieved the exemption.
<i>Supplemental Examination:</i>	Please refer to the Book of Modules ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ) for requirements governing the Supplemental Examination for individual modules.  Students who fail to achieve the pass standard for the Autumn Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination.  Capping of Marks at a Supplemental examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass,40%. The actual mark achieved by the candidate will be recorded on the student record



<i>Repeat Year Examinations:</i>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.
<i>Three Year Rule (or other rule to apply):</i>	Candidates must pass within three academic years of the date of first registration for first year; otherwise they cannot continue in the programme.

<b>MSc in Freshwater Quality Monitoring and Assessment – Year 1</b>	
<i>Time:</i>	Marks for all taught modules including those wholly assessed by Continuous Assessment will be presented to the Autumn Examination Board. For students failing to achieve the pass standard in the taught modules, there will be a Supplemental Examination in Winter with a Winter Examination Board
<i>Modules:</i>	Students take 30 credits as follows:  <b>Link to UCC calendar</b>
<i>Marks Maxima:</i>	100 per 5 credit module; 200 per 10 credit module. Total Marks 600
<i>Distribution of Marks:</i>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/modules/">www.ucc.ie/modules/</a> )
<i>Pass Standard (module level):</i>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules
<i>Pass and Progression Standard (programme level):</i>	To pass Year 1 and progress to year 2 of the Masters in Freshwater Quality Monitoring and Assessment, a candidate must obtain no less than 40% in each module.  To progress to the Research Dissertation (Year 3) a student must achieve at least 40% in each of the taught modules and attain an overall aggregate of 50% across the 60 credits from year 1 and 2.
<i>Exit Award: Postgraduate Certificate in Freshwater Quality Monitoring and Assessment</i>	Students who obtain a pass of 40% across all taught modules to a value of 30 credits, may opt to exit the programme and be conferred with a Postgraduate Certificate in Freshwater Quality Monitoring and Assessment.
<i>Honours:</i>	Students are eligible for the award of honours on the basis of the marks achieved over the autumn and winter supplemental exams.  The grade of honours shall be determined as follows:  Note: For rules governing the award of honours at the Winter Supplemental Examinations and/or in a Repeat Year, please see under ‘Supplemental Examinations’ and/or ‘Repeat Year Examination’ below.  <b>First Class Honours:</b> At least 70% (i.e. at least 420/600marks) <b>Second Class Honours Grade 1:</b> At least 60% but less than 70% (i.e. at least 360/600marks but less than 420/600marks) <b>Second Class Honours Grade 2:</b> At least 50% but less than 60% (i.e. at least 300/600marks but less than 360/600marks)
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of five academic years from the date a student originally achieved the exemption.
<i>Supplemental Examination:</i>	Please refer to the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Supplemental Examination for individual modules.  Students who fail to achieve the pass standard for the Autumn Examination Board must repeat all failed/absent modules at the Supplemental Examination, where

	<p>there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination.</p> <p>Capping of Marks at a Supplemental examination: In determining aggregation, progression the calculation of honours, the maximum mark that will be taken into account is a pass, 40%. The actual mark achieved by the candidate will be recorded on the student record</p>
<i>Repeat Year Examinations:</i>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.
<i>Three Year Rule (or other rule to apply):</i>	Candidates must pass within three academic years of the date of first registration for first year; otherwise they cannot continue in the programme.

MSc in Freshwater Quality Monitoring and Assessment – Year 2	
<i>Time:</i>	Marks for all taught modules including those wholly assessed by Continuous Assessment will be presented to the Autumn Examination Board. For students failing to achieve the pass standard in the taught modules, there will be a Supplemental Examination in Winter with a Winter Examination Board
<i>Modules:</i>	Students take 30 credits as follows:  <b>Link to UCC calendar</b>
<i>Marks Maxima:</i>	100 per 5 credit module; 200 per 10 credit module. Total Marks 600
<i>Distribution of Marks:</i>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/modules/">www.ucc.ie/modules/</a> )
<i>Pass Standard (module level):</i>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules
<i>Pass and Progression Standard (programme level):</i>	To pass year 2 of the MSc in Freshwater Quality Monitoring and Assessment.  To pass year 2 a student must achieve at least 40% in each of the taught modules to the value of 30 credits and attain an overall aggregate of 50% across the 60 credits from year 1 and 2.  Similarly, students who achieve the aggregate pass of 50% across the 60 credits from years 1 and 2 are eligible to proceed to year 3 of the MSc in Freshwater Quality Monitoring and Assessment.
<i>Exit Award: Postgraduate Diploma in Freshwater Quality Monitoring and Assessment</i>	Students who pass all taught modules but fail to achieve the aggregate of 50% will exit the programme and be awarded a Postgraduate Diploma in Freshwater Quality Monitoring and Assessment Students do opt not to progress to year 3 of the MSc in Freshwater Quality Monitoring and Assessment be exit with a Postgraduate Diploma in Freshwater Quality Monitoring and Assessment
<i>Honours:</i>	Students are eligible for the award of honours on the basis of the marks achieved over the autumn and winter supplemental exams.  The award of honours will be an aggregated mark to value of 60 credits taken over year one and two.  Note: For rules governing the award of honours at the Winter Supplemental Examinations and/or in a Repeat Year, please see under ‘Supplemental Examinations’ and/or ‘Repeat Year Examination’ below.  The grade of honours shall be determined as follows:  <b>First Class Honours:</b> At least 70% (i.e. at least 840/1200 marks) <b>Second Class Honours Grade 1:</b> At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks) <b>Second Class Honours Grade 2:</b> At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks)

<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of five academic years from the date a student originally achieved the exemption.
<i>Supplemental Examination:</i>	<p>Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. Students who fail to achieve the pass standard for the Autumn Examination Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination.</p> <p>Capping of Marks at a Supplemental examination: In determining aggregation, progression and the calculation of honours, the maximum mark that will be taken into account is a pass, 40%. The actual mark achieved by the candidate will be recorded on the student record</p>
<i>Repeat Year Examinations:</i>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.
<i>Three Year Rule (or other rule to apply):</i>	Candidates must pass within three academic years of the date of first registration, otherwise they cannot continue in the programme.

<b>MSc in Freshwater Quality Monitoring and Assessment – Year 3</b>	
<i>Time:</i>	Dissertation should be submitted to the School, as advised by the Programme Director for consideration at the Winter Examination Board. Failed dissertations can be repeated once in a repeat year.
<i>Modules:</i>	Students take 30 credits as follows: <b>Link to UCC calendar</b>
<i>Marks Maxima:</i>	100 per 5 credit module; 200 per 10 credit module. Total Marks 600
<i>Distribution of Marks:</i>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/modules/">www.ucc.ie/modules/</a> )
<i>Pass Standard (module level):</i>	The pass standard for the dissertation is 50%. Special Requirements for individual modules, if any, are detailed in the Book of Modules. On recommendation of the responsible School/Department an Examination Board may decide that a dissertation is a borderline pass/fail and may agree to permit the student to make minor corrections to achieve the pass standard for the Dissertation within six weeks of the publication of examination results.
<i>Pass and Progression Standard (programme level):</i>	The pass standard for the dissertation is 50%.
<i>Postgraduate Diploma in Freshwater Quality Monitoring and Assessment: Exit Award</i>	Students who fail the research dissertation or fail to submit the dissertation and opt not to repeat the dissertation in a repeat year will exit with a Postgraduate Diploma in Freshwater Quality Monitoring and Assessment.
<i>Honours:</i>	Students are eligible for the award of honours on the basis of the marks achieved at the Winter examination board. The award of honours will be based on the aggregated marks achieved in year 1 and 2 plus the dissertation to the value of 90 credits.  Note: For rules governing the award of honours in a repeat year please see below; The grade of honours shall be determined as follows:  <b>First Class Honours:</b> At least 70% (i.e. at least 1260/1800 marks) <b>Second:</b> At least 60% but less than 70% (i.e. at least 1080/1800 marks but less than 1260/1800 marks) <b>Pass :</b> At least 50% but less than 60% (i.e. at least 900/1800 marks but less than 1080/1800 marks)  Honours will be awarded in a repeat year
<i>Exemptions:</i>	All passed modules carry an exemption, which is limited to a period of five academic years from the date a student originally achieved the exemption.
<i>Supplemental Examination:</i>	No supplemental
<i>Repeat Year Examinations:</i>	Marks will be capped at 50% in a repeat year. Candidates will be eligible for the award of Honours in a Repeat Year.
<i>Three Year Rule (or other rule to apply):</i>	Candidates must pass within three academic years of the date of first registration, otherwise they cannot continue in the programme.

<b>MSc MARINE BIOLOGY</b>	
<b>Time:</b>	Marks for all modules in Part I will be presented to the Spring Examination Board. For students failing to achieve the pass standard in Part I at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Marks for Part II will be submitted to Winter Examination Board with no Supplemental Examination.
<b>Modules:</b>	Part I: Students take modules to the value of <b>60</b> credits; Part II: Research Dissertation BL6017 ( <b>30</b> credits), as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html">http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per 10 credit module. Total Marks - Part I: 1100 marks (BL6015 is assessed on a Pass/Fail Basis); Part II 600 marks.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass and Progression:</b>	The pass standard for each module in Part I is 40%. The pass standard for Part II- the Research Dissertation (BL6017) is 50%. Special Requirements for individual modules, if any are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ). Students must obtain a Pass in BL6015 and an average mark of at least 50% across the taught modules in Part I with not less than 40% in any module to be eligible to submit the Research Dissertation (i.e. Part II of the programme (BL6017)). Students achieving an aggregate of 50% at the Spring Examination but not passing all taught modules in Part I must repeat all failed/absent modules at the Autumn Supplemental Examination to be eligible to submit the Research Dissertation. (There is no Supplemental Examination for BL6015). <b>Note:</b> Students who pass but fail to achieve the requisite grade of 50% across the taught modules, will be eligible for the award of a Postgraduate Diploma in Marine Biology.
<b>Degree Award:</b>	A student who obtains an average mark of at least 50% across the taught modules and not less than 40% in any module as well as a pass in BL6015 and who achieves at least 50% in BL6017 will be eligible for the award of the MSc in Marine Biology Degree.
<b>Honours:</b>	In addition to the requirements under Pass and Progression and Degree Award above, Honours will be awarded as follows: <b>First Class:</b> At least 70% (i.e. at least 1190/1700 marks) and a pass in BL6015. <b>Second Class:</b> At least 60% but less than 70% (i.e. at least 1020/1700 marks but less than 1190/1700 marks) and a pass in BL6015. <b>Pass:</b> 50-59% At least 850/1700 marks but less than 1020/1700 marks and a pass in BL6015. Honours will not be awarded at the Autumn Supplemental Examination or in a Repeat Year.

MSc MARINE BIOLOGY	
<b>Postgraduate Diploma in Marine Biology</b>	Candidates who pass but fail to achieve the requisite grade of 50% across the taught modules in Part I or who pass Part I and do not wish to complete Part II may opt to be conferred with a Postgraduate Diploma in Marine Biology.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<p>Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <b>Note</b> there is no Supplemental Examination for BL6015 or BL6017.</p> <p>A student who fails to achieve the pass standard for the year at the Spring Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</p> <p>Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is 50%. The actual mark achieved by the candidate will be recorded on the student record. Honours will not be awarded at an Autumn Supplemental Examination.</p>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.



<b>MSc in Applied Environmental Geosciences</b>	
<b>Time:</b>	Marks for all taught modules including those wholly assessed by continuous assessment will be presented to the Spring Examination Board. For students failing to achieve the pass standard in the taught modules at the Spring Examination Board, there will be a Supplemental Examination in Winter with a Winter Examination Board. d. There is no repeat provision for the Dissertation. Note: Students who pass but fail to achieve the requisite grade of 50% across the taught modules at the first attempt, will be eligible for the award of a Postgraduate Diploma in Environmental Geosciences.
<b>Modules:</b>	Students take 90 credits <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/">http://www.ucc.ie/calendar/postgraduate/Masters/science/</a>
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per 10 credit module, 400 per 20 credit module, 600 per 30 credit module Total Marks - 1800
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass Standard (Module Level)</b>	<p>The pass standard for each module in Part I is 40%. The pass standard for Part II- the Research Dissertation (GL6019) is 50%. Special Requirements for individual modules, if any are detailed in the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>).</p> <p>Students must pass all taught modules (Part I) and achieve an average mark of at least 50% across the taught modules in Part I to be eligible to submit the Research Dissertation (i.e. Part II of the programme (GL6019)).</p> <p>Students achieving an aggregate of 50% at the Spring Examination Board but not passing all taught modules in Part I must repeat all failed/absent modules at the Winter Supplemental Examination to be eligible to submit the Research Dissertation. (There is no Supplemental Examination for GL6019).</p> <p>Note: Students who pass but fail to achieve the requisite grade of 50% across the taught modules at the first attempt, will be eligible for the award of a Postgraduate Diploma in Environmental Geosciences.</p>
<b>Pass and Progression Standard (Programme Level)</b>	Candidates must pass Part I before proceeding to Part II. A student who obtains an average mark of at least 50% across the taught modules in Part 1 or who passes Part 1 and does not wish to complete Part 11 may opt to be conferred with a Postgraduate Diploma in Environmental Geosciences.
<b>Postgraduate Diploma in Environmental Geology</b>	Students who pass but fail to achieve the requisite grade of 50% across the taught modules at the first attempt, will be eligible for the award of a Postgraduate Diploma in Environmental Geosciences..
<b>Honours Standard (Overall Award):</b>	Students are eligible for the award of honours on the basis of the marks achieved over the Spring, Autumn and Winter Examination Boards. To be eligible for honours, students must pass all modules. A student who obtains an average mark of at least 50% across the taught modules and not less than 40% in any module as well as a pass in GL6019 and who

	<p>achieves at least 50% in GL6019 will be eligible for the award of the MSc Applied Environmental Geosciences.</p> <p>The grade of honours shall be determined as follows:</p> <p>First Class: At least 70% (i.e at least 1260/1800 marks)</p> <p>Second Class: At least 60% but less than 70% (i.e at least 1080/1800 marks but less than 1260/1800 marks)</p> <p>Pass: 50-59%. At least 900/1800 marks but less than 1062/1800 marks. Honours will not be awarded at the Winter Supplemental Examination.</p>
<p><b>Supplemental Examinations:</b></p>	<p>Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Winter Supplemental Examination for individual modules. Note there is no Supplemental Examination for GL6019.</p> <p>A student who fails to achieve the pass standard for Part I at the Spring Examination Board must repeat all failed/absent modules (Part I) at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination.</p> <p>The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules. Supplemental examinations are capped at 40%.</p> <p style="text-align: center;">Marks will be capped in a repeat year examination.</p>

	<p><b>MRes IN PLANT BIOLOGY/GEOLOGICAL SCIENCES/ENVIRONMENTAL SCIENCE/ANIMAL BEHAVIOUR AND WELFARE</b></p> <p><i>These Marks and Standards relate to the taught elements of the programme only. Regulations governing the research element of this programme can be found in the Procedures for Submission and Examination of Research Masters Degrees:</i></p> <p><a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html</a></p>
<b>Time:</b>	<p>Marks for all taught modules, including those wholly assessed by Continuous Assessment will be presented to the Summer Examination Board or at the next available exam board when marks are available. For students failing to achieve the pass standard in the taught modules, there will be a Supplemental Examination and marks will be presented to the Autumn Examination Board or at the next available exam board when marks are available. The Dissertation will be examined in accordance with the procedures for submission and Examination of Research Masters degrees.</p> <p><a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html</a></p>
<b>Modules:</b>	<p>Students take 90 credits as follows: Students take 20 credits of taught modules and undertake a dissertation of 70 credits on a selected topic in:</p> <p>Plant Biology <a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page08.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page08.html</a> or Geological Sciences <a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page09.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page09.html</a> or Environmental Science <a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page10.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page10.html</a> or Animal Behaviour and Welfare <a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page12.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page12.html</a></p>
<b>Marks Maxima:</b>	<p>100 per five credit module, 200 per ten credit module, some modules are assessed on a Pass/Fail basis.</p>
<b>Distribution of Marks:</b>	<p>Distribution of marks and assessment details for individual taught modules can be found in the <i>Book of Modules</i> <a href="https://www.ucc.ie/admin/registrar/modules/">https://www.ucc.ie/admin/registrar/modules/</a></p>
<b>Pass Standard (module level):</b>	<p>As stated in individual module descriptions <a href="https://www.ucc.ie/admin/registrar/modules/">https://www.ucc.ie/admin/registrar/modules/</a></p>
<b>Pass and Progression Standard (programme level):</b>	<p>All modules must be passed prior to the submission of the dissertation.</p>
<b>Overall award:</b>	<p>The Dissertation will be examined in accordance with the procedures for submission and Examination of Research Masters degrees.</p> <p><a href="https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html</a></p>
<b>Exemptions:</b>	<p>All passed modules carry an exemption, which is limited to a period of two academic years from the date a student originally achieved the exemption.</p>

<b>Supplemental Examination:</b>	<p>Please refer to the <i>Book of Modules</i>(<a href="http://www.ucc.ie/academic/modules">http://www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules, there is no Supplemental Examination.</i> There is no provision to repeat the research dissertation.</p> <p>Students who fail to achieve the pass standard for the year at the Summer Examination will be allowed one opportunity to repeat all failed/absent modules at the subsequent Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination.</p>
----------------------------------	--

CHEMISTRY

<b>Postgraduate Diploma in ANALYTICAL CHEMISTRY</b>	
<b>Time:</b>	Marks for all modules in Part 1, including those wholly assessed by Continuous Assessment, will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Marks for Part 11 will be submitted to the Winter Examination Board with no Supplemental Examination.
<b>Modules:</b>	Students take <b>60</b> credits as follows: Part 1: Students take modules to the value of 50 credits; Part 11: Research Project Code CM6019 (10 credits) <a href="http://www.ucc.ie/calendar/postgraduate/PGDiplomas/science/page03.html">http://www.ucc.ie/calendar/postgraduate/PGDiplomas/science/page03.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per 10 credit module. Total Marks 1200 marks
<b>Distribution of Marks:</b>	Part 1: Written & Practical Examinations: 1000 marks, Part 11: Research Project 200 marks. Total Marks 1200 Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass and Progression Standard (programme level):</b>	The pass standard for each 5 credit or 10 credit module is 40%. Students must achieve not less than 40% in each taught module. Students must achieve an aggregate mark of not less than 40% across all taught modules in order to pass the programme. <b>Students that achieve at least a Second Class Honours, Grade I aggregate across all modules in Part 1 (marks out of 1000) at the first attempt in the Postgraduate Diploma course qualify to convert to the MSc programme in the same year and be permitted to undertake the Research Dissertation Module as approved by the Professor of Analytical Chemistry and Programme Director.</b>
<b>Degree Award:</b>	A student who obtains an average mark of at least 40% across the taught modules and not less than 40% in any module to be eligible for the award of the Postgraduate Diploma in Analytical Chemistry.
<b>Honours:</b>	Honours are awarded on the overall aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade II:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) <b>Pass:</b> an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 50%)  Honours will not be awarded at the Autumn Supplemental Examination or in a Repeat Year.
<b>Exemptions:</b>	All passed modules carry an exemption which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules.</li> <li>○ A student who fails to achieve the pass standard for the year at the Spring Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is 40%. The actual mark achieved by the candidate will be recorded on the student record. Honours will not be awarded at an Autumn Supplemental Examination.</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.

<b>MSC ANALYTICAL CHEMISTRY; ENVIRONMENTAL ANALYTICAL CHEMISTRY; PHARMACEUTICAL ANALYSIS</b>	
<b>Time:</b>	Marks for all modules in Part I will be presented to the Spring Examination Board. For students failing to achieve the pass standard in Part I at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Marks for Part II will be submitted to Winter Examination Board with no Supplemental Examination.
<b>Modules:</b>	Part I: Students take modules to the value of 60 credits; Part II: Research Project and Dissertation CM6020/21/22 (30 credits), as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html">http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per 10 credit module. Total Marks - Part I: 1000 marks; Part II 600 marks.
<b>Distribution of Marks:</b>	Part 1: Written & Practical Examinations: 1000 marks Part 2: Research Project and Dissertation 600 marks Total Marks: 1600 Written Examinations may include Continuous Assessment and Practical Elements where applicable. Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass and Progression Standard (programme level):</b>	The pass standard for each module in Part I is 40%. The pass standard for Part II – the Research Project and Dissertation (CM6020/21/22) is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ). <b>This includes modules CM6026 and CM6027 where a PASS/FAIL system is in place.</b> Students must obtain a Pass in CM6015 <b>and</b> an average mark of at least 50% across the all modules in Part I, with not less than 40% in any module, to be eligible to submit the Research Project and Dissertation (i.e. Part II of the programme). Students achieving an aggregate of 50% at the Spring Examination but not passing all taught modules in Part I must repeat all failed/absent modules at the Autumn Supplemental Examination to be eligible to submit the Research Project and Dissertation. (There is no Supplemental Examination for CM6015/20/21/22).
<b>Postgraduate Certificate/Diploma Exit Awards:</b>	<i>Postgraduate Diploma/Certificate in Analytical Chemistry</i> : Candidates who pass but fail to achieve the requisite grade of 50% across Part I or who pass Part I and do not wish to complete Part II, may opt to change their registration to a Postgraduate Diploma in Analytical Chemistry and complete and pass a project report (CM6019 – 10 credits) over the summer for examination at Autumn or Winter Examination Board. Alternatively, candidates may opt to exit the programme with a Postgraduate Certificate in Analytical Chemistry) without completing CM6019.
<b>Degree Award:</b>	A student who obtains an average mark of at least 50% across Part 1 modules and not less than 40% in any module, including one of CM6020/21/22, will be eligible for the award of the MSc in Applied Science degree.
<b>Honours:</b>	<b>MSc</b> <b>Postgraduate Diploma</b> Honours will be awarded on the basis of the overall aggregate marks awarded as follows: First Class: 70% - 100% Second Class: 60% - 69% Pass: 40% - 59% Honours will not be awarded at the Autumn Supplemental Examination or in a Repeat Year.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <b>Note</b> there is no Supplemental Examination for CM6015/20/21/22.</li> <li>○ A student who fails to achieve the pass standard for the year at the Spring Examination must repeat all failed/absent modules at the Supplemental Examination, where there is</li> </ul>

	<p>provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"><li>○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li><li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is 50%. The actual mark achieved by the candidate will be recorded on the student record. Honours will not be awarded at an Autumn Supplemental Examination.</li></ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.

## COMPUTER SCIENCE & INFORMATION TECHNOLOGY

<b>Higher Diploma in Applied Computing Technology (FULL TIME)</b>	
<b>Time:</b>	Taught modules will be examined by formal Written Examination and Continuous Assessment. Marks for all taught modules will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination board, there will be a Supplemental Examination in Autumn with results returned to the Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits of taught modules</b> as follows: <a href="http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page14.html">http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page14.html</a>
<b>Marks Maxima:</b>	100 per five credit module, 300 per fifteen credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass &amp; Progression Standard (programme level):</b>	To be awarded the Higher Diploma in Applied Computing Technology, a candidate <i>must</i> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).  <b>MSc in Computing Science:</b> Candidates who have obtained at least First Class Honours in the Higher Diploma in Applied Computing Technology, having attained at least First Class Honours in the module CS1117 <i>Introduction to Programming</i> , may apply to enter the MSc in Computing Science.
<b>Honours:</b>	Honours will be awarded on the basis of the overall aggregate marks awarded as follows:  <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Pass:</b> an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i> Students who fail to achieve the pass standard for the year at the Summer Examination board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules. Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be



<b>Higher Diploma in Applied Computing Technology (FULL TIME)</b>	
	taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	Students repeating the year retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year.</i>
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration; otherwise they cannot continue in the programme.

<b>Higher Diploma in Applied Computing Technology (PART TIME) – YEAR 1</b>	
<b>Time:</b>	Taught modules will be examined by formal Written Examination and Continuous Assessment. Marks for all taught modules will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination board, there will be a Supplemental Examination in Autumn with results returned to the Autumn Examination Board.
<b>Modules:</b>	Students take <b>30 credits of taught modules</b> as follows: <a href="http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page14.html">http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page14.html</a>
<b>Marks Maxima:</b>	100 per five credit module, 300 per fifteen credit module. Total Marks: 600.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass &amp; Progression Standard (programme level):</b>	To pass Year 1 of the Higher Diploma in Applied Computing Technology, and progress to Year 2, a candidate <i>must</i> : (i) obtain an overall aggregate pass of 240/600 marks (40%.) across all modules (ii) pass modules to the value of at least 25 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year</li> <li>o Marks from all passed modules are carried forward to the Supplemental Examination, or to a Repeat Year if necessary.</li> <li>o The pass &amp; progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	Students repeating the year retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year.</i>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration; otherwise they cannot continue in the programme.

<b>Higher Diploma in Applied Computing Technology (PART TIME) – YEAR 2</b>	
<b>Time:</b>	Taught modules will be examined by formal Written Examination and Continuous Assessment. Marks for all taught modules will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination board, there will be a Supplemental Examination in Autumn with results returned to the Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits of taught modules</b> as follows: <a href="http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page14.html">http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page14.html</a>
<b>Marks Maxima:</b>	100 per five credit module. Total Marks: 600.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass &amp; Progression Standard (programme level):</b>	To pass the Higher Diploma in Applied Computing Technology, a candidate <i>must</i> : (i) obtain an overall aggregate pass of 240/600 marks (40%) across all modules (ii) pass modules to the value of at least 25 credits (iii) obtain a mark of not less than 30% in any remaining module(s).  <b>MSc in Computing Science:</b> Candidates who have obtained at least First Class Honours in the Higher Diploma in Applied Computing Technology, having attained at least First Class Honours in the module <i>CS1117 Introduction to Programming</i> , may apply to enter the MSc in Computing Science.
<b>Honours:</b>	Honours will be awarded on the basis of the overall aggregate marks awarded over the two years as follows:  <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Pass:</b> an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year</li> <li>o Marks from all passed modules are carried forward to the Supplemental Examination, or to a Repeat Year if necessary.</li> <li>o The pass rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, and the calculation of honours at Higher Diploma level,, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	Students repeating the year retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks

<b>Higher Diploma in Applied Computing Technology (PART TIME) – YEAR 2</b>	
	obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year.</i>
<b>Three Year Rule:</b>	Candidates must pass/progress within 3 academic years of the date of first registration; otherwise they cannot continue in the programme.

<b>MSc COMPUTING SCIENCE</b>	
<b>Time:</b>	<p>Taught modules will be examined by Continuous Assessment, including a written Departmental Examination. Marks for all taught modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination, there will be a Supplemental Examination in Autumn with results returned to the Autumn Examination Board. Results for the Dissertation will be returned to the Winter Examination Board.</p> <p>The Research Dissertation must be submitted by end of the first academic year of registration for the programme, for examination by internal and external examiners.</p>
<b>Modules:</b>	<p>Students take <b>60 credits</b> of taught modules plus a <b>30-credit</b> Research and Development Project, as detailed at:  <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#computing">http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#computing</a></p>
<b>Marks Maxima:</b>	<p>100 per five credit module, 200 per ten credit module, 600 per thirty credit module.            Total Marks: 1800.</p>
<b>Distribution of Marks:</b>	<p>Taught Modules: 1200 marks            Dissertation: 600 marks            Total: 1800 marks</p> <p>Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>)</p>
<b>Pass Standard (module level):</b>	<p>The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i>, (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>).</p>
<b>Pass and Progression Standard (programme level):</b>	<p>Students achieving an aggregate of at least 60% with not less than 40% in each taught module at their first attempt are deemed eligible to proceed to the Dissertation in Computing Science (CS6400).</p> <p><i>MSc Degree Award:</i> A student who obtains an aggregate mark of at least 60% across the taught modules, and not less than 40% in the Dissertation in Computing Science (CS6400) will be eligible for the award of the MSc in Computing Science.</p>
<b>Postgraduate Diploma in Computing Science Exit Award:</b>	<p><b>Postgraduate Diploma in Computing Science:</b>            Students failing to reach this progression standard, but who achieve a pass in each of the taught modules, graduate with a <i>Postgraduate Diploma in Computing Science</i>. Students may also opt to exit the programme and graduate with a <i>Postgraduate Diploma in Computing Science</i> provided they have achieved a pass in each taught module.</p> <p>A student who proceeds to the research dissertation but does not attain 40% or higher in the Dissertation (CS6400) will graduate with a <i>Postgraduate Diploma in Computing Science</i>.</p>
<b>Honours:</b>	<p><b>MSc in Computing Science:</b>            Students will be eligible for the award of honours on the basis of the marks achieved at the Spring Examinations, together with the mark for the Dissertation. Honours will be awarded on aggregate as follows:  <b>First Class Honours:</b> an aggregate of at least 1260/1800 marks (i.e. 70% and above)  <b>Second Class Honours:</b> an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)  <b>Pass:</b> an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 60%)</p> <p><b>Postgraduate Diploma in Computing Science:</b>            Students will be eligible for the award of honours on the basis of the marks achieved over the Spring and Autumn Supplemental Examinations. Honours will be awarded on aggregate as follows:  <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)</p>

<b>MSc COMPUTING SCIENCE</b>	
	<p><b>Second Class Honours:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p><b>Pass:</b> an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of one academic year from the date a student originally achieved the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules.</li> <li>○ Students who fail to achieve the pass standard for the year at the Spring Examination will be allowed one opportunity to repeat all failed/absent modules at the Autumn Supplemental Examination immediately following the Spring Examination Board in which the module(s) was failed, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>○ Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass &amp; progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>

<b>PG Diploma Data Science and Analytics</b>	
<b>Time:</b>	Taught modules will be examined by Continuous Assessment, including a written Departmental Examination. Marks for all taught modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination, there will be a Supplemental Examination in Autumn with results returned to the Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> of taught modules
<b>Marks Maxima:</b>	100 marks per 5 credit module; 200 marks per 10 credit module. Total marks: 1200.
<b>Distribution of Marks:</b>	Taught Modules: 1200 marks Total: 1200 marks Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i>
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i>
<b>Pass Standard (programme level):</b>	All modules must be passed individually. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> .
<b>Honours:</b>	Students will be eligible for the award of honours on the basis of the marks achieved over the Spring and Autumn Supplemental Examinations. Honours will be awarded on aggregate as follows: <b>Postgraduate Diploma in Data Science and Analytics:</b> Students will be eligible for the award of honours on the basis of the marks achieved over the Spring and Autumn Supplemental Examinations. Honours will be awarded on aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Pass:</b> an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)
<b>Exemptions:</b>	N/A
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>- Please refer to the <i>Book of Modules</i> for requirements governing the Supplemental Examination for individual modules.</li> <li>- Students who fail to achieve the pass standard for the year at the Spring Examination will be allowed one opportunity to repeat all failed/absent modules at the Autumn Supplemental Examination immediately following the Spring Examination Board in which the module(s) was failed, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>- Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>- The pass &amp; progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>- Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	N/A
<b>Three Year Rule:</b>	N/A

<b>MSC DATA SCIENCE AND ANALYTICS</b>	
<b>Time:</b>	<p>Taught modules will be examined by Continuous Assessment, including a written Departmental Examination. Marks for all taught modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination, there will be a Supplemental Examination in Autumn with results returned to the Autumn Examination Board. Results for the dissertation will be returned to the Winter Examination Board.</p> <p>The Research Dissertation must be submitted by end of the first academic year of registration for the programme, for examination by internal and external examiners. Students may elect to take the MSc on a part-time basis (over 2 years). Students taking the course on a part-time basis will need to complete the 30 core credits plus 15 elective credits (of their choice) in year 1 and the remaining 15 credits of electives plus a 30 credit dissertation in year 2.</p>
<b>Modules:</b>	Students take <b>60 credits</b> of taught modules plus a <b>30-credit</b> dissertation
<b>Marks Maxima:</b>	100 marks per 5 credit module, 200 marks per 10 credit module, 600 marks per 30 credit module. Total marks: 1800.
<b>Distribution of Marks:</b>	<p>Taught Modules: 1200 marks; Dissertation: 600 marks Total: 1800 marks</p> <p>Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i></p>
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i>
<b>Pass Standard (programme level):</b>	Students achieving an aggregate of at least 60% with not less than 40% in each taught module at their first attempt are deemed eligible to proceed to the dissertation.
<b>Postgraduate Diploma in Data Science &amp; Analytics Exit Award:</b>	<p><b>Postgraduate Diploma in Data Science and Analytics:</b> Students failing to reach this progression standard, but who achieve a pass in each of the taught modules, graduate with a <i>Postgraduate Diploma</i>. Students may also opt to exit the programme and graduate with a <i>Postgraduate Diploma</i> provided they have achieved a pass in each taught module.</p> <p>A student who proceeds to the research dissertation but does not attain 40% or higher in the Research Dissertation will graduate with a <i>Postgraduate Diploma in Data Science and Analytics</i>.</p>
<b>MSc Degree Award:</b>	A student who obtains an aggregate mark of at least 60% across the taught modules, and not less than 40% in the Dissertation in Data Science and Analytics will be eligible for the award of the <i>MSc Data Science and Analytics</i> .
<b>Honours:</b>	<p>Students will be eligible for the award of honours on the basis of the marks achieved at the Spring Examinations, together with the mark for the Dissertation. Honours will be awarded on aggregate as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 1260/1800 marks (i.e. 70% and above)</p> <p><b>Second Class Honours:</b> an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)</p> <p><b>Pass:</b> an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 60%)</p> <p><b>Postgraduate Diploma in Data Science and Analytics:</b> Students will be eligible for the award of honours on the basis of the marks achieved over the Spring and Autumn Supplemental Examinations. Honours will be awarded on aggregate as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)</p>



	<p><b>Second Class Honours:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p><b>Pass:</b> an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)</p>
<b>Exemptions:</b>	N/A
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>- Please refer to the <i>Book of Modules</i> for requirements governing the Supplemental Examination for individual modules.</li> <li>- Students who fail to achieve the pass standard for the year at the Spring Examination will be allowed one opportunity to repeat all failed/absent modules at the Autumn Supplemental Examination immediately following the Spring Examination Board in which the module(s) was failed, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>- Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>- The pass &amp; progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>- Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	N/A
<b>Three Year Rule:</b>	N/A

<b>Postgraduate Diploma Interactive Media</b>	
<b>Time:</b>	Modules will be examined by a combination of Continuous Assessment and written end of Semester exams. Marks will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with results returned to the Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> of taught modules
<b>Marks Maxima:</b>	100 marks per 5 credit modules. Total marks: 1200.
<b>Distribution of Marks:</b>	Taught Modules: 1200 marks Total: 1200 marks Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i>
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i>
<b>Pass Standard (programme level):</b>	All modules must be passed individually. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> .
<b>Honours:</b>	Students will be eligible for the award of honours on the basis of the marks achieved over the Summer and Autumn Supplemental Examinations. Honours will be awarded on aggregate as follows:  <b>Postgraduate Diploma in Interactive Media:</b> Students will be eligible for the award of honours on the basis of the marks achieved over the Summer and Autumn Supplemental Examinations. Honours will be awarded on aggregate as follows:  <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) <b>Pass:</b> an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)
<b>Exemptions:</b>	N/A
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>- Please refer to the <i>Book of Modules</i> for requirements governing the Supplemental Examination for individual modules.</li> <li>- Students who fail to achieve the pass standard for the year at the Summer Examination Board will be allowed one opportunity to repeat all failed/absent modules at the Autumn Supplemental Examination immediately following the Summer Examination Board in which the module(s) was failed.</li> <li>- Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>- The pass &amp; progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>- Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	N/A
<b>Three Year Rule:</b>	N/A

<b>MSC INTERACTIVE MEDIA (FULL-TIME AND PART-TIME)</b>	
<b>Time:</b>	All marks, including those wholly assessed by Continuous Assessment (such as individual and group project work; tests; presentations; and reports) will be forwarded to the Summer Examination Board. The project report and associated project materials must be submitted by the first Friday in October in the year following the year in which the student commenced the programme (full-time students) and by the first Friday in October in the second year following the year in which the student commenced the programme (part-time students). Results for the Project (CS6200) will be presented to the Winter Examination Board in the appropriate year.
<b>Modules:</b>	Students take <b>60 credits</b> of taught modules plus a <b>30-credit</b> project – as outlined at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#Interactive">http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#Interactive</a>
<b>Marks Maxima:</b>	100 per 5 credit module, 600 per 30 credit module. Marks Part I 1200, Marks Part II 600. Total Marks 1800.
<b>Distribution of Marks:</b>	Distribution of Marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> .
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%.
<b>Pass and Progression Standard (programme level):</b>	To pass Part I, a student must attain a mark of at least 40% in each of the lecture modules.  To pass Part II a student must attain a mark of at least 40% in the CS6200 project.  Students achieving an aggregate of at least 50%, with not less than 40% in each taught module at their first attempt are deemed eligible to proceed to Part II.
<b>Postgraduate Diploma in Interactive Media Exit Award:</b>	Students failing to reach this progression standard, but who achieve the pass standard in Part I, graduate with a Postgraduate Diploma in Interactive Media. Students may also opt to exit the programme and graduate with a Postgraduate Diploma in Interactive Media provided they have achieved the pass standard for Part I.
<b>Honours (If applicable):</b>	<p><b>First Class Honours (MSc in Interactive Media)</b> Will be awarded to a student who</p> <ul style="list-style-type: none"> <li>(i) Achieves the pass standard of 40% in each of the lecture modules;</li> <li>(ii) Achieves an aggregate of at least 1260/1800 (70%) across all modules;</li> <li>(iii) Achieves a mark of at least 40% in the CS6200 project module, <u>all at the first attempt</u>.</li> </ul> <p><b>Second Class Honours (MSc in Interactive Media)</b> Will be awarded to a student who</p> <ul style="list-style-type: none"> <li>(i) Achieves the pass standard of 40% in each of the lecture modules;</li> <li>(ii) Achieves an aggregate of at least 1080/1800 (60%) across all modules;</li> <li>(iii) Achieves a mark of at least 40% in the CS6200 project module, <u>all at the first attempt</u></li> </ul> <p><b>Pass (MSc in Interactive Media)</b> Will be awarded to a student who</p> <ul style="list-style-type: none"> <li>(i) Achieves the pass standard of 40% in each of the lecture modules;</li> <li>(ii) Achieves an aggregate of at least 720/1800 (40%) across all modules;</li> </ul>

<b>MSC INTERACTIVE MEDIA (FULL-TIME AND PART-TIME)</b>	
	(iii) Achieves a mark of at least 40% in the CS6200 project module, <u>all at the first attempt</u> .
	<p><b>First Class Honours (Postgraduate Diploma in Interactive Media)</b> Will be awarded to a student who</p> <p>(i) Achieves the pass standard of 40% in each of the lecture modules; (ii) Achieves an aggregate of at least 840/1200 (70%) across all modules.</p> <p><b>Second Class Honours (Postgraduate Diploma in Interactive Media)</b> Will be awarded to a student who</p> <p>(i) Achieves the pass standard of 40% in each of the lecture modules; (ii) Achieves an aggregate of at least 720/1200 (60%) across all modules</p> <p><b>Pass (Postgraduate Diploma in Interactive Media)</b> Will be awarded to a student who</p> <p>(i) Achieves the pass standard of 40% in each of the lecture modules; (ii) Achieves an aggregate of at least 480/1200 (40%) across all modules</p> <p>Honours will not be awarded in a Supplemental or Repeat Year Examination.</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<p>Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Students failing to achieve the pass standard for Part I at the Summer Examination board may repeat failed/absent modules in the Autumn Supplemental Examination, or in a Repeat Year, to achieve the pass standard for the Postgraduate Diploma in Interactive Media.</p> <ul style="list-style-type: none"> <li>• The maximum mark obtainable in a lecture module taken in the Autumn or in a Repeat Year is 40/100 (40%).</li> <li>• A maximum of four attempts to pass any lecture module is permitted.</li> </ul>

<b>HIGHER DIPLOMA IN STATISTICS (FULL-TIME)</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> of taught modules – as outlined at: <a href="http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page05.html">http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page05.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module, 200 per 10 credit module. Total Marks 1200.
<b>Distribution of Marks:</b>	Distribution of Marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%.
<b>Pass Standard (programme level):</b>	To pass, a candidate must:  (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours: (If applicable)</b>	Honours for the Higher Diploma are awarded as follows: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade I:</b> an aggregate of at least 744/1200 marks (i.e. 62% and above) <b>Second Class Honours Grade II:</b> an aggregate of at least 660/1200 marks (i.e. 55% and above) <b>Third Class Honours:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above) Honours will not be awarded in a Supplemental or Repeat Year Examination.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Students failing to achieve the pass standard may repeat failed/absent modules in the Autumn Supplemental Examination, or in a Repeat Year, to achieve the pass standard.  The maximum mark obtainable in a lecture module taken in the Autumn or in a Repeat Year is 40/100 (40%)
<b>Three Year Rule:</b>	Candidates must pass within 3 academic years of the date of first registration for the programme; otherwise they cannot continue in the programme.

<b>HIGHER DIPLOMA IN STATISTICS (PART-TIME)</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take 25 <b>credits</b> of taught modules in Year 1 and 35 credits of taught modules in Year 2 – as outlined at: <a href="http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page05.html">http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page05.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module, 200 per 10 credit module. Total Marks 500 in Year 1 and 700 in Year 2.
<b>Distribution of Marks:</b>	Distribution of Marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (programme level):</b>	Regulations are as for the Higher Diploma in Statistics (Full-Time), on the condition that students must pass the Year 1 lecture modules, by obtaining an aggregate mark of 40% (i.e. 200/500 marks), before registering for the remaining modules.
<b>Honours: (If applicable)</b>	Regulations are as for the Higher Diploma in Statistics (Full-Time).
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Students failing to achieve the pass standard may repeat failed/absent modules in the Autumn Supplemental Examination, or in a Repeat Year, to achieve the pass standard.
<b>Three Year Rule:</b>	The maximum mark obtainable in a lecture module taken in the Autumn or in a Repeat Year is 40/100 (40%) Candidates must pass each year within 3 academic years of the date of first registration for the programme; otherwise they cannot continue in the programme.

<b>MSc QUALIFYING EXAMINATION (MATHEMATICS)</b>	
<b><i>Time:</i></b>	Examination is by written examination and/or continuous assessment. Examinations to be held in the winter and summer with repeat examinations in the autumn. All marks, including the project (MA4053), will be considered at the Summer Board and the Autumn Board.
<b><i>Distribution of Marks:</i></b>	The required modules are the following: MA4052 Functional Analysis; MA4053 Project; MA4058 Measure Theory and Integration; MA4059 Topics in Mathematics; MA4062 Topics in Modern Algebra; MA4063 Topics in Differential Geometry. Each module will count for 100 marks with a total of 600.
<b><i>Qualifying Standard:</i></b>	55%

<b>MSC ACTUARIAL SCIENCE</b>	
<b>Time:</b>	<p><b>Part 1:</b> Marks for the taught core modules ST6001, ST6005, ST6015, ST607, ST6020, ST6022, ST6032 and elective modules ST6003 and ST6018 or ST6016, ST6019 and ST6023 will be presented to the Summer Examination Board. For students failing to achieve the pass standard in these modules at the Summer Examination, there will be a Supplemental Examination in Autumn with marks presented to the Autumn Examination Board.</p> <p><b>Part 2:</b> Marks for the taught module PA6007 and for the research project ST6009 will be presented to the Autumn Examination Board. For students failing to achieve the pass standard in module PA6007 at the Autumn Examination, there will be a Supplemental Examination in Winter with marks presented to the Winter Examination Board. There is no Supplemental Examination in the research project ST6009.</p> <p>The research project ST6009 must be submitted by a date determined by the Department.</p>
<b>Modules:</b>	Students take 90 credits of modules as outlined in the College Calendar: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#actuarial">http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#actuarial</a>
<b>Marks Maxima:</b>	100 per five credit module, 200 per ten credit module, 300 per fifteen credit module. 400 per twenty credit module.
<b>Distribution of Marks:</b>	Taught modules: 1400 marks Research project: 400 marks Total: 1800 marks (Part 1 = 1200 marks, Part 2 = 600 marks)
<b>Pass and Progression (programme level):</b>	<p><b>MSc in Actuarial Science</b> Progression to Part 2, including the taught module PA6007 will be based on students' performance in the 60 credits of taught modules in Part 1 of the programme. To progress to Part 2 students must:</p> <p>(i) obtain an overall aggregate mark of not less than 600/1200 (50%) on these 60 credits of taught modules at the student's first attempt (ii) pass all 60 credits of these taught modules.</p>
<b>Degree Award:</b>	To pass and receive an <i>MSc in Actuarial Science</i> students must: Pass all 90 credits of modules.
<b>Honours:</b>	<p>Students will be eligible for the award of honours on the basis of the marks achieved on taught modules over the Summer, Autumn and Supplemental Examinations, together with marks achieved on the research project. Honours will be awarded on aggregate as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 1260/1800 marks (i.e. 70% and above) <b>Second Class Honours Grade 1:</b> an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade 2:</b> an aggregate of at least 900/1800 marks (i.e. 50% and above but less than 60%) <b>Pass:</b> an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 50%)</p> <p><b>Postgraduate Diploma in Actuarial Science</b></p>



	<p>Students will be eligible for the award of honours on the basis of the marks achieved over the Summer and Autumn Supplemental Examinations. Honours will be awarded on aggregate as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p><b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p><b>Pass:</b> an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 50%)</p>
<b>Postgraduate Diploma in Actuarial Science Exit Award:</b>	<p><b>Postgraduate Diploma in Actuarial Science:</b> Students failing to reach the progression standard, but who achieve a pass based on marks in the taught modules outlined below graduate with a Postgraduate Diploma in Actuarial Science.</p> <p>Students may also opt to exit the programme and graduate with a Postgraduate Diploma in Actuarial Science provided they have achieved a pass in the modules outlined below.</p> <p>Students progressing to, but failing to reach the pass standard in, MSc Actuarial Science will be eligible for a Postgraduate Diploma in Actuarial Science.</p> <p>To pass and receive a Postgraduate Diploma in Actuarial Science students must:</p> <ul style="list-style-type: none"> <li>(i) obtain an overall aggregate mark of not less than 480/1200 marks (40%) in the taught core modules ST6001, ST6005, ST6015, ST6017, ST6020, ST6022, ST6032 and elective modules ST6003 and ST6018 or ST6016, ST6019 and ST6023</li> <li>(ii) pass modules to the value of at least 50 credits</li> <li>(iii) obtain a mark of not less than 30% in any remaining module(s).</li> </ul>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 1 academic year subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination, if any, for individual modules.</li> <li>o Students who fail to achieve the pass standard for the year at the Summer / Autumn Examination must repeat all failed / absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>o Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o There is provision for repeating failed departmental tests. The mark for the portfolio element of Continuous Assessment is carried forward on failed modules.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.
<b>Three Year Rule (or other rule to apply):</b>	Candidates must pass within 2 academic years of the date of first registration for the programme; otherwise they cannot continue in the programme.

<b>MSC MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING</b>	
<b>Time:</b>	Marks for all taught modules, including those wholly assessed by Continuous Assessment, will be presented to the relevant Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The minor dissertation (AM6012) must be submitted before the end of the academic year (i.e. the September following the date of first registration in the case of full-time students and the September following the date of second registration in the case of part-time students) and will be examined in October.
<b>Modules:</b>	Students take <b>90 credits</b> as follows: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#4">http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#4</a>
<b>Marks Maxima:</b>	100 per five credit module, 200 per ten credit module. Total Marks: 1800.
<b>Distribution of Marks:</b>	Written Examinations: 1200 Minor Dissertation: 600 Written examinations include continuous assessment and computer based examinations. Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass and Progression Standard (programme level):</b>	Students who achieve the pass standard in each of the taught modules and an aggregate of at least 50% across all taught modules at their first attempt are deemed eligible to proceed to take the minor dissertation module, AM6012.
<b>Postgraduate Diploma in Mathematical Modelling and Scientific Computing Exit Award:</b>	Students failing to reach this progression standard, but who achieve a pass in each of the taught modules, graduate with a <i>Postgraduate Diploma in Mathematical Modelling and Scientific Computing</i> . Students may also opt to exit the programme and graduate with a <i>Postgraduate Diploma in Mathematical Modelling and Scientific Computing</i> provided they have achieved a pass in each taught module.
<b>Honours:</b>	<b>MSc in Mathematical Modelling and Scientific Computing</b> Honours will be awarded on the basis of the overall aggregate mark: <b>First Class Honours:</b> an aggregate of at least 1260/1800 marks (i.e. 70% and above) <b>Second Class Honours Grade 1:</b> an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade 2:</b> an aggregate of at least 900/1800 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 810/1800 marks (i.e. 45% and above but less than 50%) <b>Pass:</b> an aggregate of at least 760/1800 marks (i.e. 40% and above but less than 45%) <b>Postgraduate Diploma in Mathematical Modelling and Scientific Computing:</b> Honours will be awarded on the basis of the overall aggregate mark: <b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above) <b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1800 marks (i.e. 60% and above but less than 70%)

	<p><b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1800 marks (i.e. 50% and above but less than 60%)</p> <p><b>Third Class Honours:</b> an aggregate of at least 540/1800 marks (i.e. 45% and above but less than 50%)</p> <p><b>Pass:</b> an aggregate of at least 480/1800 marks (i.e. 40% and above but less than 45%)</p>
<p><b>Supplemental Examinations:</b></p>	<ul style="list-style-type: none"> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination. Marks for continuous assessment will be carried forward; there is provision for repeating continuous assessments.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
	<p>o</p>
	<p>o</p>

<b>MSC MATHEMATICAL MODELLING AND SELF-LEARNING SYSTEMS</b>	
<b>Time:</b>	Marks for all modules in Part 1 including those wholly assessed by Continuous Assessment, will be presented to the relevant Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The dissertation (AM6012) must be submitted before the end of the academic year (i.e. the September following the date of first registration in the case of full-time students and will be examined in October).
<b>Modules:</b>	Part 1: Students take 60 credits; Part 11: Research Dissertation (AM6012) (30 credits) as detailed at <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#4">http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#4</a>
<b>Marks Maxima:</b>	100 per five credit module, 200 per ten credit module, 600 per 30 credit module: Total Marks: 1800.
<b>Distribution of Marks:</b>	Written Examinations: 1200 Dissertation: 600 Written examinations include continuous assessment and computer based examinations. Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	The pass standard for each module is 40%.  Students must achieve the pass standard in each of the taught modules and an aggregate of at least 50% across all taught modules in Part 1 at their first attempt to be eligible to submit the Research Dissertation (i.e. Part 11 of the programme AM6012)  Students achieving an aggregate of 50% at the Spring Examination but not passing all taught modules in Part 1 must repeat all failed/absent modules at the Autumn Supplemental Examination to be eligible for the award of a Postgraduate Diploma in Mathematical Modelling and Self-learning Systems
<b>Exit Award: Postgraduate Diploma in Mathematical Modelling and Self Learning Systems</b>	Students who pass every taught module but fail to achieve the requisite aggregate grade of 50% in the taught modules at the first attempt (Part 1) exit with a Postgraduate Diploma in Mathematical Modelling and Self-Learning Systems.  Students may also opt to exit the programme with a Postgraduate Diploma in Mathematical Modelling and Self-Learning Systems provided they have achieved a pass in every taught module.
<b>Honours:</b>	<b>MSc in Mathematical Modelling and Self-learning Systems</b> Honours will be awarded on the basis of the overall aggregate mark: <b>First Class Honours:</b> an aggregate of at least 1260/1800 marks (i.e. 70% and above) <b>Second Class Honours Grade 1:</b> an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%) <b>Second Class Honours Grade 2:</b> an aggregate of at least 900/1800 marks (i.e. 50% and above but less than 60%) <b>Third Class Honours:</b> an aggregate of at least 810/1800 marks (i.e. 45% and above but less than 50%) <b>Pass:</b> an aggregate of at least 760/1800 marks (i.e. 40% and above but less than 45%) <b>Postgraduate Diploma in Mathematical Modelling and Self-learning Systems:</b> Honours will be awarded on the basis of the overall aggregate mark:

	<p><b>First Class Honours:</b> an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p><b>Second Class Honours Grade 1:</b> an aggregate of at least 720/1800 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours Grade 2:</b> an aggregate of at least 600/1800 marks (i.e. 50% and above but less than 60%)</p> <p><b>Third Class Honours:</b> an aggregate of at least 540/1800 marks (i.e. 45% and above but less than 50%)</p> <p><b>Pass:</b> an aggregate of at least 480/1800 marks (i.e. 40% and above but less than 45%)</p>
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. Note: for some modules there is no Supplemental Examination.</li> <li>o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Marks from all passed modules are carried forward to the Supplemental Examination. Marks for continuous assessment will be carried forward; there is provision for repeating continuous assessments.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.
<b>Three Year Rule (or other rule to apply):</b>	Candidates must pass within three academic years of the date of first registration for first year; otherwise they cannot continue in the programme.

<b>MSc Financial and Computational Mathematics</b>	
<b>Time:</b>	<p>Marks for all modules in Part 1 including those wholly assessed by continuous assessment will be presented to the Summer Examination Board. For students failing to achieve the pass standards in Part 1 modules, there will be a supplemental examination in Autumn with an Autumn Examination Board.</p> <p>The dissertation should be submitted to the School/Department by the beginning of September and will be examined in October. The dissertation will be considered at the Winter Board. There is no repeat provision for the dissertation.</p>
<b>Modules:</b>	Candidates take modules to the value of <b>90</b> credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science">http://www.ucc.ie/calendar/postgraduate/Masters/science</a>
<b>Marks Maxima:</b>	100 marks per 5 credit module; 200 marks per 10 credit module, 600 marks per 30 credit module. Total Marks:1800
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass Standard (module level):</b>	<p>The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i>, (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>).</p> <p>On the recommendation of the responsible School/Department, an Examination Board may decide that a dissertation is a borderline pass/fail and may agree to permit the student to make minor corrections to achieve the pass standard for the Dissertation within six weeks of the publication of examination results.</p>
<b>Pass and Progression Standard (programme level):</b>	<p>Candidates must pass all modules in Part 1 and achieve a minimum aggregate of at least 50% across all modules in Part 1 at the first attempt before proceeding to Part 11.</p> <p>Candidates must pass all modules in Parts 1 and 11 in order to pass the programme</p>

<b>MSc Financial and Computational Mathematics</b>	
<b>Exit Award Postgraduate Diploma in Financial and Computational Mathematics</b>	Candidates who fail to reach this progression standard, but who either pass Part 1 on the first attempt with an aggregate of less than 50%, or who pass Part 1 after repeating one or more examinations, or who pass Part 1 and choose not to progress to Part 11, will exit the programme and will be conferred with the Postgraduate Diploma in Financial and Computational Mathematics.
<b>Honours (MSc and Postgraduate Diploma):</b>	<p>Students are eligible for the award of honours on the basis of the marks achieved over the Summer, Autumn Supplemental and Winter Examination Boards. To be eligible for honours, students must pass all modules. Note: For rules governing the award of honours at the Autumn Supplemental Examinations and/or in a Repeat Year, please see under 'Supplemental Examinations' and/or 'Repeat Year Examination' below</p> <p>The grade of honours shall be determined as follows:</p> <p><b>First Class Honours:</b> An aggregate of not less than 1260/1800 marks (i.e 70% and above)</p> <p><b>Second Class Honours Grade 1:</b> An aggregate of not less than 1080/1800 marks (60% and above but less than 70%).</p> <p><b>Second Class Honours Grade 2:</b> An aggregate of not less than 900/1800 (50% and above but less than 60%).</p> <p><b>Pass:</b> An aggregate of not less than 720/1800 (40% and above but less than 50%)</p> <p style="text-align: center;"><b>Postgraduate Diploma in Financial and Computational Mathematics</b></p> <p>Honours will be awarded on the basis of the overall aggregate mark:</p> <p><b>First Class Honours:</b> An aggregate of not less than 840/1200 marks (i.e. 70% and above)</p> <p><b>Second Class Honours Grade 1</b> An aggregate of not less than 720/1200 marks (60% and above but less than 70%)</p> <p><b>Second Class Honours Grade 2:</b> An aggregate of not less than 600/1200 marks (50% and above but less than 60%).</p> <p><b>Pass:</b> An aggregate of not less than 480/1200 (40% and above but less than 50%).</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for the Research Dissertation (MB6016).</i></li> <li>○ Students who fail to achieve the pass standard for any taught module at the Summer Examination will be permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>○ Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass &amp; progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> </ul>

<b>MSc Financial and Computational Mathematics</b>	
	<ul style="list-style-type: none"><li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li></ul>
<b><i>Repeat Year Examinations:</i></b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.



## MICROBIOLOGY

<b>MSc BIOINFORMATICS AND COMPUTATIONAL BIOLOGY</b>	
<b>Time:</b>	Marks for all modules including those wholly assessed by Continuous Assessment will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Marks for the Dissertation will be submitted to the Autumn Examination Board, with no Supplemental Examination.
<b>Modules:</b>	Candidates take modules to the value of <b>90</b> credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#bioinformatics">http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#bioinformatics</a>
<b>Marks Maxima:</b>	100 marks per 5 credit module; 200 marks per 10 credit module, 600 marks per 30 credit module. Total Marks:1800
<b>Distribution of Marks:</b>	<p style="margin-left: 40px;">Taught Modules: 1200 marks Research Dissertation: 600 marks Total Marks: 1800</p> <p>Written Examinations may include Continuous Assessment and Practical Elements where applicable. Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>)</p>
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	<p>Students achieving an aggregate of at least 50% with not less than 40% in each taught module are deemed eligible to proceed to the Research Dissertation.</p> <p>Students achieving an aggregate of 50% at the Summer Examination, but not passing all taught modules, must repeat and pass all failed/absent modules at the Autumn Supplemental Examination to be eligible to submit the Research Dissertation.</p> <p><b>Postgraduate Diploma in Bioinformatics and Computational Biology:</b></p> <p>Students failing to reach this progression standard, but who achieve a pass in each of the taught modules, graduate with a <i>Postgraduate Diploma in Bioinformatics and Computational Biology</i>. Students may also opt to exit the programme and graduate with a <i>Postgraduate Diploma in Bioinformatics and Computational Biology</i> provided they have achieved a pass in each taught module.</p>
<b>MSc Degree Award:</b>	<p>A student who obtains an average mark of at least 50% across the taught modules, and not less than 40% in the Research Dissertation (MB6303), will be eligible for the award of the MSc degree.</p> <p>A student who does not attain 40% in the Research Dissertation (MB6303) will graduate with a <i>Postgraduate Diploma in Bioinformatics and Computational Biology</i></p>

<b>MSc BIOINFORMATICS AND COMPUTATIONAL BIOLOGY</b>	
<b>Honours (MSc and Postgraduate Diploma):</b>	<p>Honours will be awarded on the basis of the overall aggregate marks awarded as follows:</p> <p>First Class: 70% - 100% (i.e. at least 1260/1800 marks)</p> <p>Second Class: 60% - 69% (i.e. at least 1080/1800 marks but less than 1260/1800 marks)</p> <p>Third Class: 55% - 60% (i.e. at least 990/1800 marks but less than 1080/1800 marks)</p> <p>Pass: an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 55%)</p>
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>○ Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for the Research Dissertation (MB6303).</i></li> <li>○ Students who fail to achieve the pass standard for any taught module at the Summer Examination will be permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>○ Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>○ The pass &amp; progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>○ Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year.

## PHD

<b>PHD (CANCER BIOLOGY)</b>	
<b>First University Examination</b>	
<b>Time:</b>	Marks for taught modules will be forwarded to the PhD Scholars Programme in Cancer Biology Summer Examinations Board. Any Autumn Supplemental Examination results will be forwarded to the Autumn Examinations Board. Marks for research modules (CB7001, CB7002 and CB7003) will be forwarded to the Autumn Examinations Board.
<b>Modules:</b>	Students take modules to the value of <b>75 credits</b> and complete research to an equivalent workload of <b>15 credits</b> : <a href="http://www.ucc.ie/calendar/postgraduate/Doctor/page017.html">http://www.ucc.ie/calendar/postgraduate/Doctor/page017.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module, 200 per 10 credit module, 300 per 15 credit module. Total marks: 1300. Two PG modules are assessed on a pass/fail basis.
<b>Distribution of Marks:</b>	Assessment details for individual modules are contained in the <i>Book of Modules</i> <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass Standard (module level):</b>	The pass standard for each module is 50%. Special requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass and Progression Standard (programme level):</b>	To pass First Year and progress to Second Year, a candidate must pass all modules to the value of 75 credits and submit and orally defend a satisfactory research proposal of their intended PhD project (research to an equivalent workload of 15 credits).
<b>Supplemental Examinations:</b>	Students may re-submit failed/absent modules to Autumn Examination for submission to the Autumn Exam Board. Marks for all passed modules are carried forward to the Autumn Exam. <i>Note: For some modules, there are no supplemental examinations: CB7001, CB7002 and CB7003.</i> A student who fails to pass all modules at the First University Examination at the Autumn Examinations or who fails to submit and defend a satisfactory research proposal will be unable to proceed and must withdraw from the programme.

<b>Second University Examination</b>	
<b>Time:</b>	Marks will be forwarded to the PhD Scholars Programme in Cancer Biology Autumn Examinations Board.
<b>Modules:</b>	Students take one module, CB7007, to the value of 5 credits and complete thesis research to the equivalent workload of 85 credits: <a href="http://www.ucc.ie/calendar/postgraduate/Doctor/page017.html">http://www.ucc.ie/calendar/postgraduate/Doctor/page017.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module. Totals marks: 100.
<b>Distribution of Marks:</b>	Assessment details for individual modules are contained in the <i>Book of Modules</i> <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass Standard (module level):</b>	The pass standard for each module is 50%. Special requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, each candidate's progress and performance will be assessed by a full review (Graduate Study) Board and an appointed external examiner.

<b>Third University Examination</b>	
<b>Time:</b>	Marks will be forwarded to the PhD Scholars Programme in Cancer Biology Autumn Examinations Board.
<b>Modules:</b>	Students take one module, CB7008, to the value of 5 credits and complete thesis research to the equivalent workload of 85 credits: <a href="http://www.ucc.ie/calendar/postgraduate/Doctor/page017.html">http://www.ucc.ie/calendar/postgraduate/Doctor/page017.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module. Total marks: 100.
<b>Distribution of Marks:</b>	Assessment details for individual modules are contained in the <i>Book of Modules</i> <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass Standard (module level):</b>	The pass standard for each module is 50%. Special requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to the PhD University Examination, each candidate's progress and performance will be assessed by a full review (Graduate Study) Board and an appointed external examiner.

<b>PhD University Examination</b>	
<b>Time:</b>	The result of the thesis assessment will be forwarded to the Academic Council Graduate Studies Committee. See PhD Regulations under "Examination." <a href="http://www.ucc.ie/calendar/postgraduate/Doctor/page001.html">http://www.ucc.ie/calendar/postgraduate/Doctor/page001.html</a>

<b>PHD (MOLECULAR CELL BIOLOGY)</b>	
<b>First University Examination</b> <b>These Marks &amp; Standards relate to the taught elements of the PhD</b>	
<b>Time:</b>	Marks for taught modules will be forwarded to the PhD Programme in Molecular Cell Biology Summer Examinations Board. Any Autumn Supplemental Examination results will be forwarded to the Autumn Examinations Board. Marks for modules (ML7001 and ML7002) will be forwarded to the Autumn Examinations Board.
<b>Modules:</b>	Students take modules to the value of 80 credits and complete research to an equivalent workload of 10 credits <a href="http://www.ucc.ie/calendar/postgraduate/Doctor/page021.html">http://www.ucc.ie/calendar/postgraduate/Doctor/page021.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module, 200 per 10 credit module, 500 per 25 credit module. Total marks: 1400. Two PG modules are assessed on a pass/fail basis.
<b>Distribution of Marks:</b>	Assessment details for individual modules are contained in the Book of Modules <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass Standard (module level):</b>	The pass standard for each module where a mark is allocated is 50%. Special requirements for individual modules, if any, are detailed in the Book of Modules, <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass and Progression Standard (Programme level):</b>	To pass First Year and progress to Second Year, a candidate must pass all modules to the value of 80 credits and submit and orally defend a satisfactory research proposal of their intended PhD project.
<b>Supplemental Examinations:</b>	Students may re-submit failed/absent modules to Autumn Examination for submission to the Autumn Exam Board. Marks for all passed modules are carried forward to the Autumn Exam. Note: For some modules, there are no supplemental examinations: ML7001 and ML7002. A student who fails to pass all modules at the First University Examination at the Autumn Examinations or who fails to submit and defend a satisfactory research proposal will be unable to proceed and must withdraw from the programme.
<b>MSc in Applied Molecular Cell Biology:</b>	Students who pass the taught modules to the value of 80 credits and do not wish to progress to a PhD may elect not to complete the thesis proposal and instead complete a research dissertation ML6007 to the value of 10 credits. On successful completion of ML6007 these students will be conferred with an MSc in Applied Molecular Cell Biology.
<b>Second University Examination</b>	
<b>Time:</b>	Marks will be forwarded to the PhD Programme in Molecular Cell Biology Autumn Examinations Board.
<b>Modules:</b>	Students take one module, ML7004, to the value of 5 credits and complete thesis research to the equivalent workload of 85 credits: <a href="http://www.ucc.ie/calendar/postgraduate/Doctor/page021.html">http://www.ucc.ie/calendar/postgraduate/Doctor/page021.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module. Totals marks: 100.
<b>Distribution of Marks:</b>	Assessment details for individual modules are contained in the Book of Modules <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass Standard (module level):</b>	The pass standard for each module is 50%. Special requirements for individual modules, if any, are detailed in the Book of Modules, <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass and Progression</b>	To pass Second Year and progress to Third Year, a candidate must pass ML7004

<b>Second University Examination</b>	
<b>Standard (programme level):</b>	to the value of 5 credits.
<b>Supplemental Examinations:</b>	Students who fail to achieve the pass standard for ML7004 or who fail to present must repeat and pass the oral presentation component of the module.

<b>Third University Examination</b>	
<b>Time:</b>	Marks will be forwarded to the PhD Programme in Molecular Cell Biology Autumn Examinations Board.
<b>Modules:</b>	Students take one module, ML7005, to the value of 5 credits and complete thesis research to the equivalent workload of 85 credits: <a href="http://www.ucc.ie/calendar/postgraduate/Doctor/page021.html">http://www.ucc.ie/calendar/postgraduate/Doctor/page021.html</a>
<b>Marks Maxima:</b>	100 per 5 credit module. Total marks: 100.
<b>Distribution of Marks:</b>	Assessment details for individual modules are contained in the Book of Modules <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass Standard (module level):</b>	The pass standard for each module is 50%. Special requirements for individual modules, if any, are detailed in the Book of Modules, <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to the PhD University Examination, a candidate must pass ML7005 to the value of 5 credits.
<b>Supplemental Examinations:</b>	Students who fail to achieve the pass standard for ML7004 or who fail to present must repeat and pass the oral presentation component of the module.

<b>PhD University Examination</b>	
<b>Time:</b>	The result of the thesis assessment will be forwarded to the Academic Council Graduate Studies Committee. See PhD Regulations under "Examination." <a href="http://www.ucc.ie/calendar/postgraduate/Doctor/page001.html">http://www.ucc.ie/calendar/postgraduate/Doctor/page001.html</a>

	<b>PhD in Microbial Biotechnology</b>
<i>Time:</i>	Marks for all modules will be presented annually to a summer Examination Board. Failed modules may be re-taken at a Supplemental Examination or in a subsequent year with marks presented to the next meeting of the Programme Examination Board.
<i>Modules:</i>	Over the course of the first three years of the PhD, students take modules to a total value of <b>80</b> credits. Modules may be taken in any of the first three years, but a minimum of 15 credits and a maximum of 35 credits may be taken in any 12 month period. In addition to the <b>45</b> credits of core modules [MB7001, MB7002, MB7003; <b>PG6015</b> ; <b>LW6104</b> ], 20 credits must be in the <i>Skills and Knowledge relevant to the Discipline</i> category, <b>10</b> credits in the <i>Transferable Skills</i> category, and 5 credits in the <i>Innovation</i> category. Over the first three years of the PhD, students also complete research to an equivalent workload of <b>190</b> credits. Research to an equivalent workload of a minimum of 55 credits and a maximum of 75 credits may be taken in any 12 month period in the first three years of the PhD.
<i>Marks Maxima:</i>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1500.
<i>Distribution of Marks:</i>	Assessment details for individual modules are contained in the Book of Modules ( <a href="https://www.ucc.ie/admin/registrar/modules/">https://www.ucc.ie/admin/registrar/modules/</a> ).
<i>Pass Standard (module level):</i>	The pass standard for each module is as defined in the Book of Modules ( <a href="https://www.ucc.ie/admin/registrar/modules/">https://www.ucc.ie/admin/registrar/modules/</a> ).
<i>Pass and Progression Standard (programme level):</i>	<p>To progress to the next year of their PhD, a student must</p> <ol style="list-style-type: none"> <li>(1) demonstrate satisfactory progress in their research in a progress review</li> <li>(2) demonstrate satisfactory progress in implementing the training programme agreed in the student's Personal Career Development Plan (PCDP)</li> <li>(3) have passed a minimum of 15 credits of taught modules in that year</li> </ol> <p>These requirements will be assessed by a progress review panel appointed by the Programme Board. If a student fails to satisfy progression requirements, the Programme Board may prevent progression of the student. In this case, the student must withdraw from the programme.</p> <p>To progress to the PhD University Examination, a candidate must satisfy the following requirements</p> <ol style="list-style-type: none"> <li>(1) have performed research to an equivalent workload of at least <b>190</b> credits</li> </ol>

	<p>(2) have passed modules to the value of <b>80</b> credits, including core modules and an appropriate distribution of electives as listed in the College Calendar</p> <p>(3) have received a satisfactory appraisal having spent <b>a minimum of 6 months</b> performing research in the laboratory of another academic institution outside of Ireland</p> <p>(4) have received a satisfactory appraisal of research progress from the progress review panel at the end of the third year</p>
<i>Honours:</i>	N/A
<i>Exit award:</i>	N/A
<i>Exemptions:</i>	N/A
<i>Supplemental Examination:</i>	<p>Supplemental examinations for all modules will be held at the next available opportunity,</p> <p>Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></p> <p>Students who fail to achieve the pass standard for the year at the first attempt, must repeat all failed/absent modules at the Supplemental Examination where there is provision to do so and if not disallowed by the Examination Board.</p>
<i>Repeat Year Examinations:</i>	N/A
<i>Three Year Rule (or other rule to apply):</i>	N/A