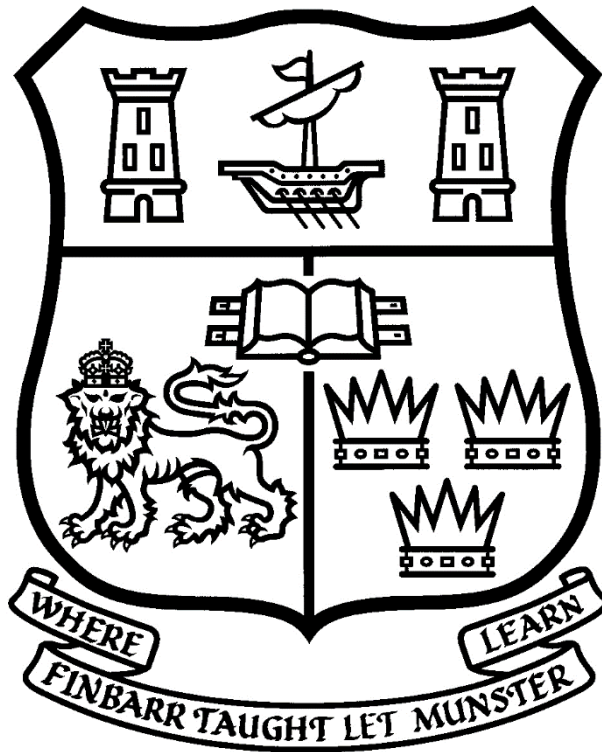


UNIVERSITY COLLEGE CORK

Updated Sept 2022



MARKS AND STANDARDS EXAMINATIONS 2021-2022

| | |
|--|-----------|
| General Regulations Governing all Examinations | 1 |
| UNDERGRADUATE PROGRAMMES | 1 |
| First University Examination in Science | 1 |
| Programme Listing: CK401 COMPUTER SCIENCE, CK402 BIOLOGICAL AND CHEMICAL SCIENCES, CK404 BIOLOGICAL, EARTH AND ENVIRONMENTAL SCIENCES, CK405 GENETICS, CK406 CHEMICAL SCIENCES, CK407 MATHEMATICAL SCIENCES, CK408 PHYSICS AND ASTROPHYSICS, CK409 INDUSTRIAL PHYSICS, CK411 DATA SCIENCE AND ANALYTICS, CK412 BACHELOR OF AGRICULTURAL SCIENCE, CR320 BSC (HONS) (BIOMEDICAL SCIENCE) DEGREE | 1 |
| BSc Agricultural Science | 6 |
| School of Biological, Earth and Environmental Sciences | 11 |
| Programme Listing: Applied Plant Biology, Earth Science, Ecology and Environmental Biology, Environmental Science, Geography, Geology, International Field Geosciences, Zoology | 11 |
| BIOLOGICAL SCIENCES | 15 |
| SECOND UNIVERSITY EXAMINATION in SCIENCE..... | 15 |
| THIRD UNIVERSITY EXAMINATION in SCIENCE | 17 |
| BSc (Hons) DEGREE Examination | 21 |
| BSc (Hons) DEGREE EXAMINATION in Ecology, Applied Plant Biology and Zoology | 26 |
| CIT/UCC Joint BSc (Hons) in biomedical science | 29 |
| BIOMEDICAL SCIENCEBIO | 34 |
| FIRST UNIVERSITY EXAMINATION IN SCIENCE | 34 |
| SECOND UNIVERSITY EXAMINATION IN SCIENCE | 36 |
| THIRD UNIVERSITY EXAMINATION in SCIENCE | 38 |
| BSc (Hons) DEGREE EXAMINATION | 40 |
| School of Chemistry | 43 |
| Programme Listing: BSc Chemistry, BSc Chemistry of Pharmaceutical Compounds, BSc Chemistry with Forensic Science, BSc Chemical Physics | 43 |
| School of Computer Science and Information Technology | 50 |
| Programme Listing: BSc Computer Science, BSc Computer Science (Software Entrepreneurship), BSc Data Science & Analytics, BSc (Ordinary) Computer Studies (Dual Degree), Diploma in Computer Studies (NFQ Level 7) | 50 |
| SCIENCE EDUCATION | 58 |
| SECOND UNIVERSITY EXAMINATION IN SCIENCE..... | 58 |
| THIRD UNIVERSITY EXAMINATION in SCIENCE..... | 60 |
| BSC (HONS) DEGREE EXAMINATION | 62 |

| | |
|--|------------|
| BSc Genetics | 66 |
| BSc (Hons) Degree Examination (Intercalated)..... | 71 |
| School of Mathematical Sciences | 75 |
| Programme Listing: BSc Financial Mathematics and Actuarial Science, BSc Risk and Actuarial Studies, BSc Mathematical Sciences, BSc Applied Mathematics & Physics or Mathematics and Physics – Joint Honours, BSc Mathematical Sciences & Physics – Joint Honours..... | 75 |
| Department of Physics..... | 80 |
| Programme Listing: BSc Physics, BSc Astrophysics, BSc Industrial Physics, BSc Applied Mathematics & Physics or Mathematics and Physics – Joint Honours, BSc Mathematical Sciences & Physics – Joint Honours | 80 |
| DIPLOMAS | 86 |
| computer SCIENCE..... | 86 |
| DIPLOMA IN COMPUTER STUDIES..... | 86 |
| STATISTICS..... | 87 |
| DIPLOMA IN STATISTICAL STUDIES | 87 |
| Diploma in Biological Sciences | 88 |
| Diploma in Environmental and Geological Sciences..... | 90 |
| POSTGRADUATE PROGRAMMES | 93 |
| MASTERS' DEGREES | 93 |
| MSc DEGREEs..... | 94 |
| BIOCHEMISTRY AND CELL BIOLOGY | 95 |
| MSc Biotechnology | 95 |
| MSc Molecular Cell Biology with Bioinnovation..... | 97 |
| MRes (Master of Research) in Biochemistry and Cell Biology | 100 |
| BIOLOGICAL, EARTH & ENVIRONMENTAL SCIENCES | 102 |
| Postgraduate Certificate in MARINE BIOLOGY..... | 102 |
| Postgraduate Diploma in Freshwater Quality Monitoring and Assessment – Year 1 | 103 |
| Freshwater Quality Monitoring and Assessment Postgraduate Diploma in– Year 2 | 105 |
| MSc in Freshwater Quality Monitoring and Assessment: Year 1 | 107 |
| MSc in Freshwater Quality Monitoring and Assessment: Year 2..... | 108 |
| MSc in Freshwater Quality Monitoring and Assessment: Year 3..... | 110 |
| MSc MARINE BIOLOGY | 112 |
| MSc in Applied Environmental GeoLOGY | 114 |

| | |
|--|------------|
| MSc in Applied Environmental Geosciences | 116 |
| MRes IN PLANT BIOLOGY/GEOLOGICAL SCIENCES/ENVIRONMENTAL SCIENCE/ANIMAL BEHAVIOUR AND WELFARE..... | 118 |
| CHEMISTRY..... | 121 |
| Postgraduate Diploma in ANALYTICAL CHEMISTRY | 121 |
| Postgraduate Diploma in Bioanalytical Chemistry | 122 |
| Higher Diploma in Design and Manufacture of BioPharmaceuticals..... | 123 |
| MSC ANALYTICAL CHEMISTRY; ENVIRONMENTAL ANALYTICAL CHEMISTRY; PHARMACEUTICAL ANALYSIS | 125 |
| COMPUTER SCIENCE & INFORMATION TECHNOLOGY..... | 127 |
| Higher Diploma in Applied Computing Technology (FULL TIME)..... | 127 |
| Higher Diploma in Applied Computing Technology (PART TIME) – YEAR 1..... | 129 |
| Higher Diploma in Applied Computing Technology (PART TIME) – YEAR 2..... | 130 |
| PG Diploma Data Science and Analytics | 132 |
| MSC DATA SCIENCE AND ANALYTICS | 133 |
| MSC INTERACTIVE MEDIA (FULL-TIME AND PART-TIME)..... | 139 |
| Mathematical Sciences..... | 142 |
| HIGHER DIPLOMA IN STATISTICS (FULL-TIME)..... | 142 |
| HIGHER DIPLOMA IN STATISTICS (PART-TIME) | 143 |
| MSc QUALIFYING EXAMINATION (MATHEMATICS) | 144 |
| MSC ACTUARIAL SCIENCE | 144 |
| MSc Financial and Computational Mathematics..... | 147 |
| MSC MATHEMATICAL MODELLING AND SELF-LEARNING SYSTEMS..... | 150 |
| MICROBIOLOGY | 153 |
| MSc BIOINFORMATICS AND COMPUTATIONAL BIOLOGY | 153 |
| PHD | 156 |
| PHD (cancer Biology) | 156 |
| First University Examination | 156 |
| Second University Examination..... | 156 |
| Third University Examination | 157 |
| PhD University Examination..... | 157 |
| PhD (MOlecular cell biology)..... | 158 |
| BIO | 158 |
| First University Examination | 158 |
| These Marks & Standards relate to the taught elements of the PhD... 158 | |
| Second University Examination..... | 159 |
| Third University Examination..... | 159 |
| PhD University Examination..... | 160 |

PhD in Microbial Biotechnology..... 160

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 a r 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/) 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

First University Examination in Science

PROGRAMME LISTING: CK401 COMPUTER SCIENCE, CK402 BIOLOGICAL AND CHEMICAL SCIENCES, CK404 BIOLOGICAL, EARTH AND ENVIRONMENTAL SCIENCES, CK405 GENETICS, CK406 CHEMICAL SCIENCES, CK407 MATHEMATICAL SCIENCES, CK408 PHYSICS AND ASTROPHYSICS, CK409 INDUSTRIAL PHYSICS, CK411 DATA SCIENCE AND ANALYTICS, CK412 BACHELOR OF AGRICULTURAL SCIENCE, CR320 BSC (HONS) (BIOMEDICAL SCIENCE) DEGREE

Examination Boards

- Marks for all modules taken in Semester I and II, 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.
- *Provisional* marks for Semester 1 examinations are released in February of each year. These marks are subject to approval at the University Examination Board held in summer.

Programme Description

- The Programme Description may be found in the University Calendar (<https://www.ucc.ie/admin/calendar>).

Modules Descriptions/Assessment

- Module Descriptions, including assessment elements and their weightings, are contained in the Book of Modules (www.ucc.ie/modules/).

Marks and credits

- A maximum of 100 marks may be awarded for every five credits of a programme
- Some modules are assessed on a PASS/FAIL basis only i.e. marks are not awarded (www.ucc.ie/modules/).

Credits and Marks Maxima

- A maximum of 60 credits, equating to Total Marks of 1,200 may be awarded per year of a programme unless a module is assessed on a PASS/FAIL basis only.

Pass Standard (module level)

- The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules (www.ucc.ie/modules/).

Pass, Pass by Compensation and Progression Standard (Programme level) - see Table 1 for any *additional or alternative* regulations to those listed here.

- To pass a year and progress to a subsequent year, candidates must achieve:
 1. an overall mark of 40% across all modules

2. at least 50 credits with a mark of not less than 40% in each module (see **Table 1** for exceptions)
3. obtain a mark of not less than 30% in any remaining module(s).

Table 1: Specific *additional or alternative* regulations governing Pass, Pass by Compensation and Progression Standard for individual programmes

| Programme Title | Year | Compensation mark | Special Requirements |
|---|------|-------------------|--|
| CK401 COMPUTER SCIENCE | 1 | | Obtain a pass in each module in modules to the value of at least 45 credits |
| CK402 BIOLOGICAL AND CHEMICAL SCIENCES | 1 | | To progress to Second Year Chemistry degree programmes, students must pass the modules CM1200 and CM1201 |
| CK404 BIOLOGICAL, EARTH AND ENVIRONMENTAL SCIENCES | 1 | | Obtain a pass in each module in modules to the value of at least 45 credits NOTE: to progress to Second year International Field Geosciences degree programme, students must pass the modules GL1001, GL1004, MA1001, CM1003 and PY1009 |
| CK406 CHEMICAL SCIENCES | | | To progress to Second Year Chemistry degree programmes, students must pass the modules CM1200 and CM1201 |
| CK408 PHYSICS AND ASTROPHYSICS | 1 | | To progress to Second Year Physics degree programmes, students must pass the modules PY1052 and PY1053. |
| CK409 INDUSTRIAL PHYSICS | 1 | | To progress to Second Year of the degree programme, students must pass the modules PY1052 and PY1053. |
| CK411 DATA SCIENCE AND ANALYTICS | 1 | | Obtain a pass in each module in modules to the value of at least 45 credits |
| CK412 BACHELOR OF AGRICULTURAL SCIENCE | 1 | | Obtain a pass in each module in modules to the value of at least 45 credits |
| CR320 BSC (HONS) (BIOMEDICAL SCIENCE) DEGREE | 1 | | A candidate must pass modules to the value of 60 credits. All modules must be passed. |

Note:

- In First Year only, a maximum of 5 failed credits may be carried forward to Second Year and repeated in that year if permitted. **Note:** This requires Departmental/School approval (Programme Coordinator/Chair of the Board of Studies), a number of other stipulations, and an application or request from the student. Details can be found at <https://www.ucc.ie/en/records-exams/>

Calculation of Honours

- Honours are awarded for each year on the basis of actual marks achieved at the Winter/Summer/Spring Examination and capped marks at the Autumn Supplemental Examination with any cognate study deemed to have been passed at a mark of 40% for the purpose of determining honours. For a list of programmes that do not award honours for a particular year or have different criteria for the awarding of honours, **see Table 2.**
- **Honours** are awarded as follows:
 - **First Class Honours:** $\geq 70\%$
 - **Second Class Honours, Grade I:** $\geq 60\%, < 70\%$
 - **Second Class Honours, Grade II:** $\geq 50\%, < 60\%$
 - **Third Class Honours:** $\geq 45\%, < 50\%$
 - **Pass:** $\geq 40\%, < 45\%$

Table 2: Programmes that do not award honours for a particular year or have different criteria for the awarding of honours

| Programme Title | Year | Honours | Criteria |
|--|------|---------|----------|
| CK401 COMPUTER SCIENCE | 1 | No | |
| CK404 BIOLOGICAL, EARTH AND ENVIRONMENTAL SCIENCES | 1 | No | |
| CK406 CHEMICAL SCIENCES | 1 | No | |
| CK407 MATHEMATICAL SCIENCES | 1 | No | |
| CK408 PHYSICS AND ASTROPHYSICS | 1 | No | |
| CK409 INDUSTRIAL PHYSICS | 1 | No | |
| CK412 BACHELOR OF AGRICULTURAL SCIENCE | 1 | No | |

Exemptions

- 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.
- Where a student fails to achieve the PASS standard required to progress to a subsequent year, they are EXEMPT from further examination in those modules where a PASS mark has been achieved. All failed modules must be taken at the supplemental examination.

Supplemental Examinations:

- Supplemental Examinations for Semesters 1 and 2 will be held in Autumn.

- Please refer to the Book of Modules (www.ucc.ie/modules/) for requirements governing the Supplemental Examination for individual modules. **Note:** For some modules there is no Supplemental Examination.
- 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, including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$),** (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. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and the (capped – see below) marks achieved in repeated modules.
- 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).

Capping of Marks at a Supplemental Examination

- In determining aggregation and progression and the calculation of honours, the maximum mark that will be taken into account is a pass level (40%). The actual mark achieved by the candidate will be recorded on the student record (Academic Transcript).

Repeat Year Examinations

- Students repeating the year may do so choosing one of the following mechanisms. Students are eligible for the award of honours in the first Repeat Year only.
 1. Students retain exemptions, if any, and must repeat all failed/absent modules **including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$).** In determining aggregation and progression and the calculation of the award of honours, full marks achieved in modules passed at the first attempt, plus capped marks achieved in modules at Supplemental/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 first attempt in a Repeat Year.

2. Students may repeat the year taking the full 60 credits.* In determining aggregation and progression and the calculation of award of honours, there is no restriction on the marks awarded for modules taken at the first attempt of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.

**For programmes that have a Work Placement module for that year, students may repeat the year taking the credit value of the taught modules only if the Work Placement module has been passed.*

Subject to capacity, all students - whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.

Where a candidate choosing option 2 also fails the Repeat Year as a result of failing module(s) already passed in the previous year, the aggregation and progression rules as laid out in Option 1 will apply. In the case of candidates choosing option 2 who had already passed at 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.

- 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.

Three Year Rule

- Candidates must pass/progress within three academic years of the date of first registration for a year, otherwise they cannot continue in the programme without special permission.

BSc Agricultural Science

Examination Boards

- Marks for all modules taken in Semester I and II, 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.
- Examination Boards for programmes whose Examination Boards fall outside of this schedule are listed in **Table 1**.
- *Provisional* marks for Semester 1 examinations are released in February of each year. These marks are subject to approval at the University Examination Board held in summer.

Table 1: Examination Boards for programmes that fall outside of the standard summer (with supplemental at autumn) schedule

| Programme Title | Year | Examination Board | Supplemental Examination Board |
|--------------------------|------|--|--|
| BSc Agricultural Science | 3 | Written exam marks will be presented at Summer and Autumn boards | Marks for work placement module AG3001 (pass/fail) will be presented at special Winter Board |

Programme Description

- The Programme Description may be found in the University Calendar (<https://www.ucc.ie/admin/calendar>).

Modules Descriptions/Assessment

- Module Descriptions, including assessment elements and their weightings, are contained in the Book of Modules (www.ucc.ie/modules/).

Marks and credits

- A maximum of 100 marks may be awarded for every five credits of a programme
- Some modules are assessed on a PASS/FAIL basis only i.e. marks are not awarded (www.ucc.ie/modules/).

Credits and Marks Maxima

- A maximum of 60 credits, equating to Total Marks of 1,200 may be awarded per year of a programme unless a module is assessed on a PASS/FAIL basis only. For a full list of credits and marks maxima for all years of all programmes that fall outside of the standard Credits and Marks Maxima structure, **see Table 2**.

Table 2: Details of programmes that fall outside the standard (60) Credits per year and/or (1,200) Marks Maxima.

| Programme Title | Year | Credits | Marks Maxima |
|--------------------------|------|---------|--------------|
| BSc Agricultural Science | 3 | 60 | 900 |

Pass Standard (module level)

- The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules (www.ucc.ie/modules/).

Pass, Pass by Compensation and Progression Standard (Programme level) - see Table 3 for any *additional or alternative* regulations to those listed here.

- To pass a year and progress to a subsequent year, candidates must achieve:
 1. an overall mark of 40% across all modules
 2. at least 50 credits with a mark of not less than 40% in each module
 3. a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules.

Table 3: Specific *additional or alternative* regulations governing Pass, Pass by Compensation and Progression Standard for individual programmes

| Programme Title | Year | Compensation mark | Special Requirements |
|--------------------------|------|-------------------|---|
| BSc Agricultural Science | 3 | | To pass Third Year and progress to Fourth Year, a candidate must: <ol style="list-style-type: none"> (i) obtain an overall aggregate pass of 360/900 marks (40%) across all modules excluding AG3001 (ii) pass modules to the value of 35 credits (iii) obtain a mark of not less than 30% in any remaining module(s). |
| BSc Agricultural Science | 4 | | Students must also <ol style="list-style-type: none"> (i) pass the Fourth Science Research Project (10 credits) (ii) obtain a pass in modules to the value of at least 50 credits (including the Research Project) (iii) Pass the work placement module AG3001 |

Note:

- In First Year only, a maximum of 5 failed credits may be carried forward to Second Year and repeated in that year if permitted. **Note:** This requires Departmental/School approval (Programme Coordinator/Chair of the Board of Studies), a number of other stipulations, and an application or request from the student. Details can be found at <https://www.ucc.ie/en/records-exams/>

Calculation of Honours

- Honours are awarded for each year on the basis of actual marks achieved at the Winter/Summer/Spring Examination and capped marks at the Autumn Supplemental Examination with any cognate study deemed to have been passed at a mark of 40% for the purpose of determining honours. For a list of programmes that do not award honours for a particular year or have different criteria for the awarding of honours, **see Table 4.**
- **Honours** are awarded as follows:
 - **First Class Honours:** $\geq 70\%$
 - **Second Class Honours, Grade I:** $\geq 60\%, < 70\%$
 - **Second Class Honours, Grade II:** $\geq 50\%, < 60\%$
 - **Third Class Honours:** $\geq 45\%, < 50\%$

- **Pass:** $\geq 40\%$, $< 45\%$

Table 4: Programmes that do not award honours for a particular year or have different criteria for the awarding of honours

| Programme Title | Year | Honours | Criteria |
|---------------------------------|------|---------|--|
| BSc Agricultural Science | 3 | Yes | Honours are awarded on the basis of the aggregate marks achieved over the Winter, Summer and Autumn Supplemental Examinations as follows: First Class Honours: an aggregate of at least 630/900marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 540/900 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 450/900 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 405/900marks (i.e. 45% and above but less than 50%) |

Carry Forward Previous Marks for the Calculation of Final Year Marks /Degree Award Calculation – See Table 5 for programme listing

Table 5: Degree Award Calculation

| Programme Title | Degree Award Calculation |
|---------------------------------|--|
| BSc Agricultural Science | The Degree result is awarded on the aggregate of (i) 45% of the aggregate mark from the Third University Examination in Agricultural Science (Maximum 360 marks) and (ii) 70% of the BSc Agricultural Science Degree Examination Mark (maximum 840 marks) Total 1200 marks |

Exemptions

- 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.
- Where a student fails to achieve the PASS standard required to progress to a subsequent year, they are EXEMPT from further examination in those modules where a PASS mark has been achieved. All failed modules must be taken at the supplemental examination.

Supplemental Examinations:

- Supplemental Examinations for Semesters 1 and 2 will be held in Autumn.

- Please refer to the Book of Modules (www.ucc.ie/modules/) for requirements governing the Supplemental Examination for individual modules. **Note:** For some modules there is no Supplemental Examination.
- 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, including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$)**, (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. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and the (capped – see below) marks achieved in repeated modules.
- 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).

Capping of Marks at a Supplemental Examination

- In determining aggregation and progression and the calculation of honours, the maximum mark that will be taken into account is a pass level (40%). The actual mark achieved by the candidate will be recorded on the student record (Academic Transcript).

Repeat Year Examinations

- Students repeating the year may do so choosing one of the following mechanisms. Students are eligible for the award of honours in the first Repeat Year only.

1. Students retain exemptions, if any, and must repeat all failed/absent modules **including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$)**. In determining aggregation and progression and the calculation of the award of honours, full marks achieved in modules passed at the first attempt, plus capped marks achieved in modules at Supplemental/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 first attempt in a Repeat Year.

2. Students may repeat the year taking the full 60 credits.* In determining aggregation and progression and the calculation of award of honours, there is no restriction on the marks awarded for modules taken at the first attempt of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.

**For programmes that have a Work Placement module for that year, students may repeat the year taking the credit value of the taught modules only if the Work Placement module has been passed.*

Subject to capacity, all students - whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.

Where a candidate choosing option 2 also fails the Repeat Year as a result of failing module(s) already passed in the previous year, the aggregation and progression rules as laid out in Option 1 will apply. In the case of candidates choosing option 2 who had already passed at 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.

If Work Placement (AG3001) is failed, a student must repeat or take this module after the BAgrSc (Hons) Degree Examination has been completed. No student may graduate until AG3001 has been passed.

- 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.

Three Year Rule

- Candidates must pass/progress within three academic years of the date of first registration for a year, otherwise they cannot continue in the programme without special permission.

School of Biological, Earth and Environmental Sciences

PROGRAMME LISTING: APPLIED PLANT BIOLOGY, EARTH SCIENCE, ECOLOGY AND ENVIRONMENTAL BIOLOGY, ENVIRONMENTAL SCIENCE, GEOGRAPHY, GEOLOGY, INTERNATIONAL FIELD GEOSCIENCES, ZOOLOGY

Examination Boards

- Marks for all modules taken in Semester I and II, 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.
- *Provisional* marks for Semester 1 examinations are released in February of each year. These marks are subject to approval at the University Examination Board held in summer.

Programme Description

- The Programme Description may be found in the University Calendar (<https://www.ucc.ie/admin/calendar>).

Modules Descriptions/Assessment

- Module Descriptions, including assessment elements and their weightings, are contained in the Book of Modules (www.ucc.ie/modules/).

Marks and credits

- A maximum of 100 marks may be awarded for every five credits of a programme
- Some modules are assessed on a PASS/FAIL basis only i.e. marks are not awarded (www.ucc.ie/modules/).

Credits and Marks Maxima

- A maximum of 60 credits, equating to Total Marks of 1,200 may be awarded per year of a programme unless a module is assessed on a PASS/FAIL basis only.

Pass Standard (module level)

- The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules (www.ucc.ie/modules/).

Pass, Pass by Compensation and Progression Standard (Programme level) - see Table 1 for any *additional or alternative* regulations to those listed here.

- To pass a year and progress to a subsequent year, candidates must achieve:
 1. an overall mark of 40% across all modules
 2. at least 50 credits with a mark of not less than 40% in each module
 3. a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules.

Table 1: Specific *additional or alternative* regulations governing Pass, Pass by Compensation and Progression Standard for individual programmes

| Programme Title | Year | Compensation mark | Special Requirements |
|---------------------|------|-------------------|--|
| All BEES programmes | 4 | | Students must also pass the Research Project module (15 or 20 credits) |

Note:

- In First Year only, a maximum of 5 failed credits may be carried forward to Second Year and repeated in that year if permitted. **Note:** This requires Departmental/School approval (Programme Coordinator/Chair of the Board of Studies), a number of other stipulations,

and an application or request from the student. Details can be found at <https://www.ucc.ie/en/records-exams/>

Calculation of Honours

- Honours are awarded for each year on the basis of actual marks achieved at the Winter/Summer/Spring Examination and capped marks at the Autumn Supplemental Examination with any cognate study deemed to have been passed at a mark of 40% for the purpose of determining honours.
- **Honours** are awarded as follows:
 - **First Class Honours:** ≥70%
 - **Second Class Honours, Grade I:** ≥60%, <70%
 - **Second Class Honours, Grade II:** ≥50%, <60%
 - **Third Class Honours:** ≥45%, <50%
 - **Pass:** ≥40%, <45%

Carry Forward Previous Marks for the Calculation of Final Year Marks /Degree Award Calculation – See Table 2 for programme listing

Table 2: Degree Award Calculation

| Programme Title | Degree Award Calculation |
|----------------------------|---|
| All BEES programmes | The degree is awarded on the aggregate mark of (i) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (ii) 70% of the BSc Honours Degree Examination mark (maximum 840 marks). Total 1200 marks |

Year/Semester Abroad see Table 3.

- All marks and/or pass/fail judgements for a year abroad will be presented to an Autumn Examination Board. Marks or pass/fail judgments for semesters abroad will be presented at the most applicable Examination Board depending on when marks become available.
- Where a programme includes a year/semester spent studying in another University, students will be assessed by their host university.
- To pass the year/semester abroad and progress to the subsequent year, a candidate must achieve a pass standard as applied by the host institution on a set of modules approved by the host institution.
- For students failing to achieve a pass mark, there will be Supplemental Assessment on equivalent course content prescribed by the School/Department in UCC and these results will be presented at a Supplemental Winter Examination Board, held in UCC.
- The Supplemental examination assessment type will be prescribed by the appropriate School/Department; marks will be capped (See *Supplemental Examinations* below).

Table 3: Year/Semester Abroad regulations governing Pass, Pass by Compensation and Progression Standard and Degree Award Calculation

| Programme Title | Year | Criteria |
|----------------------------|------|-----------------------|
| All BEES programmes | 3 | No grade translation. |

| | | |
|--|--|--|
| | | <p>Year/Semester abroad students – Pass/Fail. 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. Candidates who spend one Semester of third year abroad must achieve a pass standard as applied by the host institution on a set of courses approved by UCC. Degree award calculation: 100% 4th Year 1200 marks</p> |
|--|--|--|

Exemptions

- 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.
- Where a student fails to achieve the PASS standard required to progress to a subsequent year, they are EXEMPT from further examination in those modules where a PASS mark has been achieved. All failed modules must be taken at the supplemental examination.

Supplemental Examinations:

- Supplemental Examinations for Semesters 1 and 2 will be held in Autumn.
- Please refer to the Book of Modules (www.ucc.ie/modules/) for requirements governing the Supplemental Examination for individual modules. **Note:** For some modules there is no Supplemental Examination.
- 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, including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$)**, (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. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and the (capped – see below) marks achieved in repeated modules.
- 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).

Capping of Marks at a Supplemental Examination

- In determining aggregation and progression and the calculation of honours, the maximum mark that will be taken into account is a pass level (40%). The actual mark achieved by the candidate will be recorded on the student record (Academic Transcript).

Repeat Year Examinations

- Students repeating the year may do so choosing one of the following mechanisms. Students are eligible for the award of honours in the first Repeat Year only.

1. Students retain exemptions, if any, and must repeat all failed/absent modules **including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$)**. In determining aggregation and progression and the calculation of the award of honours, full marks achieved in modules passed at the first attempt, plus capped marks achieved in modules at Supplemental/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 first attempt in a Repeat Year.

2. Students may repeat the year taking the full 60 credits.* In determining aggregation and progression and the calculation of award of honours, there is no restriction on the marks awarded for modules taken at the first attempt of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.

**For programmes that have a Work Placement module for that year, students may repeat the year taking the credit value of the taught modules only if the Work Placement module has been passed.*

Subject to capacity, all students - whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.

Where a candidate choosing option 2 also fails the Repeat Year as a result of failing module(s) already passed in the previous year, the aggregation and progression rules as laid out in Option 1 will apply. In the case of candidates choosing option 2 who had already passed at 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.

- 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.

Three Year Rule

- Candidates must pass/progress within three academic years of the date of first registration for a year, otherwise they cannot continue in the programme without special permission.

| | |
|---|---|
| | <u>BIOLOGICAL SCIENCES</u> |
| | SECOND UNIVERSITY EXAMINATION in SCIENCE |
| Time: | 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. |
| Modules: | Students take modules to the value of 60 credits : http://www.ucc.ie/calendar/science/sci003.html |
| Marks Maxima: | 100 per five-credit module. Total Marks: 1200. |
| Distribution of Marks: | Distribution of marks and assessment details (including End of semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | 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). |
| Honours: | 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 individual modules as follows: First Class Honours: |

| | |
|-----------------------------------|---|
| | <u>BIOLOGICAL SCIENCES</u> |
| | SECOND UNIVERSITY EXAMINATION in SCIENCE |
| | <p>70% - 100% (i.e. at least 70% of the total marks for the module)</p> <p>Second Class Honours Grade I:</p> <p>60% - 69% (i.e. at least 60% of the total marks for the module)</p> <p>Second Class Honours Grade II:</p> <p>50% - 59% (i.e. at least 50% of the total marks for the module)</p> <p>Third Class Honours:</p> <p>45- 49% (i.e. at least 45% of the total marks for the module)</p> |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). o Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) 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 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. 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, 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. |
| Repeat Year Examinations: | 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> |
| Three Year Rule: | 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 | |
|---|---|
| Time: | 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. |
| Modules: | Students take modules to the value of 60 credits in <u>one</u> of the Degree Outlets as follows: Biochemistry, Microbiology, Neuroscience, Physiology, Biotechnology, Applied Plant Biology. See http://www.ucc.ie/academic/calendar/science/sci003.html |
| Marks Maxima: | 100 per five-credit module; 200 per ten-credit module. Total Marks: 1200. |
| Distribution of Marks: | Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | 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. |

| THIRD UNIVERSITY EXAMINATION in SCIENCE | |
|--|---|
| Honours: | <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:</p> <p>First Class Honours: An aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade I: An aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade II: An aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class: aggregate of at least 540/1200 marks (i.e.45%), and above but less than 50%)</p> <p>Honours are awarded in individual modules as follows:</p> <p style="padding-left: 20px;">First Class Honours: 70% - 100% (i.e. at least 70% of the total marks for the module)</p> <p style="padding-left: 20px;">Second Class Honours Grade I: 60% - 69% (i.e. at least 60% of the total marks for the module)</p> <p style="padding-left: 20px;">Second Class Honours Grade II: 50% - 59% (i.e. at least 50% of the total marks for the module)</p> <p style="padding-left: 20px;">Third Class Honours: 45- 49% (i.e. at least 45% of the total marks for the module)</p> <p>Note: for the BSc in Applied Plant Biology honours are not awarded in individual modules.</p> |
| Carrying Forward of Marks Towards the Final Degree Award: | <p>The Degree result is awarded on the aggregate mark of</p> <p style="padding-left: 20px;">(i) The Fourth Year Research Project (15 credits)</p> <p style="padding-left: 20px;">and</p> <p style="padding-left: 20px;">(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>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</p> |

THIRD UNIVERSITY EXAMINATION in SCIENCE

best marks from modules to the value of 85 credits out of the remaining 100 credits taken in Third and Fourth Science.

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)

Note: 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.

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

Note: For the BSc in Microbiology 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 recorded will be included in the process for calculation of the final degree.

Exemptions:

All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.

Supplemental Examinations:

- o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).
- o Please refer to the *Book of Modules* (www.ucc.ie/academic/modules/) for requirements governing the Autumn Supplemental Examination for individual modules. *Note: For some modules there is no Supplemental Examination.*
- 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.
- 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, 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.

THIRD UNIVERSITY EXAMINATION in SCIENCE

Repeat Year Examinations:

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.

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. *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. 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. 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 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.

Three Year Rule:

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.

| BSc (HONS) DEGREE EXAMINATION | |
|---|---|
| Time: | 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. |
| Modules: | <p>Students take modules from their Degree Outlets continued from Third Year to the value of 60 credits as follows:</p> <p>Taught modules amounting to 45 credits <u>and</u> a Research Project amounting to 15 credits.</p> <p>Note: the 4th 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.</p> <p>Note: the 4th 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</p> <p>See http://www.ucc.ie/academic/calendar/science/sci003.html</p> |
| Marks Maxima: | <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>Note: for the BSc Biotechnology the placement module is assessed as PASS/FAIL therefore the total marks available in Year 4 = 1000</p> |
| Distribution of Marks: | <p>Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i></p> <p>(www.ucc.ie/academic/modules/).</p> |
| Pass Standard (module level): | <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> (www.ucc.ie/academic/modules/)</p> |
| Pass and Progression Standard (programme level): | <p>To pass Fourth Year, a candidate <u>must</u>:</p> <ul style="list-style-type: none"> (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) |

| | |
|------------------------|--|
| | <p>(iii) obtain a mark of not less than 30% in any remaining module(s).</p> <p>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)</p> |
| <p>Honours:</p> | <p>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 <u>Profiling Mechanism:</u></p> <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>For BSc Biotechnology:</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Third Class: aggregate of at least 855/1900 marks (i.e. 45%), or at least</p> |

| | |
|--|--|
| | <p>817/1900 (43%), with at least 50 credits attained with marks of 45% or above.</p> <p>Honours are awarded in individual modules as follows:</p> <p>First Class Honours: 70% - 100% (i.e. at least 70% of the total marks for the module)</p> <p>Second Class Honours Grade I: 60% - 69% (i.e. at least 60% of the total marks for the module)</p> <p>Second Class Honours Grade II: 50% - 59% (i.e. at least 50% of the total marks for the module)</p> <p>Third Class Honours: 45- 49% (i.e. at least 45% of the total marks for the module)</p> |
| <p><i>Carrying Forward of Marks Towards the Final Degree Award:</i></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>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.</p> <p>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)</p> <p>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.</p> <p>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.</p> <p>Note: For the BSc in Microbiology marks for the year/semester abroad will be translated into UCC equivalent marks using standard mechanisms and</p> |

| | |
|-----------------------------------|--|
| | <p>presented to an Autumn Examination Board. The marks recorded will be included in the process for calculation of the final degree.</p> |
| Exemptions: | <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> |
| Supplemental Examinations: | <ul style="list-style-type: none"> o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). o Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) 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 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. 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. <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> |
| Repeat Year Examinations: | <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. 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"> 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</i> |

| | |
|---------------------------------------|---|
| | <p><i>are no restrictions on the marks awarded for those modules at the Summer Examination Board 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 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 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:</i></p> | <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> |

**BSC (HONS) DEGREE EXAMINATION IN ECOLOGY,
APPLIED PLANT BIOLOGY AND ZOOLOGY**

| | |
|---|--|
| Time: | 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. |
| Modules: | Students take modules from their Degree Outlets continued from Third Year to the value of 60 credits as follows: Taught modules amounting to 45 credits <u>and</u> a Research Project amounting to 15 credits. See http://www.ucc.ie/academic/calendar/science/sci003.html |
| Marks Maxima: | 100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200. |
| Distribution of Marks: | 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> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) |
| Pass and Progression Standard (programme level): | 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). |
| Honours: | 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%) |

**BSC (HONS) DEGREE EXAMINATION IN ECOLOGY,
APPLIED PLANT BIOLOGY AND ZOOLOGY**

| | |
|--|--|
| | <p>Second Class Grade II: aggregate of at least 600 / 1200 marks (i.e. 50%)</p> <p>Third Class: aggregate of at least 540 / 1200 marks (i.e. 45%)</p> |
| <p><i>Carrying Forward of Marks Towards the Final Degree Award:</i></p> | <p>The Degree result is awarded on the aggregate mark of</p> <ul style="list-style-type: none"> (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 |
| <p><i>Exemptions:</i></p> | <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> |
| <p><i>Supplemental Examinations:</i></p> | <ul style="list-style-type: none"> o Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) 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 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. 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. |
| <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 <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"> 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</i> |

**BSC (HONS) DEGREE EXAMINATION IN ECOLOGY,
APPLIED PLANT BIOLOGY AND ZOOLOGY**

no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.

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.

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.

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.

Three Year Rule:

Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

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 | Is counted as an attempt |

| | | | |
|----|----------|--|---|
| | | (including written examination(s)). | |
| 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 |

| | |
|---|--|
| | <u>BIOMEDICAL SCIENCE</u> |
| | FIRST UNIVERSITY EXAMINATION IN SCIENCE |
| Time: | 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. |
| Modules: | Students take 60 credits as detailed at: http://www.ucc.ie/calendar/science/sci017.html |
| Marks Maxima: | 100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200. |
| Distribution of Marks: | Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | 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. |
| Honours: | 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%) |

| | |
|-----------------------------------|---|
| | BIOMEDICAL SCIENCE |
| | FIRST UNIVERSITY EXAMINATION IN SCIENCE |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). o Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) 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 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. 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, 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. |

| | |
|----------------------------------|--|
| Repeat Year Examinations: | <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.</p> <p>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> |
|----------------------------------|--|

| | |
|-------------------------|--|
| Three Year Rule: | Candidates must pass/progress within 3 academic years of the date of first registration for First Year; otherwise they cannot continue in the programme. |
|-------------------------|--|

| SECOND UNIVERSITY EXAMINATION IN SCIENCE | |
|---|--|
| Time: | 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. |
| Modules: | Students take 60 credits as detailed at: http://www.ucc.ie/calendar/science/sci017.html |
| Marks Maxima: | 100 per five-credit module; 200 per ten-credit module. Total Marks: 1200. |
| Distribution of Marks: | Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | 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. |
| Honours: | 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%) |

SECOND UNIVERSITY EXAMINATION IN SCIENCE

| | |
|---|--|
| SECOND UNIVERSITY EXAMINATION IN SCIENCE | |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). o Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) 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 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. 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, 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. |
| Repeat Year Examinations: | <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.</p> <p>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> |
| Three Year Rule: | 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 | |
|---|--|
| Time: | 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. |
| Modules: | Students take 60 credits as detailed at: http://www.ucc.ie/calendar/science/sci017.html |
| Marks Maxima: | 100 per 5 credit module; 200 per ten credit module; 300 per 15 credit module. Total Marks: 1200. |
| Distribution of Marks: | Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | 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 |
| Honours: | 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%) |
| Carrying Forward of Marks Towards the | The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) |

| THIRD UNIVERSITY EXAMINATION in SCIENCE | |
|---|--|
| Final Degree Award: | <p>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>Note: 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</p> <p>(i) the 4th year project (15 credits)</p> <p>and</p> <p>(ii) the best marks from modules to the value of 90 credits out of the remaining 100 credits taken in Third and Fourth Science.</p> |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). o Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) 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 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. 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, 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. |
| Repeat Year Examinations: | <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</p> |

| THIRD UNIVERSITY EXAMINATION in SCIENCE | |
|---|---|
| | <p>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.</p> <p>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> |
| Three Year Rule: | 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 | |
|--------------------------------------|--|
| Time: | 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. |
| Modules: | Students take 60 credits as detailed at: http://www.ucc.ie/calendar/science/sci017.html |
| Marks Maxima: | 100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200. |
| Distribution of Marks: | Distribution of marks and assessment details (including End of Semester Examination Profile) for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) |

| BSc (HONS) DEGREE EXAMINATION | |
|--|---|
| Pass and Progression Standard (programme level): | To pass Fourth Year, a candidate must pass modules to the value of 60 credits. All modules must be passed. |
| Honours: | <p>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 Profiling Mechanism:</p> <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 half the 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 half the 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 half the credits attained with marks of 50% or above.</p> <p>.</p> |
| Carrying Forward of Marks Towards the Final Degree Award: | <p>The Degree result is awarded on the aggregate mark of</p> <p>(i) The Fourth Year Research Project (15 credits)</p> <p>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> |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> o Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). o Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) 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 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. |

| BSc (HONS) DEGREE EXAMINATION | |
|---|---|
| | <ul style="list-style-type: none"> o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules. <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>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.</p> <ul style="list-style-type: none"> o 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). |
| <i>Three Year Rule:</i> | <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> |

School of Chemistry

PROGRAMME LISTING: BSC CHEMISTRY, BSC CHEMISTRY OF PHARMACEUTICAL COMPOUNDS, BSC CHEMISTRY WITH FORENSIC SCIENCE, BSC CHEMICAL PHYSICS

Examination Boards

- Marks for all modules taken in Semester I and II, 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.
- *Provisional* marks for Semester 1 examinations are released in February of each year. These marks are subject to approval at the University Examination Board held in summer.

Programme Description

- The Programme Description may be found in the University Calendar (<https://www.ucc.ie/admin/calendar>).

Modules Descriptions/Assessment

- Module Descriptions, including assessment elements and their weightings, are contained in the Book of Modules (www.ucc.ie/modules/).

Marks and credits

- A maximum of 100 marks may be awarded for every five credits of a programme
- Some modules are assessed on a PASS/FAIL basis only i.e. marks are not awarded (www.ucc.ie/modules/).

Credits and Marks Maxima

- A maximum of 60 credits, equating to Total Marks of 1,200 may be awarded per year of a programme unless a module is assessed on a PASS/FAIL basis only. For a full list of credits and marks maxima for all years of all programmes that fall outside of the standard Credits and Marks Maxima structure, see **Table 1**.

Table 1: Details of programmes that fall outside the standard (60) Credits per year and/or (1,200) Marks Maxima.

| Programme Title | Year | Credits | Marks Maxima |
|---|------|---------|--------------|
| BSc Chemistry of Pharmaceutical Compounds | 4 | 60 | 1000 |

Pass Standard (module level)

- The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules (www.ucc.ie/modules/).

Pass, Pass by Compensation and Progression Standard (Programme level) - see Table 2 for any *additional or alternative* regulations to those listed here.

- To pass a year and progress to a subsequent year, candidates must achieve:

1. an overall mark of 40% across all modules
2. at least 50 credits with a mark of not less than 40% in each module
3. a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules.

Table 2: Specific *additional or alternative* regulations governing Pass, Pass by Compensation and Progression Standard for individual programmes

| Programme Title | Year | Compensation mark | Special Requirements |
|--|------|-------------------|--|
| BSc Chemistry | 2 | | Students must also obtain an aggregate pass of 320/800 marks (40%) across all 8 Chemistry modules |
| BSc Chemistry BSc Chemistry of Pharmaceutical Compounds BSc Chemistry with Forensic Science | 3 | | Students who pass the Third University Examination in Science and who qualify to proceed into Fourth Science may opt instead to be conferred with a BSc Ordinary degree. |
| BSc Chemistry | 4 | | Students must also (i) obtain an overall aggregate pass of 360/900 marks (40%) across all 9 Chemistry lecture modules and (ii) pass the Research Projects module (CM4206) |
| BSc Chemistry with Forensic Science | 4 | | Students must also pass the Research Project module (CM4207) |
| BSc Chemistry of Pharmaceutical Compounds | 4 | | Students must also (i) pass the Research Project module(s) and (ii) pass the work placement module (CM4204) |
| BSc Chemical Physics | 4 | | Students must also pass the Research Project modules (CY4002 and CY4003) |

Note:

- In First Year only, a maximum of 5 failed credits may be carried forward to Second Year and repeated in that year if permitted. **Note:** This requires Departmental/School approval (Programme Coordinator/Chair of the Board of Studies), a number of other stipulations, and an application or request from the student. Details can be found at <https://www.ucc.ie/en/records-exams/>

Calculation of Honours

- Honours are awarded for each year on the basis of actual marks achieved at the Winter/Summer/Spring Examination and capped marks at the Autumn Supplemental Examination with any cognate study deemed to have been passed at a mark of 40% for the

purpose of determining honours. For a list of programmes that do not award honours for a particular year or have different criteria for the awarding of honours, see Table 3.

- **Honours** are awarded as follows:
 - **First Class Honours:** ≥70%
 - **Second Class Honours, Grade I:** ≥60%, <70%
 - **Second Class Honours, Grade II:** ≥50%, <60%
 - **Third Class Honours:** ≥45%, <50%
 - **Pass:** ≥40%, <45%

Table 3: Programmes that do not award honours for a particular year or have different criteria for the awarding of honours

| Programme Title | Year | Honours | Criteria |
|-----------------|------|---------|---|
| BSc Chemistry | 2 | Yes | Honours for the year are awarded on the aggregate mark for the 8 Chemistry modules (800 marks total), provided that the student has passed overall. |

Carry Forward Previous Marks for the Calculation of Final Year Marks /Degree Award Calculation – See Table 4 for programme listing

Table 4: Degree Award Calculation

| Programme Title | Degree Award Calculation |
|-----------------|---|
| BSc Chemistry | <p><u>For students graduating in 2022 or 2023 or 2024 academic year only:</u> 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). Total 1200 marks</p> <p><u>For students graduating in 2025 onwards:</u> The degree is awarded on the aggregate mark of (i) 33.33% of the aggregate mark from the Third University Examination in Science (maximum 400 marks) and (ii) 66.66% of the BSc Honours Degree Examination mark (maximum 800 marks). Total 1200 marks</p> |

| | |
|---|--|
| <p style="text-align: center;">BSc Chemistry of Pharmaceutical Compounds</p> | <p><u>For students graduating in 2022 or 2023 academic year:</u> 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 ie 16.67% of the aggregate mark from the Third University Examination in Science (maximum 200 marks) and (ii) 80% of the BSc (Hons) Degree Examination mark (maximum 800 marks). Total 1000 marks</p> <p><u>For students graduating in 2024 onwards:</u> The degree is awarded on the aggregate mark of (i) 30% of the aggregate mark from the Third University Examination in Science adjusted by 1000/1200, ie 25% of the aggregate mark from the Third University Examination in Science (max 300 marks) and (ii) 70% of the BSc Honours Degree Examination mark (max 700 marks) Total 1000 marks</p> |
| <p style="text-align: center;">BSc Chemistry with Forensic Science</p> | <p>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) Total 1200 marks</p> |
| <p style="text-align: center;">BSc Chemical Physics</p> | <p><u>For students graduating in 2022 or 2023 or 2024 academic year only:</u> 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). <u>Total 1200 marks</u></p> <p><u>For students graduating in 2025 onwards:</u> The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Second University Examination in Science (maximum 240 marks); (ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (iii) 50% of the BSc Honours Degree Examination mark (maximum 600 marks). Total 1200 marks</p> |

Year/Semester Abroad see Table 5.

- All marks and/or pass/fail judgements for a year abroad will be presented to an Autumn Examination Board. Marks or pass/fail judgments for semesters abroad will be presented at the most applicable Examination Board depending on when marks become available.
- Where a programme includes a year/semester spent studying in another University, students will be assessed by their host university.
- To pass the year/semester abroad and progress to the subsequent year, a candidate must achieve a pass standard as applied by the host institution on a set of modules approved by the host institution.
- For students failing to achieve a pass mark, there will be Supplemental Assessment on equivalent course content prescribed by the School/Department in UCC and these results will be presented at a Supplemental Winter Examination Board, held in UCC.
- The Supplemental examination assessment type will be prescribed by the appropriate School/Department; marks will be capped (See *Supplemental Examinations* below).

Table 5: Year/Semester Abroad regulations governing Pass, Pass by Compensation and Progression Standard and Degree Award Calculation

| Programme Title | Year | Criteria |
|-----------------|------|--|
| BSc Chemistry | 3 | <p>No grade translation.</p> <p><u>Year abroad students graduating in 2022 or 2023 or 2024 academic year only:</u> Year abroad students – Pass/Fail. 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. 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) 90% of the BSc (Hons) Degree Examination mark (maximum 1080 marks) Total 1200 marks</p> <p><u>Year abroad students graduating in 2025 onwards:</u> Year abroad students – Pass/Fail. 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. Degree award calculation: 100% 4th Year Total 1200 marks</p> |

| | | |
|--|--|--|
| | | <p>Semester abroad students: To pass Third Year, a candidate must: (i) obtain an overall aggregate pass of 240/600 marks (40%) across all Semester 1 and CM3028 modules (ii) pass Semester 1 and CM3028 modules to the value of at least 25 credits. (iii) obtain a mark of not less than 30% in any remaining Semester 1 and CM3028 module(s) (iv) achieve a pass standard as applied by the host institution on a set of courses approved by UCC. Marks out of 600 will be scaled up to 1200 for Year 3, and the degree is awarded as outlined above in Table 4.</p> |
|--|--|--|

Exemptions

- All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
- Where a student fails to achieve the PASS standard required to progress to a subsequent year, they are EXEMPT from further examination in those modules where a PASS mark has been achieved. All failed modules must be taken at the supplemental examination.

Supplemental Examinations:

- Supplemental Examinations for Semesters 1 and 2 will be held in Autumn.
- Please refer to the Book of Modules (www.ucc.ie/modules/) for requirements governing the Supplemental Examination for individual modules. **Note:** For some modules there is no Supplemental Examination.
- 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, including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$),** (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. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and the (capped – see below) marks achieved in repeated modules.
- 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).

Capping of Marks at a Supplemental Examination

- In determining aggregation and progression and the calculation of honours, the maximum mark that will be taken into account is a pass level (40%). The actual mark achieved by the candidate will be recorded on the student record (Academic Transcript).

Repeat Year Examinations

- Students repeating the year may do so choosing one of the following mechanisms. Students are eligible for the award of honours in the first Repeat Year only.
 1. Students retain exemptions, if any, and must repeat all failed/absent modules **including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$)**. In determining aggregation and progression and the calculation of the award of honours, full marks achieved in modules passed at the first attempt, plus capped marks achieved in modules at Supplemental/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 first attempt in a Repeat Year.

2. Students may repeat the year taking the full 60 credits.* In determining aggregation and progression and the calculation of award of honours, there is no restriction on the marks awarded for modules taken at the first attempt of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.

**For programmes that have a Work Placement module for that year, students may repeat the year taking the credit value of the taught modules only if the Work Placement module has been passed.*

Subject to capacity, all students - whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.

Where a candidate choosing option 2 also fails the Repeat Year as a result of failing module(s) already passed in the previous year, the aggregation and progression rules as laid out in Option 1 will apply. In the case of candidates choosing option 2 who had already passed at 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.

- 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.

Three Year Rule

- Candidates must pass/progress within three academic years of the date of first registration for a year, otherwise they cannot continue in the programme without special permission.

School of Computer Science and Information Technology

PROGRAMME LISTING: BSC COMPUTER SCIENCE, BSC COMPUTER SCIENCE (SOFTWARE ENTREPRENEURSHIP), BSC DATA SCIENCE & ANALYTICS, BSC (ORDINARY) COMPUTER STUDIES (DUAL DEGREE), DIPLOMA IN COMPUTER STUDIES (NFQ LEVEL 7)

Examination Boards

- Marks for all modules taken in Semester I and II, 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.
- Examination Boards for programmes whose Examination Boards fall outside of this schedule are listed in **Table 1**.
- *Provisional* marks for Semester 1 examinations are released in February of each year. These marks are subject to approval at the University Examination Board held in summer.

Table 1: Examination Boards for programmes that fall outside of the standard summer (with supplemental at autumn) schedule

| Programme Title | Year | Examination Board | Supplemental Examination Board |
|---|------|---|---|
| BSc Computer Science; BSc Computer Science (Software Entrepreneurship) | 3 | Marks for modules excluding the Work Placement (CS3300) will be presented to a Spring Examination Board. Pass/fail judgements for CS3300 will be presented to a special Winter Examination Board following the placement period. | Marks for modules excluding the Work Placement (CS3300) will be presented to an Autumn Examination Board. Pass/fail judgements for CS3300, where repeated, will be presented to an Examination Board following the placement period. |
| BSc Data Science & Analytics | 3 | Marks for modules excluding the Work Placement | Marks for modules excluding the Work Placement DSA (CS3220) will be presented to an |

| | | | |
|--|--|---|--|
| | | <p>DSA (CS3220) will be presented to a Spring Examination Board.</p> <p>Pass/fail judgements for CS3220 will be presented to a special Winter Examination Board following the placement period.</p> | <p>Autumn Examination Board.</p> <p>Pass/fail judgements for CS3220, where repeated, will be presented to an Examination Board following the placement period.</p> |
|--|--|---|--|

Programme Description

- The Programme Description may be found in the University Calendar (<https://www.ucc.ie/admin/calendar>).

Modules Descriptions/Assessment

- Module Descriptions, including assessment elements and their weightings, are contained in the Book of Modules (www.ucc.ie/modules/).

Marks and credits

- A maximum of 100 marks may be awarded for every five credits of a programme
- Some modules are assessed on a PASS/FAIL basis only i.e. marks are not awarded (www.ucc.ie/modules/).

Credits and Marks Maxima

- A maximum of 60 credits, equating to Total Marks of 1,200 may be awarded per year of a programme unless a module is assessed on a PASS/FAIL basis only. For a full list of credits and marks maxima for all years of all programmes that fall outside of the standard Credits and Marks Maxima structure, see **Table 2**.

Table 2: Details of programmes that fall outside the standard (60) Credits per year and/or (1,200) Marks Maxima.

| Programme Title | Year | Credits | Marks Maxima |
|---|------|---------|--------------|
| BSc Computer Science; BSc Computer Science | 3 | 60 | 1000 |

| | | | |
|------------------------------|--|--|--|
| (Software Entrepreneurship); | | | |
| BSc Data Science & Analytics | | | |

Pass Standard (module level)

- The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules (www.ucc.ie/modules/).

Pass, Pass by Compensation and Progression Standard (Programme level) - see Table 3 for any *additional or alternative* regulations to those listed here.

- To pass a year and progress to a subsequent year, candidates must achieve:
 - an overall mark of 40% across all modules
 - at least 50 credits with a mark of not less than 40% in each module
 - a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules.

Table 3: Specific *additional or alternative* regulations governing Pass, Pass by Compensation and Progression Standard for individual programmes

| Programme Title | Year | Compensation mark | Special Requirements |
|---|------|-------------------|---|
| CK401 COMPUTER SCIENCE; CK411 DATA SCIENCE AND ANALYTICS | 1 | | To pass the year and progress to the subsequent year, candidates must achieve: <ol style="list-style-type: none"> an overall mark of 40% across all modules at least 45 credits with a mark of not less than 40% in each module a pass by compensation to a maximum of 15 credits with a mark not less than 30% in these modules. |
| BSc Computer Science; BSc Computer Science (Software Entrepreneurship) | 3 | | To progress to the subsequent year, candidates must undertake the Work Placement (CS3300) and, in modules excluding CS3300, must achieve: <ol style="list-style-type: none"> an overall mark of 40% across all modules at least 40 credits with a mark of not less than 40% in each module a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules. |

| | | | |
|---|---|--|---|
| | | | <p>To pass Third Science, candidates must additionally pass CS3300.</p> <p>A candidate who does not undertake CS3300 or who fails it at the first attempt may opt to either:</p> <p>(i) Repeat CS3300 a maximum of one more time after the BSc (Hons) Degree examination for that year; or</p> <p>(ii) Exit the programme with a BSc (Ord) Computer Science (Level 7) on passing an additional 10 credits, approved by the Head of the School of Computer Science, in a year subsequent to the first attempt at CS3300.</p> |
| BSc Computer Science | 4 | | <p>Candidates must pass the year and</p> <ol style="list-style-type: none"> 1. pass Third Science, and 2. pass the Computer Science Project (CS4501). |
| BSc Computer Science (Software Entrepreneurship) | 4 | | <p>Candidates must pass the year and</p> <ol style="list-style-type: none"> 1. pass Third Science, and 2. pass the Software Enterprise Project (CS4503). |
| BSc Data Science & Analytics | 3 | | <p>To progress to the subsequent year, candidates must undertake the Work Placement DSA (CS3220) and, in modules excluding CS3220, must achieve:</p> <ol style="list-style-type: none"> 1. an overall mark of 40% across all modules 2. at least 40 credits with a mark of not less than 40% in each module 3. a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules. <p>To pass Third Science, candidates must additionally pass CS3220.</p> |

| | | | |
|--|---|--|--|
| | | | <p>A candidate who does not undertake CS3220 or who fails it at the first attempt may opt to either:</p> <p>(i) Repeat CS3220 a maximum of one more time after the BSc (Hons) Degree examination for that year; or</p> <p>(ii) Exit the programme with a BSc (Ord) Data Science & Analytics (Level 7) on passing an additional 10 credits, approved by the Head of the Schools of Computer Science and Mathematical Sciences, in a year subsequent to the first attempt at CS3220.</p> |
| BSc Data Science & Analytics | 4 | | <p>Candidates must pass the year and</p> <ol style="list-style-type: none"> 1. pass Third Science, and 2. pass the Analytics Project for Computer Science (CS4701) or the Research Project in Statistics (ST4092). |
| BSc (Ordinary) Computer Studies (Dual Degree) | 2 | | <p>To pass the year and progress to the subsequent year, candidates must achieve:</p> <ol style="list-style-type: none"> 1. an overall mark of 40% across all modules 2. at least 45 credits with a mark of not less than 40% in each module 3. a pass by compensation to a maximum of 15 credits with a mark not less than 30% in these modules. |

Note:

- In First Year only, a maximum of 5 failed credits may be carried forward to Second Year and repeated in that year if permitted. **Note:** This requires Departmental/School approval (Programme Coordinator/Chair of the Board of Studies), a number of other stipulations, and an application or request from the student. Details can be found at <https://www.ucc.ie/en/records-exams/>

Calculation of Honours

- Honours are awarded for each year on the basis of actual marks achieved at the Winter/Summer/Spring Examination and capped marks at the Autumn Supplemental

Examination with any cognate study deemed to have been passed at a mark of 40% for the purpose of determining honours.

- **Honours** are awarded as follows:
 - **First Class Honours:** ≥70%
 - **Second Class Honours, Grade I:** ≥60%, <70%
 - **Second Class Honours, Grade II:** ≥50%, <60%
 - **Third Class Honours:** ≥45%, <50%
 - **Pass:** ≥40%, <45%

Carry Forward Previous Marks for the Calculation of Final Year Marks /Degree Award Calculation – See Table 4 for programme listing

Table 4: Degree Award Calculation

| Programme Title | Degree Award Calculation |
|---|---|
| BSc Computer Science | The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Second University Examination in Science (maximum 240 marks); (ii) 24% of the aggregate mark from the Third University Examination in Science (maximum 240 marks) and (iii) 60% of the BSc Honours Degree Examination mark (maximum 720 marks). Total 1200 marks |
| BSc Computer Science (Software Entrepreneurship) | |
| BSc Data Science & Analytics | |
| BSc Computer Science only | For “2+2” students, whose first two years are completed in their home university in China, marks are aggregated as follows: (i) 36% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (ii) 70% of the BSc Honours Degree Examination mark (maximum 840 marks). Total 1200 marks |
| BSc (Ordinary) Computer Studies (Dual Degree) | N/A: completed in their home university in China |
| Diploma in Computer Studies (NFQ Level 7) | Students must pass the year to qualify for the award |

Year/Semester Abroad see Table 5.

- All marks and/or pass/fail judgements for a year abroad will be presented to an Autumn Examination Board. Marks or pass/fail judgments for semesters abroad will be presented at the most applicable Examination Board depending on when marks become available.
- Where a programme includes a year/semester spent studying in another University, students will be assessed by their host university.
- To pass the year/semester abroad and progress to the subsequent year, a candidate must achieve a pass standard as applied by the host institution on a set of modules approved by the host institution.

- For students failing to achieve a pass mark, there will be Supplemental Assessment on equivalent course content prescribed by the School/Department in UCC and these results will be presented at a Supplemental Winter Examination Board, held in UCC.
- The Supplemental examination assessment type will be prescribed by the appropriate School/Department; marks will be capped (See *Supplemental Examinations* below).

Table 5: Year/Semester Abroad regulations governing Pass, Pass by Compensation and Progression Standard and Degree Award Calculation

| Programme Title | Year | Criteria |
|---|------------|--|
| <p>BSc Computer Science;</p> <p>BSc Computer Science (Software Entrepreneurship)</p> <p>BSc Data Science & Analytics</p> | 2 and/or 3 | Grade translation. 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. |

Exemptions

- 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.
- Where a student fails to achieve the PASS standard required to progress to a subsequent year, they are EXEMPT from further examination in those modules where a PASS mark has been achieved. All failed modules must be taken at the supplemental examination.

Supplemental Examinations:

- Supplemental Examinations for Semesters 1 and 2 will be held in Autumn.
- Please refer to the Book of Modules (www.ucc.ie/modules/) for requirements governing the Supplemental Examination for individual modules. **Note:** For some modules there is no Supplemental Examination.
- 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, including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$),** (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. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and the (capped – see below) marks achieved in repeated modules.
- 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).

Capping of Marks at a Supplemental Examination

- In determining aggregation and progression and the calculation of honours, the maximum mark that will be taken into account is a pass level (40%). The actual mark achieved by the candidate will be recorded on the student record (Academic Transcript).

Repeat Year Examinations

- Students repeating the year may do so choosing one of the following mechanisms. Students are eligible for the award of honours in the first Repeat Year only.
 1. Students retain exemptions, if any, and must repeat all failed/absent modules **including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$)**. In determining aggregation and progression and the calculation of the award of honours, full marks achieved in modules passed at the first attempt, plus capped marks achieved in modules at Supplemental/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 first attempt in a Repeat Year.

2. Students may repeat the year taking the full 60 credits.* In determining aggregation and progression and the calculation of award of honours, there is no restriction on the marks awarded for modules taken at the first attempt of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.

**For programmes that have a Work Placement module for that year, students may repeat the year taking the credit value of the taught modules only if the Work Placement module has been passed.*

Subject to capacity, all students - whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.

Where a candidate choosing option 2 also fails the Repeat Year as a result of failing module(s) already passed in the previous year, the aggregation and progression rules as laid out in Option 1 will apply. In the case of candidates choosing option 2 who had already passed at 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.

- 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.

Three Year Rule

- Candidates must pass/progress within three academic years of the date of first registration for a year, otherwise they cannot continue in the programme without special permission.

| | |
|---|--|
| | SCIENCE EDUCATION |
| | SECOND UNIVERSITY EXAMINATION IN SCIENCE |
| Time: | 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. |
| Modules: | Students take modules to the value of 60 credits |
| Marks Maxima: | 100 per five-credit module; 200 per ten-credit module; 400 per twenty-credit module. |
| Distribution of Marks: | 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> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | 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). |

| | |
|---|---|
| <p>Honours:</p> | <p>Honours for the year are awarded on the aggregate. Honours are awarded as follows:</p> <p>First Class Honours:</p> <p>an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade I:</p> <p>an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade II:</p> <p>an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class Honours:</p> <p>an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)</p> |
| <p>Carrying Forward of Marks Towards the Final Degree Award:</p> | <p>The total mark in the Second and Third University Examinations (max 2400 marks) are carried forward for the determination of the final degree award.</p> |
| <p>Supplemental Examinations:</p> | <ul style="list-style-type: none"> ○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). ○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) 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. |

| | |
|---|---|
| <p>Repeat Year Examinations:</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> <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>Three Year Rule:</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</p> |

| <p style="text-align: center;">THIRD UNIVERSITY EXAMINATION in SCIENCE</p> | |
|---|---|
| <p>Time:</p> | <p>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.</p> |
| <p>Modules:</p> | <p>Students take modules to the value of 60 credits</p> <p>http://www.ucc.ie/academic/calendar/science/sci006b.html</p> |
| <p>Marks Maxima:</p> | <p>100 per five-credit module; 200 per ten-credit module; 400 per twenty-credit module.</p> |
| <p>Distribution of Marks:</p> | <p>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></p> |
| <p>Pass Standard (module level):</p> | <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> (www.ucc.ie/academic/modules/).</p> |

| | |
|---|---|
| <p>Pass and Progression Standard (programme level):</p> | <p>To pass Third Year and progress to 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 module ED3102</p> <p>(iii) pass modules to the value of at least 50 credits</p> <p>(iv) obtain a mark of not less than 30% in any remaining module(s).</p> |
| <p>Honours:</p> | <p>Honours for the year are awarded on the aggregate mark. Honours are awarded as follows:</p> <p>First Class Honours:</p> <p>an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade I:</p> <p>an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade II:</p> <p>an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class Honours:</p> <p>an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)</p> |
| <p>Carrying Forward of Marks Towards the Final Degree Award:</p> | <p>The total mark in the Second and Third University Examinations (max 2400 marks) are carried forward for the determination of the final degree award.</p> <p>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.</p> |
| <p>Exemptions:</p> | <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> |

| | |
|---|--|
| <p>Repeat Year Examinations:</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"> 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> 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>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>Three Year Rule:</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> |

| <p style="text-align: center;">BSc (HONS) DEGREE EXAMINATION</p> | |
|---|---|
| <p>Time:</p> | <p>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.</p> |
| <p>Modules:</p> | <p>Students take modules to the value of 60 credits</p> <p>http://www.ucc.ie/academic/calendar/science/sci006b.html</p> |
| <p>Marks Maxima:</p> | <p>100 per five-credit module; 200 per ten-credit module; 400 per twenty-credit module.</p> |
| <p>Distribution of Marks:</p> | <p>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></p> |
| <p>Pass Standard (module level):</p> | <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> (www.ucc.ie/academic/modules/).</p> |

| | |
|---|---|
| <p>Pass and Progression Standard (programme level):</p> | <p>To pass Fourth Year, a candidate <u>must</u>:</p> <ul style="list-style-type: none"> (i) obtain an overall aggregate pass of 40% (i.e. 480/1200 marks) across all modules (ii) Obtain a minimum of 40% (i.e. 160/400 marks) in the Teaching Placement module (ED4102) <p>Candidates may also be required to attend for an Oral Examination.</p> <p>To pass the degree, students must attain an aggregate of at least 1440/3600 marks (40%) across second, third and fourth year.</p> |
| <p>Carrying Forward of Marks Towards the Final Degree Award:</p> | <p>The total mark in the Second and Third University Examinations (max 2400 marks) are carried forward for the determination of the final degree award.</p> <p>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.</p> |

| | |
|---------------------------|---|
| <p>Honours:</p> | <p>Honours for the degree are awarded on the overall aggregate marks from second, third and fourth year as follows:</p> <p>First Class Honours:</p> <p>an aggregate of at least 2520/3600 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade I:</p> <p>an aggregate of at least 2160/3600 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade II:</p> <p>an aggregate of at least 1800/3600 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class Honours:</p> <p>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%).</p> <p>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>First Class Honours:</p> <p>an aggregate of at least 1680/2400 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade I:</p> <p>an aggregate of at least 1440/2400 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade II:</p> <p>an aggregate of at least 1200/2400 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class Honours</p> <p>an aggregate of at least 1080/2400 marks (i.e. 45% and above but less than 60%) Pass (Honours level) an aggregate of at least 480/1200 marks (i.e. 40%)</p> |
| <p>Exemptions:</p> | <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> |

| | |
|--|---|
| <p>Supplemental Examinations:</p> | <ul style="list-style-type: none"> ○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). ○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) 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. |
| <p>Repeat Year Examinations:</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"> 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. <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> 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. <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>Three Year Rule:</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> |

BSc Genetics

Examination Boards

- Marks for all modules taken in Semester I and II, 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.
- *Provisional* marks for Semester 1 examinations are released in February of each year. These marks are subject to approval at the University Examination Board held in summer.

Programme Description

- The Programme Description may be found in the University Calendar (<https://www.ucc.ie/admin/calendar>).

Modules Descriptions/Assessment

- Module Descriptions, including assessment elements and their weightings, are contained in the Book of Modules (www.ucc.ie/modules/).

Marks and credits

- A maximum of 100 marks may be awarded for every five credits of a programme
- Some modules are assessed on a PASS/FAIL basis only i.e. marks are not awarded (www.ucc.ie/modules/).

Credits and Marks Maxima

- A maximum of 60 credits, equating to Total Marks of 1,200 may be awarded per year of a programme unless a module is assessed on a PASS/FAIL basis only.

Pass Standard (module level)

- The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules (www.ucc.ie/modules/).

Pass, Pass by Compensation and Progression Standard (Programme level) - see Table 1 for any additional or alternative regulations to those listed here.

- To pass a year and progress to a subsequent year, candidates must achieve:
 1. an overall mark of 40% across all modules
 2. at least 50 credits with a mark of not less than 40% in each module
 3. a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules.

Table 1: Specific additional or alternative regulations governing Pass, Pass by Compensation and Progression Standard for individual programmes

| Programme Title | Year | Compensation mark | Special Requirements |
|-----------------|------|-------------------|---|
| BSc Genetics | 3 | | 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. |
| BSc Genetics | 4 | | To pass Fourth Year, a candidate must also: (i) pass the Fourth Science Research Project (15 credits) (ii) obtain a pass in modules to the value of at least 50 credits (including the Research Project) |

Note:

- In First Year only, a maximum of 5 failed credits may be carried forward to Second Year and repeated in that year if permitted. **Note:** This requires Departmental/School approval (Programme Coordinator/Chair of the Board of Studies), a number of other stipulations, and an application or request from the student. Details can be found at <https://www.ucc.ie/en/records-exams/>

Calculation of Honours

- Honours are awarded for each year on the basis of actual marks achieved at the Winter/Summer/Spring Examination and capped marks at the Autumn Supplemental Examination with any cognate study deemed to have been passed at a mark of 40% for the purpose of determining honours. For a list of programmes that do not award honours for a particular year or have different criteria for the awarding of honours, **see Table 2.**
- **Honours** are awarded as follows:
 - **First Class Honours:** $\geq 70\%$
 - **Second Class Honours, Grade I:** $\geq 60\%, < 70\%$
 - **Second Class Honours, Grade II:** $\geq 50\%, < 60\%$
 - **Third Class Honours:** $\geq 45\%, < 50\%$
 - **Pass:** $\geq 40\%, < 45\%$

Table 2: Programmes that do not award honours for a particular year or have different criteria for the awarding of honours

| Programme Title | Year | Honours | Criteria |
|---------------------|------|---------|--|
| BSc Genetics | 2-3 | Yes | Honours are also awarded in individual modules |
| BSc Genetics | 4 | Yes | Profiling Mechanism: 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 |

| | | | |
|--|--|--|--|
| | | | <p>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 half the 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 half the 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 half the 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 half the credits attained with marks of 45% or above.</p> <p>Pass (Honours level): aggregate of at least 840/2100 marks</p> |
|--|--|--|--|

Carry Forward Previous Marks for the Calculation of Final Year Marks /Degree Award Calculation – See Table 3 for programme listing

Table 3: Degree Award Calculation

| Programme Title | Degree Award Calculation |
|------------------------|--|
| BSc Genetics | <p>The Degree result is awarded on the aggregate mark of</p> <p>(i) The Fourth Year Research Project (15 credits) 300 marks</p> <p>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 1800 marks</p> <p>Total 2100 marks</p> |

Exemptions

- All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.
- Where a student fails to achieve the PASS standard required to progress to a subsequent year, they are EXEMPT from further examination in those modules where a PASS mark has been achieved. All failed modules must be taken at the supplemental examination.

Supplemental Examinations:

- Supplemental Examinations for Semesters 1 and 2 will be held in Autumn.
- Please refer to the Book of Modules (www.ucc.ie/modules/) for requirements governing the Supplemental Examination for individual modules. **Note:** For some modules there is no Supplemental Examination.
- 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, including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$),** (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. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and the (capped – see below) marks achieved in repeated modules.
- 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).

Capping of Marks at a Supplemental Examination

- In determining aggregation and progression and the calculation of honours, the maximum mark that will be taken into account is a pass level (40%). The actual mark achieved by the candidate will be recorded on the student record (Academic Transcript).

Repeat Year Examinations

- Students repeating the year may do so choosing one of the following mechanisms. Students are eligible for the award of honours in the first Repeat Year only.
 1. Students retain exemptions, if any, and must repeat all failed/absent modules **including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$).** In determining aggregation and progression and the calculation of the award of honours, full marks achieved in modules passed at the first attempt, plus capped marks achieved in modules at Supplemental/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 first attempt in a Repeat Year.

2. Students may repeat the year taking the full 60 credits.* In determining aggregation and progression and the calculation of award of honours, there is no restriction on the marks awarded for modules taken at the first attempt of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.

**For programmes that have a Work Placement module for that year, students may repeat the year taking the credit value of the taught modules only if the Work Placement module has been passed.*

Subject to capacity, all students - whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.

Where a candidate choosing option 2 also fails the Repeat Year as a result of failing module(s) already passed in the previous year, the aggregation and progression rules as laid out in Option 1 will apply. In the case of candidates choosing option 2 who had already passed at

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.

- 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.

Three Year Rule

- Candidates must pass/progress within three academic years of the date of first registration for a year, otherwise they cannot continue in the programme without special permission.

BSc (Hons) Degree Examination (Intercalated)

Examination Boards

- Marks for all modules taken in Semester I and II, 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.
- *Provisional* marks for Semester 1 examinations are released in February of each year. These marks are subject to approval at the University Examination Board held in summer.

Programme Description

- The Programme Description may be found in the University Calendar (<https://www.ucc.ie/admin/calendar>). Students take modules to the value of 60 credits from the subjects offered as follows: Anatomy, Biochemistry, Pathology, Pharmacology, and Physiology. Note: the 4th year BSC Physiology (Hons) Degree Programme consists of 40 credits of taught modules and a 20 credit research project.

Modules Descriptions/Assessment

- Module Descriptions, including assessment elements and their weightings, are contained in the Book of Modules (www.ucc.ie/modules/).

Marks and credits

- A maximum of 100 marks may be awarded for every five credits of a programme
- Some modules are assessed on a PASS/FAIL basis only i.e. marks are not awarded (www.ucc.ie/modules/).

Credits and Marks Maxima

- A maximum of 60 credits, equating to Total Marks of 1,200 may be awarded per year of a programme unless a module is assessed on a PASS/FAIL basis only.

Pass Standard (module level)

- The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules (www.ucc.ie/modules/).

Pass, Pass by Compensation and Progression Standard (Programme level) - see Table 1 for any *additional or alternative* regulations to those listed here.

- To pass a year and progress to a subsequent year, candidates must achieve:
 1. an overall mark of 40% across all modules
 2. at least 50 credits with a mark of not less than 40% in each module
 3. a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules.

Table 1: Specific *additional or alternative* regulations governing Pass, Pass by Compensation and Progression Standard for individual programmes

| Programme Title | Year | Compensation mark | Special Requirements |
|------------------|------|-------------------|--|
| BSc Intercalated | 4 | | Note: Students taking Physiology 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) |

Note:

- In First Year only, a maximum of 5 failed credits may be carried forward to Second Year and repeated in that year if permitted. **Note:** This requires Departmental/School approval (Programme Coordinator/Chair of the Board of Studies), a number of other stipulations, and an application or request from the student. Details can be found at <https://www.ucc.ie/en/records-exams/>

Calculation of Honours

- Honours are awarded for each year on the basis of actual marks achieved at the Winter/Summer/Spring Examination and capped marks at the Autumn Supplemental Examination with any cognate study deemed to have been passed at a mark of 40% for the purpose of determining honours. For a list of programmes that do not award honours for a particular year or have different criteria for the awarding of honours, see **Table 2**.
- Honours** are awarded as follows:
 - First Class Honours:** $\geq 70\%$
 - Second Class Honours, Grade I:** $\geq 60\%, < 70\%$
 - Second Class Honours, Grade II:** $\geq 50\%, < 60\%$
 - Third Class Honours:** $\geq 45\%, < 50\%$
 - Pass:** $\geq 40\%, < 45\%$

Table 2: Programmes that do not award honours for a particular year or have different criteria for the awarding of honours

| Programme Title | Year | Honours | Criteria |
|------------------|------|---------|--|
| BSc Intercalated | 4 | Yes | <p>Profiling Mechanism: 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 840/1200 marks (i.e. 70%), or at least 816/1200 (68%), with at least</p> |

| | | | |
|--|--|--|--|
| | | | <p>half the credits attained with marks of 70% or above.</p> <p>Second Class Grade I: aggregate of at least 720/1200 marks (i.e. 60%), or at least 696/1200 (58%), with at least half the credits attained with marks of 60% or above.</p> <p>Second Class Grade II: aggregate of at least 600/1200 marks (i.e. 50%), or at least 576/1200 (48%), with at least half the credits attained with marks of 50% or above.</p> <p>Third Class: aggregate of at least 540/1200 marks (i.e. 45%), or at least 516/1200 (43%), with at least half the credits attained with marks of 45% or above.</p> |
|--|--|--|--|

Exemptions

- 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.
- Where a student fails to achieve the PASS standard required to progress to a subsequent year, they are EXEMPT from further examination in those modules where a PASS mark has been achieved. All failed modules must be taken at the supplemental examination.

Supplemental Examinations:

- Supplemental Examinations for Semesters 1 and 2 will be held in Autumn.
- Please refer to the Book of Modules (www.ucc.ie/modules/) for requirements governing the Supplemental Examination for individual modules. **Note:** For some modules there is no Supplemental Examination.
- 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, including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$),** (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. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and the (capped – see below) marks achieved in repeated modules.
- 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).

Capping of Marks at a Supplemental Examination

- In determining aggregation and progression and the calculation of honours, the maximum mark that will be taken into account is a pass level (40%). The actual mark achieved by the candidate will be recorded on the student record (Academic Transcript).

Repeat Year Examinations

- Students repeating the year may do so choosing one of the following mechanisms. Students are eligible for the award of honours in the first Repeat Year only.

1. Students retain exemptions, if any, and must repeat all failed/absent modules **including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$)**. In determining aggregation and progression and the calculation of the award of honours, full marks achieved in modules passed at the first attempt, plus capped marks achieved in modules at Supplemental/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 first attempt in a Repeat Year.

2. Students may repeat the year taking the full 60 credits.* In determining aggregation and progression and the calculation of award of honours, there is no restriction on the marks awarded for modules taken at the first attempt of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.

**For programmes that have a Work Placement module for that year, students may repeat the year taking the credit value of the taught modules only if the Work Placement module has been passed.*

Subject to capacity, all students - whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.

Where a candidate choosing option 2 also fails the Repeat Year as a result of failing module(s) already passed in the previous year, the aggregation and progression rules as laid out in Option 1 will apply. In the case of candidates choosing option 2 who had already passed at 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.

- 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.

Three Year Rule

- Candidates must pass/progress within three academic years of the date of first registration for a year, otherwise they cannot continue in the programme without special permission.

School of Mathematical Sciences

PROGRAMME LISTING: BSC FINANCIAL MATHEMATICS AND ACTUARIAL SCIENCE, BSC RISK AND ACTUARIAL STUDIES, BSC MATHEMATICAL SCIENCES, BSC APPLIED MATHEMATICS & PHYSICS OR MATHEMATICS AND PHYSICS – JOINT HONOURS, BSC MATHEMATICAL SCIENCES & PHYSICS – JOINT HONOURS

Examination Boards

- Marks for all modules taken in Semester I and II, 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.
- *Provisional* marks for Semester 1 examinations are released in February of each year. These marks are subject to approval at the University Examination Board held in summer.

Programme Description

- The Programme Description may be found in the University Calendar (<https://www.ucc.ie/admin/calendar>).

Modules Descriptions/Assessment

- Module Descriptions, including assessment elements and their weightings, are contained in the Book of Modules (www.ucc.ie/modules/).

Marks and credits

- A maximum of 100 marks may be awarded for every five credits of a programme
- Some modules are assessed on a PASS/FAIL basis only i.e. marks are not awarded (www.ucc.ie/modules/).

Credits and Marks Maxima

- A maximum of 60 credits, equating to Total Marks of 1,200 may be awarded per year of a programme unless a module is assessed on a PASS/FAIL basis only.

Pass Standard (module level)

- The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules (www.ucc.ie/modules/).

Pass, Pass by Compensation and Progression Standard (Programme level)

- To pass a year and progress to a subsequent year, candidates must achieve:
 1. an overall mark of 40% across all modules
 2. at least 50 credits with a mark of not less than 40% in each module
 3. a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules.

Note:

- In First Year only, a maximum of 5 failed credits may be carried forward to Second Year and repeated in that year if permitted. **Note:** This requires Departmental/School approval (Programme Coordinator/Chair of the Board of Studies), a number of other stipulations, and an application or request from the student. Details can be found at <https://www.ucc.ie/en/records-exams/>

Calculation of Honours

- Honours are awarded for each year on the basis of actual marks achieved at the Winter/Summer/Spring Examination and capped marks at the Autumn Supplemental Examination with any cognate study deemed to have been passed at a mark of 40% for the purpose of determining honours. For a list of programmes that do not award honours for a particular year or have different criteria for the awarding of honours, see **Table 1**.
- **Honours** are awarded as follows:
 - **First Class Honours:** $\geq 70\%$
 - **Second Class Honours, Grade I:** $\geq 60\%$, $< 70\%$
 - **Second Class Honours, Grade II:** $\geq 50\%$, $< 60\%$
 - **Third Class Honours:** $\geq 45\%$, $< 50\%$
 - **Pass:** $\geq 40\%$, $< 45\%$

Table 1: Programmes that do not award honours for a particular year or have different criteria for the awarding of honours

| Programme Title | Year | Honours | Criteria |
|--------------------------------|---------|---------|-----------------------------------|
| BSc Risk and Actuarial Studies | 3 and 4 | Yes | Third Class Hons are not awarded. |

Carry Forward Previous Marks for the Calculation of Final Year Marks /Degree Award Calculation – See Table 2 for programme listing

Table 2: Degree Award Calculation

| Programme Title | Degree Award Calculation |
|---|--|
| BSc Financial Mathematics and Actuarial Science | <p>For students graduating in 2022, 2023 or 2024 academic year: The degree is awarded on the aggregate mark of (i) 10% of the aggregate mark from Second University Examination in Science (maximum 120 marks), (ii) 40% of the aggregate mark from Third University Examination in Science (maximum 480 marks), and (iii) 50% of the Bsc Honours Degree Examination mark (maximum 600 marks). Total 1200 marks.</p> <p>For students graduating in 2025 and later: The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Second University Examination in Science (maximum 240 marks)</p> |

| | |
|---|--|
| | <p>(ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (iii) 50% of the BSc Honours Degree Examination mark (maximum 600 marks). Total 1200 marks</p> |
| BSc Risk and Actuarial Studies | <p>For students graduating in 2022 or 2023 academic year: The degree is awarded on the aggregate mark of (i) 40% of the aggregate mark from Third University Examination in Science (maximum 480 marks), and (ii) 60% of the Bsc Honours Degree Examination mark (maximum 720 marks). Total 1200 marks.</p> <p>For students graduating in 2024 and later: The degree is awarded on the aggregate mark of (i) 33.33% of the aggregate mark from the Third University Examination in Science (maximum 400 marks) and (ii) 66.66% of the BSc Honours Degree Examination mark (maximum 800 marks). Total 1200 marks</p> |
| BSc Mathematical Sciences | <p>For students graduating in 2022, 2023 or 2024 academic year: The degree is awarded on the aggregate mark of (i) 10% of the aggregate mark from Second University Examination in Science (maximum 120 marks) (ii) 45% of the aggregate mark from Third University Examination in Science (maximum 540 marks), and (iii) 45% of the Bsc Honours Degree Examination mark (maximum 540 marks). Total 1200 marks.</p> <p>For students graduating in 2025 and later: The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Second University Examination in Science (maximum 240 marks) (ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (iii) 50% of the BSc Honours Degree Examination mark (maximum 600 marks). Total 1200 marks</p> |
| BSc Applied Mathematics & Physics or Mathematics and Physics – Joint Honours | <p>The degree is awarded on the aggregate mark of (i) 10% of the aggregate mark from the Second University Examination in Science (maximum 120 marks)</p> |

| | |
|--|---|
| | <p>(ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and</p> <p>(iii) 60% of the BSc Honours Degree Examination mark (maximum 720 marks).</p> <p>Total 1200 marks</p> |
| BSc Mathematical Sciences & Physics – Joint Honours | <p>For students graduating in 2023 or 2024 academic year: The degree is awarded on the aggregate mark of (i)10% of the aggregate mark from Second University Examination in Science (maximum 120 marks),(ii) 40% of the aggregate mark from Third University Examination in Science (maximum 480 marks), and(iii) 50% of the Bsc Honours Degree Examination mark (maximum 600 marks). Total 1200 marks.</p> <p>For students graduating in 2025 and later: The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Second University Examination in Science (maximum 240 marks) (ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (iii) 50% of the BSc Honours Degree Examination mark (maximum 600 marks). Total 1200 marks</p> |

Exemptions

- 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.
- Where a student fails to achieve the PASS standard required to progress to a subsequent year, they are EXEMPT from further examination in those modules where a PASS mark has been achieved. All failed modules must be taken at the supplemental examination.

Supplemental Examinations:

- Supplemental Examinations for Semesters 1 and 2 will be held in Autumn.
- Please refer to the Book of Modules (www.ucc.ie/modules/) for requirements governing the Supplemental Examination for individual modules. **Note:** For some modules there is no Supplemental Examination.
- 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, including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$)**, (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. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and the (capped – see below) marks achieved in repeated modules.
- 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).

Capping of Marks at a Supplemental Examination

- In determining aggregation and progression and the calculation of honours, the maximum mark that will be taken into account is a pass level (40%). The actual mark achieved by the candidate will be recorded on the student record (Academic Transcript).

Repeat Year Examinations

- Students repeating the year may do so choosing one of the following mechanisms. Students are eligible for the award of honours in the first Repeat Year only.
 1. Students retain exemptions, if any, and must repeat all failed/absent modules **including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$)**. In determining aggregation and progression and the calculation of the award of honours, full marks achieved in modules passed at the first attempt, plus capped marks achieved in modules at Supplemental/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 first attempt in a Repeat Year.

2. Students may repeat the year taking the full 60 credits.* In determining aggregation and progression and the calculation of award of honours, there is no restriction on the marks awarded for modules taken at the first attempt of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.

**For programmes that have a Work Placement module for that year, students may repeat the year taking the credit value of the taught modules only if the Work Placement module has been passed.*

Subject to capacity, all students - whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.

Where a candidate choosing option 2 also fails the Repeat Year as a result of failing module(s) already passed in the previous year, the aggregation and progression rules as laid out in Option 1 will apply. In the case of candidates choosing option 2 who had already passed at 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.

- 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.

Three Year Rule

- Candidates must pass/progress within three academic years of the date of first registration for a year, otherwise they cannot continue in the programme without special permission.

Department of Physics

PROGRAMME LISTING: BSC PHYSICS, BSC ASTROPHYSICS, BSC INDUSTRIAL PHYSICS, BSC APPLIED MATHEMATICS & PHYSICS OR MATHEMATICS AND PHYSICS – JOINT HONOURS, BSC MATHEMATICAL SCIENCES & PHYSICS – JOINT HONOURS

Examination Boards

- Marks for all modules taken in Semester I and II, 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.
- *Provisional* marks for Semester 1 examinations are released in February of each year. These marks are subject to approval at the University Examination Board held in summer.

Programme Description

- The Programme Description may be found in the University Calendar (<https://www.ucc.ie/admin/calendar>).

Modules Descriptions/Assessment

- Module Descriptions, including assessment elements and their weightings, are contained in the Book of Modules (www.ucc.ie/modules/).

Marks and credits

- A maximum of 100 marks may be awarded for every five credits of a programme
- Some modules are assessed on a PASS/FAIL basis only i.e. marks are not awarded (www.ucc.ie/modules/).

Credits and Marks Maxima

- A maximum of 60 credits, equating to Total Marks of 1,200 may be awarded per year of a programme unless a module is assessed on a PASS/FAIL basis only.

Pass Standard (module level)

- The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules (www.ucc.ie/modules/).

Pass, Pass by Compensation and Progression Standard (Programme level) - see Table 1 for any additional or alternative regulations to those listed here.

- To pass a year and progress to a subsequent year, candidates must achieve:
 1. an overall mark of 40% across all modules
 2. at least 50 credits with a mark of not less than 40% in each module
 3. a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules.

Table 1: Specific additional or alternative regulations governing Pass, Pass by Compensation and Progression Standard for individual programmes

| Programme Title | Year | Compensation mark | Special Requirements |
|---------------------------------|------|-------------------|--|
| BSc Physics BSc Astrophysics | 3 | | Students who pass the Third University Examination in Science and who qualify to proceed into Fourth Science may opt instead to be conferred with a BSc Ordinary degree. |

Note:

- In First Year only, a maximum of 5 failed credits may be carried forward to Second Year and repeated in that year if permitted. **Note:** This requires Departmental/School approval (Programme Coordinator/Chair of the Board of Studies), a number of other stipulations, and an application or request from the student. Details can be found at <https://www.ucc.ie/en/records-exams/>

Calculation of Honours

- Honours are awarded for each year on the basis of actual marks achieved at the Winter/Summer/Spring Examination and capped marks at the Autumn Supplemental Examination with any cognate study deemed to have been passed at a mark of 40% for the purpose of determining honours.
- Honours** are awarded as follows:
 - First Class Honours:** $\geq 70\%$
 - Second Class Honours, Grade I:** $\geq 60\%$, $< 70\%$
 - Second Class Honours, Grade II:** $\geq 50\%$, $< 60\%$
 - Third Class Honours:** $\geq 45\%$, $< 50\%$
 - Pass:** $\geq 40\%$, $< 45\%$

Carry Forward Previous Marks for the Calculation of Final Year Marks /Degree Award Calculation – See Table 2 for programme listing

Table 2: Degree Award Calculation

| Programme Title | Degree Award Calculation |
|-----------------|---|
| BSc Physics | The degree is awarded on the aggregate mark of (i) 10% of the aggregate mark from the Second University Examination in Science (maximum 120 marks) (ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (iii) 60% of the BSc Honours Degree Examination mark (maximum 720 marks). Total 1200 marks For students graduating in 2025 and later: |

| | |
|--|--|
| | <p>The degree is awarded on the aggregate mark of</p> <ul style="list-style-type: none"> (i) 20% of the aggregate mark from the Second University Examination in Science (maximum 240 marks) (ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (iii) 50% of the BSc Honours Degree Examination mark (maximum 600 marks). <p>Total 1200 marks</p> <p>All modules are taken into account when calculating the 2nd, 3rd and 4th year contributions.</p> |
| <p style="text-align: center;">BSc Astrophysics</p> | <p>The degree is awarded on the aggregate mark of</p> <ul style="list-style-type: none"> (i) 10% of the aggregate mark from the Second University Examination in Science (maximum 120 marks) (ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (iii) 60% of the BSc Honours Degree Examination mark (maximum 720 marks). <p>Total 1200 marks</p> <p>For students graduating in 2025 and later:</p> <p>The degree is awarded on the aggregate mark of</p> <ul style="list-style-type: none"> (i) 20% of the aggregate mark from the Second University Examination in Science (maximum 240 marks) (ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (iii) 50% of the BSc Honours Degree Examination mark (maximum 600 marks). <p>Total 1200 marks</p> <p>All modules are taken into account when calculating the 2nd, 3rd and 4th year contributions.</p> |
| <p style="text-align: center;">BSc Industrial Physics</p> | <p>The degree is awarded on the aggregate mark of</p> <ul style="list-style-type: none"> (i) 10% of the aggregate mark from the Second University Examination in Science (maximum 120 marks) (ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (iii) 60% of the BSc Honours Degree Examination mark (maximum 720 marks). <p>Total 1200 marks</p> <p>For students graduating in 2025 and later:</p> <p>The degree is awarded on the aggregate mark of</p> <ul style="list-style-type: none"> (i) 20% of the aggregate mark from the Second University Examination in Science (maximum 240 marks) (ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and (iii) 50% of the BSc Honours Degree Examination mark (maximum 600 marks). |

| | |
|---|--|
| | Total 1200 marks |
| BSc Applied Mathematics & Physics or Mathematics and Physics – Joint Honours | <p>The degree is awarded on the aggregate mark of</p> <p>(i) 10% of the aggregate mark from the Second University Examination in Science (maximum 120 marks)</p> <p>(ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and</p> <p>(iii) 60% of the BSc Honours Degree Examination mark (maximum 720 marks).</p> <p>Total 1200 marks</p> |
| BSc Mathematical Sciences & Physics – Joint Honours | <p>The degree is awarded on the aggregate mark of</p> <p>(i) 10% of the aggregate mark from the Second University Examination in Science (maximum 120 marks)</p> <p>(ii) 40% of the aggregate mark from the Third University Examination in Science (maximum 480 marks) and</p> <p>(iii) 50% of the BSc Honours Degree Examination mark (maximum 600 marks).</p> <p>Total 1200 marks</p> <p>For students graduating in 2025 and later:</p> <p>The degree is awarded on the aggregate mark of</p> <p>(i) 20% of the aggregate mark from the Second University Examination in Science (maximum 240 marks)</p> <p>(ii) 30% of the aggregate mark from the Third University Examination in Science (maximum 360 marks) and</p> <p>(iii) 50% of the BSc Honours Degree Examination mark (maximum 600 marks).</p> <p>Total 1200 marks</p> |

Exemptions

- 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.
- Where a student fails to achieve the PASS standard required to progress to a subsequent year, they are EXEMPT from further examination in those modules where a PASS mark has been achieved. All failed modules must be taken at the supplemental examination.

Supplemental Examinations:

- Supplemental Examinations for Semesters 1 and 2 will be held in Autumn.
- Please refer to the Book of Modules (www.ucc.ie/modules/) for requirements governing the Supplemental Examination for individual modules. **Note:** For some modules there is no Supplemental Examination.
- 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, including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$),** (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. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and the (capped – see below) marks achieved in repeated modules.
- 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).

Capping of Marks at a Supplemental Examination

- In determining aggregation and progression and the calculation of honours, the maximum mark that will be taken into account is a pass level (40%). The actual mark achieved by the candidate will be recorded on the student record (Academic Transcript).

Repeat Year Examinations

- Students repeating the year may do so choosing one of the following mechanisms. Students are eligible for the award of honours in the first Repeat Year only.

1. Students retain exemptions, if any, and must repeat all failed/absent modules **including those modules where the failing mark previously achieved was greater than the level of compensation ($\geq 30\%$)**. In determining aggregation and progression and the calculation of the award of honours, full marks achieved in modules passed at the first attempt, plus capped marks achieved in modules at Supplemental/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 first attempt in a Repeat Year.

2. Students may repeat the year taking the full 60 credits.* In determining aggregation and progression and the calculation of award of honours, there is no restriction on the marks awarded for modules taken at the first attempt of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.

**For programmes that have a Work Placement module for that year, students may repeat the year taking the credit value of the taught modules only if the Work Placement module has been passed.*

Subject to capacity, all students - whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.

Where a candidate choosing option 2 also fails the Repeat Year as a result of failing module(s) already passed in the previous year, the aggregation and progression rules as laid out in Option 1 will apply. In the case of candidates choosing option 2 who had already passed at 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.

- 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.

Three Year Rule

- Candidates must pass/progress within three academic years of the date of first registration for a year, otherwise they cannot continue in the programme without special permission.

DIPLOMAS

| | |
|---|---|
| | COMPUTER SCIENCE |
| | DIPLOMA IN COMPUTER STUDIES |
| Time: | 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. |
| Modules: | Students take 60 credits : at least 40 credits of undergraduate Computer Science modules, and up to 20 credits in other subjects. http://www.ucc.ie/calendar/science/sci018.html |
| Marks Maxima: | 100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200. |
| Distribution of Marks: | 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> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | 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). |
| Honours: | 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: First Class: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class, Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class, Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%) |

| | |
|-----------------------------------|---|
| | COMPUTER SCIENCE |
| | DIPLOMA IN COMPUTER STUDIES |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 3 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> ○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). ○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) 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. |
| Repeat Year Examinations: | IEO to advise re visa implications |
| Three Year Rule: | Candidates must pass within 3 academic years of the date of first registration for the programme; otherwise they cannot continue in the programme. |

| | |
|-----------------|--|
| | STATISTICS |
| | <u>DIPLOMA IN STATISTICAL STUDIES</u> |
| Time: | 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. |
| Modules: | Candidates are examined in modules to a value of 60 credits , to include 20 credits of undergraduate Statistics modules from CK407 MATHEMATICAL SCIENCES degree outlets, which must include ST4099 Project (30 credits), and up to 10 credits from other undergraduate modules. |

| | |
|---|---|
| | STATISTICS |
| | <u>DIPLOMA IN STATISTICAL STUDIES</u> |
| Marks Maxima: | 100 per five-credit module; 200 per ten-credit module; 600 per thirty-credit module. Total Marks: 1200. |
| Distribution of Marks: | 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> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | 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). |
| Supplemental Examinations: | Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for ST4099.</i> |

| | |
|----------------------|--|
| | <u>DIPLOMA IN BIOLOGICAL SCIENCES</u> |
| Time: | 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 |
| Modules: | Students take modules to the value of 60 credits as listed in the College calendar and book of modules |
| Marks Maxima: | 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 (www.ucc.ie/academic/modules/) |
| <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, students must <ul style="list-style-type: none"> (i) Obtain an aggregate mark of 40% (i.e. at least 480/1200 marks) across all taught modules (ii) obtain a pass in each module in modules to the value of 50 credits (iii) Obtain a mark of not less than 30% in any remaining modules |
| <i>Honours:</i> | 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: First Class: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class, Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class, Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%) |
| <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"> o Please refer to the Book of Modules (www.ucc.ie/academic/modules/) for requirements governing the Autumn Supplemental Examination for individual modules. Note: For some modules there is no Supplemental Examination. 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. 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. |
| <i>Repeat Year Examinations:</i> | IEO to advise re: visa applications. |

| | |
|--------------------------------------|---|
| | <u>DIPLOMA IN ENVIRONMENTAL AND GEOLOGICAL SCIENCES</u> |
| <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> | <p>Students take 60 credits:</p> <p>http://www.ucc.ie/calendar/xxx/xxx/xxxxxx.html</p> |
| <i>Marks Maxima:</i> | <p>100 per five-credit module, 200 per ten-credit module</p> <p>Total Marks - 1200 marks</p> |
| <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 (http://www.ucc.ie/modules/). |
| <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 in Environmental and Geological Sciences, a candidate must:</p> <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> <ul style="list-style-type: none"> o Please refer to the Book of Modules (www.ucc.ie/academic/modules/) for requirements governing the Autumn Supplemental Examination for individual modules. Note: For some modules there is no Supplemental Examination. 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. 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. |
| <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 |
| Time: | As for the relevant BSc (Hons) Degree Examination. |
| Modules: | As for the relevant BSc (Hons) Degree Examination. |
| Marks Maxima: | As for the relevant BSc (Hons) Degree Examination. |
| Qualifying Standard: | 55% |

MASTERS' DEGREES

| MSc DEGREE EXAMINATION | |
|--------------------------------------|---|
| MSc Degree – Mode I | <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; and Zoology.</p> |
| MSc Degree – Mode II and III: | <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"> Actuarial Science Analysis of Pharmaceutical Compounds Bioinformatics and Computational Biology Analytical Chemistry Biotechnology Computing Science Data Science and Analytics Ecological Assessment Environmental Analytical Chemistry Food Microbiology Food Science Freshwater Quality Monitoring and Assessment Geographical Information Systems and Remote Sensing Interactive Media Marine Biology Molecular Cell Biology Software and Systems for Mobile Networks |

| MSc DEGREE EXAMINATION | |
|-------------------------------|--|
| | 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. |
| Honours: | Modes II and III: First Class: 70% - 100% Second Class: 60% - 69% |

MSC DEGREES

| | |
|-----------------------------|--|
| General Regulations: | <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> |
| Honours: | First Class 70% - 100% Second Class Grade I: 60% - 69% Second Class Grade II: 55% - 59% The details of Written and Year's Work are given below for each subject. |

BIOCHEMISTRY AND CELL BIOLOGY

| MSc Biotechnology | |
|--------------------------------------|--|
| Time: | <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> |
| Modules: | <p>Candidates take modules to the value of 90 credits, as detailed at: http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#3</p> |
| Marks Maxima: | <p>100 per five---credit module, 200 per ten---credit module, 800 for BT6002 (40 credits).</p> <p>Total Marks 1800</p> |
| Distribution of Marks: | <p>Taught Modules: 1000 marks</p> <p>Research Dissertation: 800 marks</p> <p>Total Marks: 1800</p> |
| Pass Standard (module level): | <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>, (www.ucc.ie/academic/modules/).</p> <p>In cases where a fail mark of not more than 5 percentage points below the pass standard has been returned for a dissertation, the Examination Board may, on the recommendation of the School, agree to permit the student to make amendments to achieve the pass standard for the Dissertation, within six weeks of the publication of examination results. In such cases a judgement of 'Pending' will be recorded for the dissertation.</p> <p>Following resubmission of the dissertation, the Supervisor will confirm to the SREO that ALL amendments have/have not been made and forward details of both the amended Mark and Judgement, as approved by the Supervisor and Examiner(s), to be recorded. Following approval by the Chair of the original Examination Board and the Head of the appropriate Department/School, the student record will be amended accordingly.</p> |

| MSc Biotechnology | |
|---|---|
| | Where a student fails to resubmit the dissertation within the six-week period, the Supervisor will notify the SREO of same, following which, the 'Pending' judgement previously recorded will be adjusted to a 'Fail' judgement." |
| Pass and Progression Standard (programme level): | <p>MSc in Biotechnology:</p> <p>To progress to the Research Dissertation a candidate must attain an overall aggregate of 50% for taught modules at the first attempt.</p> <p>In the case of students 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> |
| Postgraduate Certificate in Biotechnology Exit Awards: | <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> |
| Honours: | <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>First Class Honours: an aggregate of at least 1260/1800 marks (i.e. 70% and above)</p> <p>Second Class Honours: an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)</p> <p>Pass: an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 60%)</p> <p>Postgraduate Certificate in Biotechnology:</p> <p>First Class Honours: an aggregate of at least 700/1000 marks (i.e. 70% and above)</p> <p>Second Class Honours: an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%)</p> |

| MSc Biotechnology | |
|-----------------------------------|---|
| | Pass: an aggregate of at least 400/1000 marks (i.e. 40% and above but less than 60%) |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> ○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules) for requirements governing the Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for the Research Dissertation.</i> ○ 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. ○ 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 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. |
| Repeat Year Examinations: | Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year. |

| MSc Molecular Cell Biology with Bioinnovation | |
|--|---|
| Time: | <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> |
| Modules: | <p>Candidates take modules to the value of 90 credits, as detailed at:</p> <p>http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#molecular</p> |
| Marks Maxima: | 100 per five---credit module, 200 per ten---credit module, 800 for BT6002 (40 credits). |

| MSc Molecular Cell Biology with Bioinnovation | |
|---|---|
| | Total Marks 1800 |
| Distribution of Marks: | <p>Taught Modules: 1000 marks</p> <p>Research Dissertation: 800 marks</p> <p>Total Marks: 1800</p> |
| Pass Standard (module level): | <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>, (www.ucc.ie/academic/modules/).</p> <p>In cases where a fail mark of not more than 5 percentage points below the pass standard has been returned for a dissertation, the Examination Board may, on the recommendation of the School, agree to permit the student to make amendments to achieve the pass standard for the Dissertation, within six weeks of the publication of examination results. In such cases a judgement of 'Pending' will be recorded for the dissertation.</p> <p>Following resubmission of the dissertation, the Supervisor will confirm to the SREO that ALL amendments have/have not been made and forward details of both the amended Mark and Judgement, as approved by the Supervisor and Examiner(s), to be recorded. Following approval by the Chair of the original Examination Board and the Head of the appropriate Department/School, the student record will be amended accordingly.</p> <p>Where a student fails to resubmit the dissertation within the six-week period, the Supervisor will notify the SREO of same, following which, the 'Pending' judgement previously recorded will be adjusted to a 'Fail' judgement."</p> |
| Pass and Progression Standard (programme level): | <p>MSc in Molecular Cell Biology with Bioinnovation:</p> <p>To progress to the Research Dissertation a candidate must attain an overall aggregate of 50% for taught modules at the first attempt.</p> <p>In the case of students 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. 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> |

| MSc Molecular Cell Biology with Bioinnovation | |
|---|--|
| | 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. |
| Postgraduate Certificate in Molecular Cell Biology with Bioinnovation Exit Awards: | <p>Postgraduate Certificate in Molecular Cell Biology:</p> <p>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> |
| Honours: | <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:</p> <p>First Class Honours: an aggregate of at least 1260/1800 marks (i.e. 70% and above)</p> <p>Second Class Honours: an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)</p> <p>Pass: 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:</p> <p>First Class Honours: an aggregate of at least 700/1000 marks (i.e. 70% and above)</p> <p>Second Class Honours: an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%)</p> <p>Pass: an aggregate of at least 400/1000 marks (i.e. 40% and above but less than 60%)</p> |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> ○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules) for requirements governing the Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for the Research Dissertation (ML6001).</i> ○ 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 |

| MSc Molecular Cell Biology with Bioinnovation | |
|--|--|
| | <p>and if not disallowed by the Examination Board.</p> <ul style="list-style-type: none"> ○ 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 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. |
| Repeat Year Examinations: | NA |

MRES (MASTER OF RESEARCH) IN BIOCHEMISTRY AND CELL BIOLOGY

| MRes (Master of Research) in Biochemistry and Cell Biology | |
|---|--|
| <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 style="text-align: center;">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html</p> | |
| Time: | <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 style="text-align: center;">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html</p> |
| Modules: | <p>Students take 90 credits as follows:</p> <p>Students take 20 credits of taught modules and undertake a dissertation of 70 credits on a selected topic in Biochemistry & Cell Biology.</p> <p style="text-align: center;">https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page07.html</p> |
| Marks Maxima: | <p>100 per five credit module, 200 per ten credit module, some modules are assessed on a Pass/Fail basis.</p> |

| | |
|---|---|
| Distribution of Marks: | Distribution of marks and assessment details for individual taught modules can be found in the <i>Book of Modules</i> https://www.ucc.ie/admin/registrar/modules/ |
| Pass Standard (module level): | As stated in individual module descriptions https://www.ucc.ie/admin/registrar/modules/ |
| Pass and Progression Standard (programme level): | All modules must be passed prior to the submission of the dissertation. |
| Overall award: | The Dissertation will be examined in accordance with the procedures for submission and Examination of Research Masters degrees. https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html |
| Exemptions : | 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. |
| Supplemental Examination : | Please refer to the <i>Book of Modules</i> (http://www.ucc.ie/academic/modules) 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. 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. |

BIOLOGICAL, EARTH & ENVIRONMENTAL SCIENCES

| <u>POSTGRADUATE CERTIFICATE IN MARINE BIOLOGY</u> | |
|--|---|
| <i>Time:</i> | 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. |
| <i>Modules:</i> | Students take 30 credits as follows: BL6010 (5 credits); BL6012 (10 credits); BL6016 (10 credits) and BL6019 (5 credits) |
| <i>Marks Maxima:</i> | 100 per five-credit module, 200 per ten-credit module, Total Marks: 600. |
| <i>Distribution of Marks:</i> | Distribution of marks and assessment details (including Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , (www.ucc.ie/academic/modules/). |
| <i>Pass Standard (module level):</i> | Students are required to obtain at least 40% in each module to pass. |
| <i>Pass and Progression Standard (programme level):</i> | 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. |
| <i>Honours if Applicable:</i> | 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: First Class Honours: an aggregate of at least 420/600 marks (i.e. 70% and above) Second Class Honours: an aggregate of at least 360/600 marks (i.e. 60% and above but less than 70%) Pass Award: an aggregate of at least 300/600 marks (i.e. 50% and above but less than 60%). |
| <i>Exemptions:</i> | All passed modules carry an exemption, which is limited to a period of three years from the date a student originally achieved the exemption. |
| <i>Supplemental Examinations:</i> | ○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) for requirements governing the Supplemental Examination for individual modules. |

| POSTGRADUATE CERTIFICATE IN MARINE BIOLOGY | |
|---|---|
| | <ul style="list-style-type: none"> ○ 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. ○ All theory modules taken at a supplemental Examination, or in a repeat year, carry a maximum of 40%. |
| Supplemental Examinations | 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%. |
| Three year rule | 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. |

| Postgraduate Diploma in Freshwater Quality Monitoring and Assessment – Year 1 | |
|--|--|
| <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: https://www.ucc.ie/admin/registrar/calendar/postgraduate/PGDiplomas/science/page04.html |
| <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 (www.ucc.ie/modules/) |

| | |
|--|--|
| <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: First Class Honours: At least 70% (i.e. at least 420/600marks) Second Class Honours Grade 1: At least 60% but less than 70% (i.e. at least 360/600marks but less than 420/600marks) Second Class Honours Grade 2: 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> | Please refer to the Book of Modules (www.ucc.ie/academic/modules) for requirements governing the Supplemental Examination for individual modules. |

| | |
|--|---|
| | <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> | 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. |

| Freshwater Quality Monitoring and Assessment Postgraduate Diploma in– 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> | <p>Students take 30 credits as follows:</p> <p>https://www.ucc.ie/admin/registrar/calendar/postgraduate/PGDiplomas/science/page04.html</p> |
| <i>Marks Maxima:</i> | <p>100 per 5 credit module; 200 per 10 credit module.</p> <p>Total Marks 600</p> |
| <i>Distribution of Marks:</i> | Distribution of marks and assessment details for individual modules are contained in the Book of Modules (www.ucc.ie/modules/) |
| <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> | <p>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.</p> <p>To be eligible to transfer to the MSc in Freshwater Quality Monitoring and Assessment a student must;</p> |

| | |
|--|---|
| | <p>(i) Obtain a pass mark of at least 40% in each taught module and</p> <p>(ii) Obtain an aggregated mark of at least 50% across the 60 credits from year 1 and 2.</p> |
| <i>Honours:</i> | <p>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.</p> <p>The grade of honours shall be determined as follows:</p> <p>First Class Honours: At least 70% (i.e. at least 840/1200marks)</p> <p>Second Class Honours Grade 1: At least 60% but less than 70% (i.e. at least 720/1200marks but less than 840/1200marks)</p> <p>Second Class Honours Grade 2: At least 50% but less than 60% (i.e. at least 600/1200marks but less than 720/1200marks)</p> <p>Honours will not be awarded at the Winter Supplemental Examination or in a Repeat Year.</p> |
| <i>Exemptions:</i> | <p>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.</p> |
| <i>Supplemental Examination:</i> | <p>Please refer to the Book of Modules (www.ucc.ie/academic/modules) 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> |

| MSc in Freshwater Quality Monitoring and Assessment: Year 1 | |
|---|---|
| <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: Link to UCC calendar |
| <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 (www.ucc.ie/modules/) |
| <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: |

| | |
|--|---|
| | <p>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.</p> <p>First Class Honours: At least 70% (i.e. at least 420/600marks)</p> <p>Second Class Honours Grade 1: At least 60% but less than 70% (i.e. at least 360/600marks but less than 420/600marks)</p> <p>Second Class Honours Grade 2: At least 50% but less than 60% (i.e. at least 300/600marks but less than 360/600marks)</p> |
| <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 (www.ucc.ie/academic/modules) 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, 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: |

| | |
|---|---|
| | Link to UCC calendar |
| <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 (www.ucc.ie/modules/) |
| <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. |

| | |
|--|---|
| | <p>The grade of honours shall be determined as follows:</p> <p>First Class Honours: At least 70% (i.e. at least 840/1200 marks)</p> <p>Second Class Honours Grade 1: At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks)</p> <p>Second Class Honours Grade 2: At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks)</p> |
| <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 (www.ucc.ie/academic/modules) 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, 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. |

| MSc in Freshwater Quality Monitoring and Assessment: Year 3 | |
|--|---|
| <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> | <p>Students take 30 credits as follows:</p> <p>Link to UCC calendar</p> |
| <i>Marks Maxima:</i> | <p>100 per 5 credit module; 200 per 10 credit module.</p> <p>Total Marks 600</p> |

| | |
|---|--|
| <i>Distribution of Marks:</i> | Distribution of marks and assessment details for individual modules are contained in the Book of Modules (www.ucc.ie/modules/) |
| <i>Pass Standard (module level):</i> | <p>The pass standard for the dissertation is 50%. Special Requirements for individual modules, if any, are detailed in the Book of Modules.</p> <p><i>In cases where a fail mark of not more than 5 percentage points below the pass standard has been returned for a dissertation, the Examination Board may, on the recommendation of the School, agree to permit the student to make amendments to achieve the pass standard for the Dissertation, within six weeks of the publication of examination results. In such cases a judgement of 'Pending' will be recorded for the dissertation.</i></p> <p><i>Following resubmission of the dissertation, the Supervisor will confirm to the SREO that ALL amendments have/have not been made and forward details of both the amended Mark and Judgement, as approved by the Supervisor and Examiner(s), to be recorded. Following approval by the Chair of the original Examination Board and the Head of the appropriate Department/School, the student record will be amended accordingly.</i></p> <p><i>Where a student fails to resubmit the dissertation within the six-week period, the Supervisor will notify the SREO of same, following which, the 'Pending' judgement previously recorded will be adjusted to a 'Fail' judgement."</i></p> |
| <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> | <p>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.</p> <p>Note: For rules governing the award of honours in a repeat year please see below;</p> |

| | |
|--|---|
| | <p>The grade of honours shall be determined as follows:</p> <p>First Class Honours: At least 70% (i.e. at least 1260/1800 marks)</p> <p>Second: At least 60% but less than 70% (i.e. at least 1080/1800 marks but less than 1260/1800 marks)</p> <p>Pass : At least 50% but less than 60% (i.e. at least 900/1800 marks but less than 1080/1800 marks)</p> <p>Honours will be awarded in a repeat year</p> |
| <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. |

| <u>MSC MARINE BIOLOGY</u> | |
|----------------------------------|--|
| <i>Time:</i> | 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. |
| <i>Modules:</i> | <u>Part I:</u> Students take modules to the value of 60 credits; |

| <u>MSC MARINE BIOLOGY</u> | |
|----------------------------------|--|
| | <p><u>Part II:</u> Research Dissertation BL6017 (30 credits), as detailed at: http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html</p> |
| Marks Maxima: | 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. |
| Distribution of Marks: | Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) |
| Pass and Progression: | <p>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> (www.ucc.ie/academic/modules/).</p> <p>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)).</p> <p>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).</p> <p>Note: 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.</p> |
| Degree Award: | 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. |
| Honours: | <p>In addition to the requirements under Pass and Progression and Degree Award above, Honours will be awarded as follows:</p> <p>First Class: At least 70% (i.e. at least 1190/1700 marks) and a pass in BL6015.</p> <p>Second Class: 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.</p> <p>Pass: 50-59% At least 850/1700 marks but less than 1020/1700 marks and a pass in BL6015.</p> <p>Honours will not be awarded at the Autumn Supplemental Examination or in a Repeat Year.</p> |

| <u>MSC MARINE BIOLOGY</u> | |
|---|---|
| Postgraduate Diploma in Marine Biology | 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. |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <p>Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) for requirements governing the Autumn Supplemental Examination for individual modules. Note 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.</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 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> |
| Repeat Year Examinations: | Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year. |

| <u>MSC IN APPLIED ENVIRONMENTAL GEOLOGY</u> | |
|--|--|
| Time: | 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 at the Summer Examination Board, there will be a Supplemental Examination in Autumn with a Autumn Examination Board. Part 2, the research dissertation, GL6019, will be presented to the Winter Examination Board. 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 Geology. |
| Modules: | Students take 90 credits http://www.ucc.ie/calendar/postgraduate/Masters/science/ |
| Marks Maxima: | 100 per 5 credit module; 200 per 10 credit module, 400 per 20 credit module, 600 per 30 credit module Total Marks - 1800 |
| Distribution of Marks: | Distribution of marks and assessment details for individual modules are contained in the Book of Modules (www.ucc.ie/academic/modules/) |
| Pass Standard (Module Level) | <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 (www.ucc.ie/academic/modules/).</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)). Students achieving an aggregate of 50% at the Summer Examination Board 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 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 Geology.</p> |
| Pass and Progression Standard (Programme Level) | 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 Geology. |
| Postgraduate Diploma in Environmental Geology | 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 Geology. |
| Honours Standard (Overall Award): | <p>Students are eligible for the award of honours on the basis of the marks achieved over the Summer, 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 achieves at least 50% in GL6019 will be eligible for the award of the MSc Applied Environmental Geology.</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> |
| Supplemental Examinations: | <p>Please refer to the Book of Modules (www.ucc.ie/academic/modules/) 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 Summer 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.</p> <p>Supplemental examinations are capped at 40%.</p> <p style="text-align: center;">Marks will be capped in a repeat year examination.</p> |

| | |
|------------------------------|--|
| | MSC IN APPLIED ENVIRONMENTAL GEOSCIENCES |
| Time: | <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 at the Summer Examination Board, there will be a Supplemental Examination in Autumn with a n Autumn Examination Board. Part 2, the research dissertation, GL6019, will be presented to the Winter Examination Board. 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.</p> |
| Modules: | <p>Students take 90 credits http://www.ucc.ie/calendar/postgraduate/Masters/science/</p> |
| Marks Maxima: | <p>100 per 5 credit module; 200 per 10 credit module, 400 per 20 credit module, 600 per 30 credit module Total Marks - 1800</p> |
| Distribution of Marks: | <p>Distribution of marks and assessment details for individual modules are contained in the Book of Modules (www.ucc.ie/academic/modules/)</p> |
| Pass Standard (Module Level) | <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</p> |

| | |
|--|---|
| | <p>for individual modules, if any are detailed in the Book of Modules (www.ucc.ie/academic/modules/).</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)). Students achieving an aggregate of 50% at the Summer Examination Board 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 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> |
| Pass and Progression Standard (Programme Level) | <p>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.</p> |
| Postgraduate Diploma in Environmental Geology | <p>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> |
| Honours Standard (Overall Award): | <p>Students are eligible for the award of honours on the basis of the marks achieved over the Summer, 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 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> |
| | |
| Supplemental Examinations: | <p>Please refer to the Book of Modules (www.ucc.ie/academic/modules/) for requirements governing the Autumn Supplemental Examination for individual modules. Note there is no Supplemental Examination for GL6019. A student who fails to achieve the pass standard for Part I at the Summer Examination Board must repeat all failed/absent modules (Part I) at the</p> |

| | |
|--|---|
| | <p>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> |
|--|---|

MRES IN PLANT BIOLOGY/GEOLOGICAL SCIENCES/ENVIRONMENTAL SCIENCE/ANIMAL BEHAVIOUR AND WELFARE

| | |
|-----------------|---|
| | <p>MRes IN PLANT BIOLOGY/GEOLOGICAL SCIENCES/ENVIRONMENTAL SCIENCE/ANIMAL BEHAVIOUR AND WELFARE</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>https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html</p> |
| Time: | <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>https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html</p> |
| Modules: | <p>Students take 90 credits as follows:</p> <p>Students take 20 credits of taught modules and undertake a dissertation of 70 credits on a selected topic in:</p> <p>Plant Biology</p> <p>https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page08.html</p> |

| | |
|---|---|
| | <p>or Geological Sciences https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page09.html</p> <p>or Environmental Science https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page10.html</p> <p>or Animal Behaviour and Welfare https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/science/page12.html</p> |
| Marks Maxima: | 100 per five credit module, 200 per ten credit module, some modules are assessed on a Pass/Fail basis. |
| Distribution of Marks: | Distribution of marks and assessment details for individual taught modules can be found in the <i>Book of Modules</i> https://www.ucc.ie/admin/registrar/modules/ |
| Pass Standard (module level): | As stated in individual module descriptions https://www.ucc.ie/admin/registrar/modules/ |
| Pass and Progression Standard (programme level): | All modules must be passed prior to the submission of the dissertation. |
| Overall award: | The Dissertation will be examined in accordance with the procedures for submission and Examination of Research Masters degrees. https://www.ucc.ie/admin/registrar/calendar/postgraduate/Masters/page01.html |
| Exemptions : | 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. |
| Supplemental Examination : | <p>Please refer to the <i>Book of Modules</i>(http://www.ucc.ie/academic/modules) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules, there is no Supplemental Examination.</i></p> <p>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

| POSTGRADUATE DIPLOMA IN ANALYTICAL CHEMISTRY | |
|---|---|
| Time: | 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. |
| Modules: | Students take 60 credits as follows: Part 1: Students take modules to the value of 50 credits; Part 11: Research Project Code CM6019 (10 credits) http://www.ucc.ie/calendar/postgraduate/PGDiplomas/science/page03.html |
| Marks Maxima: | 100 per 5 credit module; 200 per 10 credit module. Total Marks 1200 marks |
| Distribution of Marks: | 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> (www.ucc.ie/academic/modules/) |
| Pass and Progression Standard (programme level): | 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. 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. |
| Degree Award: | 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. |
| Honours: | Honours are awarded on the overall aggregate 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%) Pass: 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. |
| Exemptions: | All passed modules carry an exemption which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> ○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) for requirements governing the Autumn Supplemental Examination for individual modules. ○ 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. ○ 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. |
| Repeat Year Examinations: | Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year. |

| <u>POSTGRADUATE DIPLOMA IN BIOANALYTICAL CHEMISTRY</u> | |
|---|---|
| Time: | Marks for all lecture modules in S2 wholly assessed by Continuous Assessment (online exams), will be presented to Autumn Examination Board. Marks for Part 2 will be submitted to the Autumn Examination Board. |
| Modules: | Part 1: Students take all lecture and workshop modules (30 credits); Part 2: Practicals, Case Studies and Research Review Project (30 credits), as detailed at: https://www.ucc.ie/admin/registrar/calendar/postgraduate/PGDiplomas/science/page05.html |
| Marks Maxima: | 100 Marks per 5 credit module; 200 Marks per 10 credit module. Total Marks – Part 1: 500 Marks; Part 2: 500 Marks |
| Distribution of Marks: | Part 1: Continuous Assessment – Online examinations: 500 marks and 1 x 5 credit PASS/FAIL module Part 2: Practicals and Research Project 500 marks and 1 x 5 credit PASS/FAIL module Total Marks: 1000 Distribution of marks and assessment details for individual modules are contained in the Book of Modules (www.ucc.ie/academic/modules/) |
| Pass Standard (module level): | Students are required to obtain at least 40 % in the following modules, CM6028, CM6009, CM6025, CM6031 and CM6029 and obtain at least 50% in CM6008 and CM6030 PASS/FAIL modules: A pass standard must be achieved in (CM6024 and CM6032) |
| Pass Standard (programme level): | To be eligible for the award of Postgraduate Diploma in Bioanalytical Chemistry, students must obtain a pass mark across all modules to a value of 60 credits. |

| | |
|--|--|
| Exit Award: Postgraduate Certificate in Bioanalytical Chemistry | Students who achieve a pass standard in all modules in Part 1 may opt to exit with a Postgraduate Certificate in Bioanalytical Chemistry. |
| Honours | <p>Honours are awarded on the overall aggregate as follows:</p> <p>First Class Honours: an aggregate of at least 700/1000 marks (i.e. 70 % and above)</p> <p>Second Class Honours Grade I: an aggregate of at least 600/1000 marks (i.e. 60 % and above but less than 70 %)</p> <p>Second Class Honours Grade II: an aggregate of at least 500/1000 marks (i.e. 50 % and above but less than 60 %)</p> <p>Pass: an aggregate of at least 430/1000 marks (i.e. 40 % in the lecture modules and 50 % in the practical modules)</p> <p>Honours will only be awarded at the Autumn Examination Board provided that the student has taken the assessments in Part 1 and Part 2 at the 1st attempt</p> <p>Students required to repeat any module are not eligible for the award of honours</p> |
| Exemptions: | All passed modules carry an exemption which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | N/A |
| Repeat Year Examinations: | Marks will be capped in a repeat year examination (40/50 %). Candidates will not be eligible for the award of Honours in a Repeat Year. |

HIGHER DIPLOMA IN DESIGN AND MANUFACTURE OF BIOPHARMACEUTICALS

| | |
|-------------------------------|---|
| | <p>FIRST UNIVERSITY EXAMINATION IN</p> <p>Higher Diploma in Design and Manufacture of BioPharmaceuticals</p> |
| <i>Time:</i> | <p>Marks for 35 credits (excluding PF5001, BC5005 and BC5006) will be presented to the Summer Examination Board. For students failing to achieve the pass standard at the Summer Examination, there will be a Supplemental Examination in Autumn with results presented to the Autumn Examination Board.</p> <p>Marks for 25 credits (PF5001, BC5005 and BC5006) will be presented to the Autumn Examination Board. For students failing to achieve the pass standard at the Autumn Examination Board, there will be a Supplemental Examination in Winter with a Supplemental Winter Examination Board.</p> |
| <i>Modules:</i> | <p>Students take 60 credits as outlined on the programme webpage: https://www.ucc.ie/en/study/courses/</p> |
| <i>Marks Maxima:</i> | <p>100 per five credit module. 200 per 10 credit module. 300 per 15 credit module.</p> <p>Total Marks: 1200.</p> |
| <i>Distribution of Marks:</i> | <p>Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained on the programme webpage https://www.ucc.ie/en/study/courses/ Oral, if required – Students may, at</p> |

| | |
|---|---|
| | the discretion of the responsible department(s), be required to take an oral examination in any given module(s). |
| <i>Pass Standard (module level):</i> | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed on the programme webpage: https://www.ucc.ie/en/study/courses/ |
| <i>Pass and Progression Standard (programme level):</i> | To be awarded Higher Diploma in Design and Manufacture of BioPharmaceuticals, a candidate must: <ol style="list-style-type: none"> I. Obtain an overall aggregate pass of 40% (i.e. 480/1200 marks) across all modules. II. Obtain a pass in each module to the value of 60 credits. |
| <i>Exit Award:</i> | N/A |
| <i>Honours:</i> | <p><i>Honours will be awarded in the Higher Diploma in the Design and Manufacture of BioPharmaceuticals as follows:</i></p> <p><i>First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above)</i></p> <p><i>Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</i></p> <p><i>Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</i></p> |
| <i>Exemptions:</i> | <i>All passed modules carry an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.</i> |
| <i>Supplemental Examination:</i> | <ul style="list-style-type: none"> • Supplemental Examinations for Semesters 1 and 2 will be held in Autumn. Supplemental Examinations for Semester 3 will be held in Winter. Please refer to the Book of Modules (www.ucc.ie/academic/modules/) for requirements governing the Supplemental Examination for individual modules. • 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. • 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. |
| <i>Repeat Year Examinations:</i> | If a student fails to progress and is allowed to repeat the year, all failed/absent modules must be taken in the Repeat Year. In determining aggregation and |

| | |
|--|--|
| | progression, all modules taken in a Repeat Year are capped at the pass mark – 40%. Honours are not awarded in a Repeat Year. |
|--|--|

| <u>MSC ANALYTICAL CHEMISTRY; ENVIRONMENTAL ANALYTICAL CHEMISTRY; PHARMACEUTICAL ANALYSIS</u> | |
|--|---|
| Time: | 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. |
| Modules: | 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: http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html |
| Marks Maxima: | 100 per 5 credit module; 200 per 10 credit module. Total Marks - Part I: 1000 marks; Part II 600 marks. |
| Distribution of Marks: | 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> (www.ucc.ie/academic/modules/) |
| Pass and Progression Standard (programme level): | 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> (www.ucc.ie/academic/modules/). This includes modules CM6026 and CM6027 where a PASS/FAIL system is in place. Students must obtain a Pass in CM6015 and 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). |

| | |
|---|---|
| <p>Postgraduate Certificate/Diploma Exit Awards:</p> | <p><i>Postgraduate Diploma/Certificate in Analytical Chemistry</i>):</p> <p>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.</p> <p>Alternatively, candidates may opt to exit the programme with a Postgraduate Certificate in Analytical Chemistry) without completing CM6019.</p> |
| <p>Degree Award:</p> | <p>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.</p> |
| <p>Honours:</p> | <p>MSc</p> <p>Postgraduate Diploma</p> <p>Honours will be awarded on the basis of the overall aggregate marks awarded as follows:</p> <p>First Class: 70% - 100%</p> <p>Second Class: 60% - 69%</p> <p>Pass: 40% - 59%</p> <p>Honours will not be awarded at the Autumn Supplemental Examination or in a Repeat Year.</p> |
| <p>Exemptions:</p> | <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> |
| <p>Supplemental Examinations:</p> | <ul style="list-style-type: none"> ○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) for requirements governing the Autumn Supplemental Examination for individual modules. Note there is no Supplemental Examination for CM6015/20/21/22. ○ 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. ○ 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>Repeat Year Examinations:</p> | <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> |

COMPUTER SCIENCE & INFORMATION TECHNOLOGY

| <u>HIGHER DIPLOMA IN APPLIED COMPUTING TECHNOLOGY (FULL TIME)</u> | |
|--|---|
| <i>Time:</i> | 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. |
| <i>Modules:</i> | Students take 60 credits of taught modules as follows: http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page14.html |
| <i>Marks Maxima:</i> | 100 per five credit module, 300 per fifteen credit module. Total Marks: 1200. |
| <i>Distribution of Marks:</i> | Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> , (www.ucc.ie/academic/modules). |
| <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 <i>Book of Modules</i> , (www.ucc.ie/academic/modules/). |
| <i>Pass & Progression Standard (programme level):</i> | 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). <i>MSc in Computing Science:</i> 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>CS1022 Introduction to Programming and Problem Solving</i> , may apply to enter the MSc in Computing Science. |
| <i>Honours:</i> | Honours will be awarded on the basis of the overall aggregate marks awarded as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) |

| <u>HIGHER DIPLOMA IN APPLIED COMPUTING TECHNOLOGY (FULL TIME)</u> | |
|--|--|
| | <p>Pass:</p> <p>an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)</p> |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <p>Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) for requirements governing the Autumn 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 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.</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, 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> |
| Repeat Year Examinations: | 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> |
| Three Year Rule: | Candidates must pass within 3 academic years of the date of first registration; otherwise they cannot continue in the programme. |

| HIGHER DIPLOMA IN APPLIED COMPUTING TECHNOLOGY (PART TIME) – YEAR 1 | |
|--|--|
| Time: | 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. |
| Modules: | Students take 30 credits of taught modules as follows: http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page14.html |
| Marks Maxima: | 100 per five credit module, 300 per fifteen credit module. Total Marks: 600. |
| Distribution of Marks: | 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> , (www.ucc.ie/academic/modules). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , (www.ucc.ie/academic/modules/). |
| Pass & Progression Standard (programme level): | 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). |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> o Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules) for requirements governing the 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 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 o Marks from all passed modules are carried forward to the Supplemental Examination, or to a Repeat Year if necessary. 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. |

| <u>HIGHER DIPLOMA IN APPLIED COMPUTING TECHNOLOGY (PART TIME) – YEAR 1</u> | |
|---|---|
| <i>Repeat Year Examinations:</i> | 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> |
| <i>Three Year Rule:</i> | Candidates must pass/progress within 3 academic years of the date of first registration; otherwise they cannot continue in the programme. |

| <u>HIGHER DIPLOMA IN APPLIED COMPUTING TECHNOLOGY (PART TIME) – YEAR 2</u> | |
|---|--|
| <i>Time:</i> | 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. |
| <i>Modules:</i> | Students take 60 credits of taught modules as follows: http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page14.html |
| <i>Marks Maxima:</i> | 100 per five credit module. Total Marks: 600. |
| <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> , (www.ucc.ie/academic/modules/). |
| <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 <i>Book of Modules</i> , (www.ucc.ie/academic/modules/). |
| <i>Pass & Progression Standard (programme level):</i> | 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). |

| <u>HIGHER DIPLOMA IN APPLIED COMPUTING TECHNOLOGY</u> <u>(PART TIME) – YEAR 2</u> | |
|--|--|
| | <p><i>MSc in Computing Science:</i></p> <p>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>CS1022 Introduction to Programming and Problem Solving</i>, may apply to enter the MSc in Computing Science</p> |
| <i>Honours:</i> | <p>Honours will be awarded on the basis of the overall aggregate marks awarded over the two years as follows:</p> <p>First Class Honours:</p> <p>an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p>Second Class Honours:</p> <p>an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Pass:</p> <p>an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)</p> |
| <i>Exemptions:</i> | <p>All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption.</p> |
| <i>Supplemental Examinations:</i> | <ul style="list-style-type: none"> o Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules) for requirements governing the 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 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 o Marks from all passed modules are carried forward to the Supplemental Examination, or to a Repeat Year if necessary. o The pass 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 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. |
| <i>Repeat Year Examinations:</i> | <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</p> |

| <u>HIGHER DIPLOMA IN APPLIED COMPUTING TECHNOLOGY (PART TIME) – YEAR 2</u> | |
|---|--|
| | 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> |
| Three Year Rule: | Candidates must pass/progress within 3 academic years of the date of first registration; otherwise they cannot continue in the programme. |

| <u>PG DIPLOMA DATA SCIENCE AND ANALYTICS</u> | |
|---|---|
| Time: | 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. |
| Modules: | Students take 60 credits of taught modules |
| Marks Maxima: | 100 marks per 5 credit module; 200 marks per 10 credit module. Total marks: 1200. |
| Distribution of Marks: | 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> |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> |
| Pass Standard (programme level): | All modules must be passed individually. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> . |
| Honours: | 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: Postgraduate Diploma in Data Science and Analytics: 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: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) |

| | |
|-----------------------------------|---|
| | <p>Second Class Honours: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Pass: an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)</p> |
| Exemptions: | N/A |
| Supplemental Examinations: | <ul style="list-style-type: none"> - Please refer to the <i>Book of Modules</i> for requirements governing the Supplemental Examination for individual modules. - 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. - 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 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. |
| Repeat Year Examinations: | N/A |
| Three Year Rule: | N/A |

| <u>MSC DATA SCIENCE AND ANALYTICS</u> | |
|--|--|
| <i>Time:</i> | <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> <p>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> |
| <i>Modules:</i> | Students take 60 credits of taught modules plus a 30-credit dissertation |

| | |
|---|---|
| | |
| Marks Maxima: | 100 marks per 5 credit module, 200 marks per 10 credit module, 600 marks per 30 credit module. Total marks: 1800. |
| Distribution of Marks: | Taught Modules: 1200 marks; Dissertation: 600 marks Total: 1800 marks Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> |
| Pass Standard (programme level): | 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. |
| Postgraduate Diploma in Data Science & Analytics Exit Award: | Postgraduate Diploma in Data Science and Analytics: 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. 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> . |
| MSc Degree Award: | 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> . |
| Honours: | 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: First Class Honours: an aggregate of at least 1260/1800 marks (i.e. 70% and above) Second Class Honours: an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%) Pass: an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 60%) Postgraduate Diploma in Data Science and Analytics: |

| | |
|-----------------------------------|---|
| | <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>First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p>Second Class Honours: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Pass: an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)</p> |
| Exemptions: | N/A |
| Supplemental Examinations: | <ul style="list-style-type: none"> - Please refer to the <i>Book of Modules</i> for requirements governing the Supplemental Examination for individual modules. - 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. - 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 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. |
| Repeat Year Examinations: | N/A |
| Three Year Rule: | N/A |

| MSc COMPUTING SCIENCE | |
|------------------------------|---|
| Time: | <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> |

| MSc COMPUTING SCIENCE | |
|--|---|
| Modules: | Students take 60 credits of taught modules plus a 30-credit Research and Development Project, as detailed at: http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#computing |
| Marks Maxima: | 100 per five credit module, 200 per ten credit module, 600 per thirty credit module. Total Marks: 1800. |
| Distribution of Marks: | Taught Modules: 1200 marks Dissertation: 600 marks Total: 1800 marks Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | 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). <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. |
| Postgraduate Diploma in Computing Science Exit Award: | Postgraduate Diploma in Computing Science: 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. 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> . |
| Honours: | MSc in Computing Science: |

| MSc COMPUTING SCIENCE | |
|--|--|
| | <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>First Class Honours: an aggregate of at least 1260/1800 marks (i.e. 70% and above)</p> <p>Second Class Honours: an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)</p> <p>Pass: an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 60%)</p> <p><i>Postgraduate Diploma in Computing Science:</i></p> <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>First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p>Second Class Honours: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Pass: an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)</p> |
| <i>Exemptions:</i> | 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. |
| <i>Supplemental Examinations:</i> | <ul style="list-style-type: none"> ○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules) for requirements governing the Supplemental Examination for individual modules. ○ 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. ○ 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 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. |

| Postgraduate Diploma Interactive Media | |
|---|--|
| Time: | 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. |
| Modules: | Students take 60 credits of taught modules |
| Marks Maxima: | 100 marks per 5 credit modules. Total marks: 1200. |
| Distribution of Marks: | 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> |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> |
| Pass Standard (programme level): | All modules must be passed individually. Special Requirements for individual modules, if any, are detailed in the Book of Modules. |
| Honours: | 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: Postgraduate Diploma in Interactive Media: 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: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Pass: an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%) |
| Exemptions: | N/A |
| Supplemental Examinations: | <ul style="list-style-type: none"> - Please refer to the <i>Book of Modules</i> for requirements governing the Supplemental Examination for individual modules. - 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 |

| | |
|----------------------------------|--|
| | <p>immediately following the Summer Examination Board in which the module(s) was failed.</p> <ul style="list-style-type: none"> - 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 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. |
| Repeat Year Examinations: | N/A |
| Three Year Rule: | N/A |

| MSC INTERACTIVE MEDIA (FULL-TIME AND PART-TIME) | |
|---|---|
| Time: | <p>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).</p> <p>Results for the Project (CS6200) will be presented to the Winter Examination Board in the appropriate year.</p> |
| Modules: | <p>Students take 60 credits of taught modules plus a 30-credit project – as outlined at:</p> <p>http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#Interactive</p> |
| Marks Maxima: | <p>100 per 5 credit module, 600 per 30 credit module.</p> <p>Marks Part I 1200, Marks Part II 600.</p> <p>Total Marks 1800.</p> |
| Distribution of Marks: | <p>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>.</p> |
| Pass Standard (module level): | <p>The pass standard for each module is 40%.</p> |
| Pass and Progression Standard (programme level): | <p>To pass Part I, a student must attain a mark of at least 40% in each of the lecture modules.</p> <p>To pass Part II a student must attain a mark of at least 40% in the CS6200 project.</p> |

| MSC INTERACTIVE MEDIA (FULL-TIME AND PART-TIME) | |
|--|--|
| | 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. |
| Postgraduate Diploma in Interactive Media Exit Award: | <p>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.</p> <p>Students who proceed to Part 2 of the Masters but who do not pass the project will graduate with a Postgraduate Diploma in Interactive Media.</p> |
| Honours (If applicable): | <p>First Class Honours (MSc in Interactive Media)</p> <p>Will be awarded to a student who</p> <ul style="list-style-type: none"> (i) Achieves the pass standard of 40% in each of the lecture modules; (ii) Achieves an aggregate of at least 1260/1800 (70%) across all modules; (iii) Achieves a mark of at least 40% in the CS6200 project module, <u>all at the first attempt.</u> <p>Second Class Honours (MSc in Interactive Media)</p> <p>Will be awarded to a student who</p> <ul style="list-style-type: none"> (i) Achieves the pass standard of 40% in each of the lecture modules; (ii) Achieves an aggregate of at least 1080/1800 (60%) across all modules; (iii) Achieves a mark of at least 40% in the CS6200 project module, <u>all at the first attempt</u> <p>Pass (MSc in Interactive Media)</p> <p>Will be awarded to a student who</p> <ul style="list-style-type: none"> (i) Achieves the pass standard of 40% in each of the lecture modules; (ii) Achieves an aggregate of at least 720/1800 (40%) across all modules; (iii) Achieves a mark of at least 40% in the CS6200 project module, <u>all at the first attempt.</u> |
| | <p>First Class Honours (Postgraduate Diploma in Interactive Media)</p> <p>Will be awarded to a student who</p> <ul style="list-style-type: none"> (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. |

| MSC INTERACTIVE MEDIA (FULL-TIME AND PART-TIME) | |
|--|--|
| | <p>Second Class Honours (Postgraduate Diploma in Interactive Media)</p> <p>Will be awarded to a student who</p> <p>(i) Achieves the pass standard of 40% in each of the lecture modules;</p> <p>(ii) Achieves an aggregate of at least 720/1200 (60%) across all modules</p> <p>Pass (Postgraduate Diploma in Interactive Media)</p> <p>Will be awarded to a student who</p> <p>(i) Achieves the pass standard of 40% in each of the lecture modules;</p> <p>(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> |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <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"> • The maximum mark obtainable in a lecture module taken in the Autumn or in a Repeat Year is 40/100 (40%). • A maximum of four attempts to pass any lecture module is permitted. |

Mathematical Sciences

| HIGHER DIPLOMA IN STATISTICS (FULL-TIME) | |
|---|--|
| Time: | 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. |
| Modules: | Students take 60 credits of taught modules – as outlined at: http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page05.html |
| Marks Maxima: | 100 per 5 credit module, 200 per 10 credit module. Total Marks 1200. |
| Distribution of Marks: | 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> (www.ucc.ie/academic/modules/). |
| Pass Standard (module level): | The pass standard for each module is 40%. |
| Pass Standard (programme level): | 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). |
| Honours: (If applicable) | Honours for the Higher Diploma are awarded 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 744/1200 marks (i.e. 62% and above) Second Class Honours Grade II: an aggregate of at least 660/1200 marks (i.e. 55% and above) Third Class Honours: 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. |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption. |

| | |
|-----------------------------------|--|
| Supplemental Examinations: | 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%) |
| Three Year Rule: | Candidates must pass within 3 academic years of the date of first registration for the programme; otherwise they cannot continue in the programme. |

| HIGHER DIPLOMA IN STATISTICS (PART-TIME) | |
|---|--|
| Time: | 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. |
| Modules: | Students take 25 credits of taught modules in Year 1 and 35 credits of taught modules in Year 2 – as outlined at: http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page05.html |
| Marks Maxima: | 100 per 5 credit module, 200 per 10 credit module. Total Marks 500 in Year 1 and 700 in Year 2. |
| Distribution of Marks: | 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> (www.ucc.ie/academic/modules/). |
| Pass Standard (programme level): | 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. |
| Honours: (If applicable) | Regulations are as for the Higher Diploma in Statistics (Full-Time). |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 2 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | 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. |
| Three Year Rule: | 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. |
|--|--|

| MSC QUALIFYING EXAMINATION (MATHEMATICS) | |
|---|---|
| Time: | 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. |
| Distribution of Marks: | 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. |
| Qualifying Standard: | 55% |

| MSC ACTUARIAL SCIENCE | |
|------------------------------|--|
| Time: | <p>Part 1:</p> <p>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>Part 2:</p> <p>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</p> |

| | |
|--|--|
| | <p>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> |
| Modules: | <p>Students take 90 credits of modules as outlined in the College Calendar: http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#actuarial</p> |
| Marks Maxima: | <p>100 per five credit module, 200 per ten credit module, 300 per fifteen credit module. 400 per twenty credit module.</p> |
| Distribution of Marks: | <p>Taught modules: 1400 marks Research project: 400 marks Total: 1800 marks (Part 1 = 1200 marks, Part 2 = 600 marks)</p> |
| Pass Standard (module level): | <p>The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules, (www.ucc.ie/academic/modules/).</p> |
| Pass and Progression (programme level): | <p>MSc in Actuarial Science</p> <p>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</p> <p>(ii) pass all 60 credits of these taught modules.</p> |
| Degree Award: | <p>To pass and receive an <i>MSc in Actuarial Science</i> students must:</p> <p>Pass all 90 credits of modules.</p> |
| Honours: | <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>First Class Honours: an aggregate of at least 1260/1800 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade 1: an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade 2: an aggregate of at least 900/1800 marks (i.e. 50% and above but less than 60%)</p> <p>Pass: an aggregate of at least 720/1800 marks (i.e. 40% and above but less than</p> |

| | |
|---|---|
| | <p>50%)</p> <p>Postgraduate Diploma in Actuarial Science</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>First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade 2: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p>Pass: an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 50%)</p> |
| <p>Postgraduate Diploma in Actuarial Science Exit Award:</p> | <p>Postgraduate Diploma in Actuarial Science:</p> <p>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"> (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 (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). |
| <p>Exemptions:</p> | <p>All passed modules carry an exemption, which is limited to a period of 1 academic year subsequent to the award of the exemption.</p> |
| <p>Supplemental Examinations:</p> | <ul style="list-style-type: none"> ○ Please refer to the Book of Modules (www.ucc.ie/academic/modules) for requirements governing the Supplemental Examination, if any, for individual modules. ○ 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 |

| | |
|--|--|
| | <p>Examination, where there is provision to do so and if not disallowed by the Examination Board.</p> <ul style="list-style-type: none"> ○ Marks from all passed modules are carried forward to the Supplemental Examination. ○ There is provision for repeating failed departmental tests. The mark for the portfolio element of Continuous Assessment is carried forward on failed modules. ○ 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. |
| Repeat Year Examinations: | Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year. |
| Three Year Rule (or other rule to apply): | Candidates must pass within 2 academic years of the date of first registration for the programme; otherwise they cannot continue in the programme. |

| MSc Financial and Computational Mathematics | |
|--|---|
| Time: | <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> |
| Modules: | Candidates take modules to the value of 90 credits, as detailed at: http://www.ucc.ie/calendar/postgraduate/Masters/science |
| Marks Maxima: | <p>100 marks per 5 credit module; 200 marks per 10 credit module, 600 marks per 30 credit module.</p> <p>Total Marks:1800</p> |
| Distribution of Marks: | Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) |

MSc Financial and Computational Mathematics

| | |
|--|---|
| <p>Pass Standard (module level):</p> | <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>, (www.ucc.ie/academic/modules/).</p> <p>In cases where a fail mark of not more than 5 percentage points below the pass standard has been returned for a dissertation, the Examination Board may, on the recommendation of the School, agree to permit the student to make amendments to achieve the pass standard for the Dissertation, within six weeks of the publication of examination results. In such cases a judgement of 'Pending' will be recorded for the dissertation.</p> <p>Following resubmission of the dissertation, the Supervisor will confirm to the SREO that ALL amendments have/have not been made and forward details of both the amended Mark and Judgement, as approved by the Supervisor and Examiner(s), to be recorded. Following approval by the Chair of the original Examination Board and the Head of the appropriate Department/School, the student record will be amended accordingly.</p> <p>Where a student fails to resubmit the dissertation within the six-week period, the Supervisor will notify the SREO of same, following which, the 'Pending' judgement previously recorded will be adjusted to a 'Fail' judgement."</p> |
| <p>Pass and Progression Standard (programme level):</p> | <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> |
| <p>Exit Award Postgraduate Diploma in Financial and Computational Mathematics</p> | <p>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.</p> |

MSc Financial and Computational Mathematics

Honours (MSc and Postgraduate Diploma):

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

The grade of honours shall be determined as follows:

First Class Honours:

An aggregate of not less than 1260/1800 marks (i.e 70% and above)

Second Class Honours Grade 1:

An aggregate of not less than 1080/1800 marks (60% and above but less than 70%).

Second Class Honours Grade 2:

An aggregate of not less than 900/1800 (50% and above but less than 60%).

Pass:

An aggregate of not less than 720/1800 (40% and above but less than 50%)

Postgraduate Diploma in Financial and Computational Mathematics

Honours will be awarded on the basis of the overall aggregate mark:

First Class Honours:

An aggregate of not less than 840/1200 marks (i.e. 70% and above)

Second Class Honours Grade 1

An aggregate of not less than 720/1200 marks (60% and above but less than 70%)

| MSc Financial and Computational Mathematics | |
|--|--|
| | <p>Second Class Honours Grade 2:</p> <p>An aggregate of not less than 600/1200 marks (50% and above but less than 60%).</p> <p>Pass:</p> <p>An aggregate of not less than 480/1200 (40% and above but less than 50%).</p> |
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none"> ○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules) for requirements governing the Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for the Research Dissertation (MB6016).</i> ○ 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. ○ 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 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. |

| MSC MATHEMATICAL MODELLING AND SELF-LEARNING SYSTEMS | |
|---|---|
| Time: | 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 (AM6018) 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). |
| Modules: | Part 1: Students take 60 credits; |

| MSC MATHEMATICAL MODELLING AND SELF-LEARNING SYSTEMS | |
|---|---|
| | Part 11: Research Dissertation (AM6018) (30 credits) as detailed at http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#4 |
| Marks Maxima: | 100 per five credit module, 200 per ten credit module, 600 per 30 credit module: Total Marks: 1800. |
| Distribution of Marks: | 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> , (www.ucc.ie/academic/modules). |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | 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 AM6018) 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 |
| Exit Award: Postgraduate Diploma in Mathematical Modelling and Self Learning Systems | 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. |

| MSC MATHEMATICAL MODELLING AND SELF-LEARNING SYSTEMS | |
|---|---|
| Honours: | <p>MSc in Mathematical Modelling and Self-learning Systems</p> <p>Honours will be awarded on the basis of the overall aggregate mark:</p> <p>First Class Honours: an aggregate of at least 1260/1800 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade 1: an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade 2: an aggregate of at least 900/1800 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class Honours: an aggregate of at least 810/1800 marks (i.e. 45% and above but less than 50%)</p> <p>Pass: an aggregate of at least 760/1800 marks (i.e. 40% and above but less than 45%)</p> <p>Postgraduate Diploma in Mathematical Modelling and Self-learning Systems:</p> <p>Honours will be awarded on the basis of the overall aggregate mark:</p> <p>First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade 2: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)</p> <p>Pass: an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 45%)</p> |
| Supplemental Examinations: | <ul style="list-style-type: none"> o Please refer to the Book of Modules (www.ucc.ie/academic/modules) for requirements governing the Supplemental Examination for individual modules. Note: for some modules there is no Supplemental Examination. 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. |

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

MICROBIOLOGY

| <u>MSC BIOINFORMATICS AND COMPUTATIONAL BIOLOGY</u> | |
|--|---|
| Time: | <p>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.</p> <p>Marks for the Dissertation will be submitted to the Autumn Examination Board, with no Supplemental Examination.</p> |
| Modules: | Candidates take modules to the value of 90 credits, as detailed at: http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#bioinformatics |
| Marks Maxima: | <p>100 marks per 5 credit module; 200 marks per 10 credit module, 600 marks per 30 credit module.</p> <p>Total Marks:1800</p> |
| Distribution of Marks: | <p>Taught Modules: 1200 marks</p> <p>Research Dissertation: 600 marks</p> <p>Total Marks: 1800</p> <p>Written Examinations may include Continuous Assessment and Practical Elements where applicable.</p> |

MSc BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

| | |
|---|--|
| | Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) |
| Pass Standard (module level): | The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , (www.ucc.ie/academic/modules/). |
| Pass and Progression Standard (programme level): | <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>Postgraduate Diploma in Bioinformatics and Computational Biology:</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> |
| MSc Degree Award: | <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> |
| Honours (MSc and Postgraduate Diploma): | <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> |

MSC BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

| | |
|-----------------------------------|--|
| Exemptions: | All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption. |
| Supplemental Examinations: | <ul style="list-style-type: none">○ Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules) for requirements governing the Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for the Research Dissertation (MB6303).</i>○ 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.○ 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 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. |
| Repeat Year Examinations: | Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Honours in a Repeat Year. |

PHD

| | |
|---|--|
| | PHD (CANCER BIOLOGY) |
| | First University Examination |
| Time: | 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. |
| Modules: | Students take modules to the value of 75 credits and complete research to an equivalent workload of 15 credits : http://www.ucc.ie/calendar/postgraduate/Doctor/page017.html |
| Marks Maxima: | 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. |
| Distribution of Marks: | Assessment details for individual modules are contained in the <i>Book of Modules</i> http://www.ucc.ie/modules/ |
| Pass Standard (module level): | The pass standard for each module is 50%. Special requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , http://www.ucc.ie/modules/ |
| Pass and Progression Standard (programme level): | 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). |
| Supplemental Examinations: | 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. |

| | |
|-----------------|--|
| | Second University Examination |
| Time: | Marks will be forwarded to the PhD Scholars Programme in Cancer Biology Autumn Examinations Board. |
| Modules: | Students take one module, CB7007, to the value of 5 credits and complete thesis research to the equivalent workload of 85 credits: |

| Second University Examination | |
|---|---|
| | http://www.ucc.ie/calendar/postgraduate/Doctor/page017.html |
| Marks Maxima: | 100 per 5 credit module. Totals marks: 100. |
| Distribution of Marks: | Assessment details for individual modules are contained in the <i>Book of Modules</i> http://www.ucc.ie/modules/ |
| Pass Standard (module level): | The pass standard for each module is 50%. Special requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , http://www.ucc.ie/modules/ |
| Pass and Progression Standard (programme level): | 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. |

| Third University Examination | |
|---|---|
| Time: | Marks will be forwarded to the PhD Scholars Programme in Cancer Biology Autumn Examinations Board. |
| Modules: | Students take one module, CB7008, to the value of 5 credits and complete thesis research to the equivalent workload of 85 credits: http://www.ucc.ie/calendar/postgraduate/Doctor/page017.html |
| Marks Maxima: | 100 per 5 credit module. Total marks: 100. |
| Distribution of Marks: | Assessment details for individual modules are contained in the <i>Book of Modules</i> http://www.ucc.ie/modules/ |
| Pass Standard (module level): | The pass standard for each module is 50%. Special requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , http://www.ucc.ie/modules/ |
| Pass and Progression Standard (programme level): | 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. |

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

| | |
|---|---|
| | PHD (MOLECULAR CELL BIOLOGY) |
| | First University Examination These Marks & Standards relate to the taught elements of the PhD |
| Time: | 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. |
| Modules: | Students take modules to the value of 80 credits and complete research to an equivalent workload of 10 credits http://www.ucc.ie/calendar/postgraduate/Doctor/page021.html |
| Marks Maxima: | 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. |
| Distribution of Marks: | Assessment details for individual modules are contained in the Book of Modules http://www.ucc.ie/modules/ |
| Pass Standard (module level): | 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, http://www.ucc.ie/modules/ |
| Pass and Progression Standard (Programme level): | 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. |
| Supplemental Examinations: | 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. |
| MSc in Applied Molecular Cell Biology: | 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. |

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

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

| Third University Examination | |
|-------------------------------------|--|
| (programme level): | |
| Supplemental Examinations: | 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. |

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

| PHD IN MICROBIAL BIOTECHNOLOGY | |
|---------------------------------------|--|
| Time: | 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. |
| Modules: | Over the course of the first three years of the PhD, students take modules to a total value of 80 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 45 credits of core modules [MB7001, MB7002, MB7003; PG6015 ; LW6104], 20 credits must be in the <i>Skills and Knowledge relevant to the Discipline</i> category, 10 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 190 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. |
| Marks Maxima: | 100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1500. |
| Distribution of Marks: | Assessment details for individual modules are contained in the Book of Modules (https://www.ucc.ie/admin/registrar/modules/). |

| | |
|---|---|
| <i>Pass Standard (module level):</i> | The pass standard for each module is as defined in the Book of Modules (https://www.ucc.ie/admin/registrar/modules/). |
| <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"> (1) demonstrate satisfactory progress in their research in a progress review (2) demonstrate satisfactory progress in implementing the training programme agreed in the student's Personal Career Development Plan (PCDP) (3) have passed a minimum of 15 credits of taught modules in that year <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"> (1) have performed research to an equivalent workload of at least 190 credits (2) have passed modules to the value of 80 credits, including core modules and an appropriate distribution of electives as listed in the College Calendar (3) have received a satisfactory appraisal having spent a minimum of 6 months performing research in the laboratory of another academic institution outside of Ireland (4) have received a satisfactory appraisal of research progress from the progress review panel at the end of the third year |
| <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> (www.ucc.ie/academic/modules/) 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 |