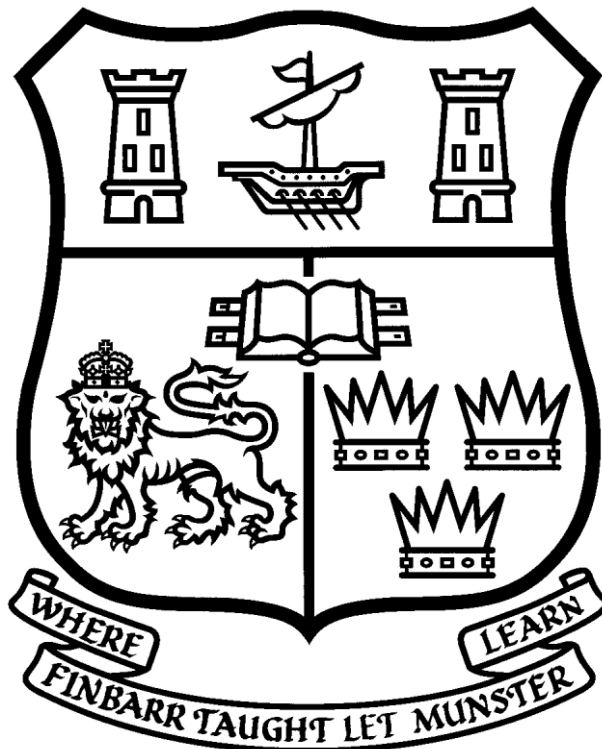


UNIVERSITY COLLEGE CORK



MARKS AND STANDARDS EXAMINATIONS 2016

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GENERAL REGULATIONS GOVERNING ALL EXAMINATIONS

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

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

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

Absence from an Examination in a Module:

- Registration at the beginning of an academic year constitutes entry for Examinations.
- A student who is prevented for medical reasons or other personal circumstances from attending all or part of the Examination, and who has not withdrawn from the programme, should submit to the Registrar and Senior Vice-President for Academic Affairs a full report (including a medical certificate) or a full report setting out the other personal circumstances as soon as possible and not more than three days following his/her last Examination, for consideration by the Board of Examiners. Students who are pregnant may defer the entire examination to the Autumn.
- Where a student fails to present for an End of Semester Examination in a module, a judgement of "Absent" is recorded for that module. "Absent" is counted as an attempt at an examination. Where a module is examined by a combination of Continuous Assessment and End of Semester Written Examination, and the student does not present for the End of Semester Examination, an "Absent" judgement is recorded. The mark recorded for the module is then based on the mark for Continuous Assessment and a zero mark for the written component, using the rules for obtaining the overall module mark which pertain to the module in question. Where a module is assessed wholly by Continuous Assessment, and the student presents no work, a "Presented No Work" judgement is recorded.

Supplemental Examinations: Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Supplemental Examinations for Semester 3 will be held in December (Winter). Please refer to the Book of Modules (www.ucc.ie/academic/modules/) 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

	BSc (HONS) DEGREE
	FIRST 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/sci002.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):	<p>To pass First Year and progress to Second Year, a candidate <u>must</u>:</p> <p>(i) obtain an overall aggregate pass of 40% (i.e. 480/1200 marks) across all modules</p> <p>(ii) For CK401 Computer Science CK401 (Single Honours) and Computer Science pass modules to the value of at least 45 credits For CK402 Biological and Chemical Sciences pass modules to the value of at least 50 credits NOTE: To progress to Second Year Chemistry degree programmes, students must pass the modules.CM1200 and CM1201 For CK404 Biological, Earth and Environmental Sciences pass modules to the value of at least 45 credits.</p> <p>NOTE: to progress to Second year International Field Geosciences degree programme, students must pass the modules GL1001, GL1004, MA1001, CM1003 and PY1009</p> <p>For CK405 Genetics pass modules to the value of at least 45 credits. For CK406 Chemical Sciences pass modules to the value of at least 50 credits. NOTE: To progress to Second Year Chemistry degree programmes, students must pass the modules.CM1200 and CM1201 For CK407 Mathematical Sciences pass modules to the value of at least 50 credits. For CK408 Physics and Astrophysics pass modules to the value of at least 45 credits.</p> <p>(iii) obtain a mark of not less than 30% in any remaining module(s).</p>
Honours:	Honours grades will not be awarded in the First University Examination in Science, for CK401, CK404, CK406, CK407 and CK408.

	BSc (HONS) DEGREE
	FIRST UNIVERSITY EXAMINATION in SCIENCE
	<p>For CK402 Biological and Chemical Sciences, students are eligible for the award of honours on the aggregate mark for the year over the Winter, Summer and Autumn Supplemental Examinations, provided the student has passed the year.</p> <p>Honours Standard for the year shall be determined as follows: First Class Honours: An aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: An aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: An aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class: aggregate of at least 540/1200 marks (i.e.45%), and above but less than 50%)</p>
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.
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 board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. • The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules. • Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.
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 First Year, otherwise they cannot continue in the programme.

	BIOLOGICAL SCIENCES
	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, 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%)
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

	BIOLOGICAL SCIENCES
	SECOND UNIVERSITY EXAMINATION in SCIENCE
	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 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 Note: for BSc Physiology Degree, students must obtain an aggregate pass of 320/800 (40%) across all 8 Physiology 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.
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: 70% - 100% (i.e. at least 70% of the total marks for the module) Second Class Honours Grade I: 60% - 69% (i.e. at least 60% of the total marks for the module) Second Class Honours Grade II: 50% - 59% (i.e. at least 50% of the total marks for the module) Third Class Honours: 45- 49% (i.e. at least 45% of the total marks for the module)
Carrying Forward of Marks Towards the Final Degree Award:	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) and (ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science. Note: for the BSc Physiology 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.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.

THIRD UNIVERSITY EXAMINATION in SCIENCE	
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:	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the <i>first Repeat Year only</i>. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i> 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>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>
Three Year Rule:	<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 (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: 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 consists of 40 credits of taught modules and a 20 credit Research Project module.</p> <p>See http://www.ucc.ie/academic/calendar/science/sci003.html</p>
Marks Maxima:	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module; 400 per twenty 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 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 (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:	<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>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>Honours are awarded in individual modules as follows: First Class Honours: 70% - 100% (i.e. at least 70% of the total marks for the module) Second Class Honours Grade I: 60% - 69% (i.e. at least 60% of the total marks for the module) Second Class Honours Grade II: 50% - 59% (i.e. at least 50% of the total marks for the module) Third Class Honours: 45- 49% (i.e. at least 45% of the total marks for the module)</p>
Carrying Forward of Marks Towards the Final Degree Award:	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project and

BSc (Hons) DEGREE EXAMINATION	
	<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, 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>
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 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 <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 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> 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>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>
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.

BSc (HONS) DEGREE EXAMINATION in Ecology, Environmental Plant Biotechnology 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%) Second Class Grade II: aggregate of at least 600 / 1200 marks (i.e. 50%) Third Class: aggregate of at least 540 / 1200 marks (i.e. 45%)
Carrying Forward of Marks Towards the Final Degree Award:	The Degree result is awarded on the aggregate mark of (i) 30% of the aggregate mark of all modules taken in the Third Examination in Science <u>and</u> (ii) 70% of the aggregate mark of all modules taken in the BSc Honours degree Examination
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 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

BSc (HONS) DEGREE EXAMINATION in Ecology, Environmental Plant Biotechnology and Zoology	
	<p>forward in passed modules and marks obtained in repeated modules.</p> <ul style="list-style-type: none"> 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.
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. <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 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, 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 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>
Three Year Rule:	<p>Candidates must pass within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.</p>

CIT/UCC JOINT BSC (HONS) IN BIOMEDICAL SCIENCE

PROGRAMME MARKS AND STANDARDS

APPLICABILITY AND INTERPRETATION

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

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

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

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

GLOSSARY OF TERMS

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

GENERAL REGULATIONS GOVERNING CREDIT AND AWARDS

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

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

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

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

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

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

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

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

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

5. Composition of the Examination Board:

The membership of the Examination Board shall be as follows:

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

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

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

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

Difference of Opinion at an Examination Board:

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

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

Confidentiality and Issuing of Results:

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

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

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

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

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

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

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

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

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

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

	BIOMEDICAL SCIENCE
	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%)
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. 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%)
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:	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. Students are eligible for the award of honours in the first Repeat Year only. (1) A student may retain exemptions, if any, and repeat all failed/absent modules. In order to pass and progress, a candidate must achieve a pass mark in each examined module. A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Summer Examination of the first attempt year and capped marks at Supplemental and Repeat Year Examinations, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours.

SECOND UNIVERSITY EXAMINATION IN SCIENCE	
	(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply. In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).
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 Final Degree Award:	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) and (ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science 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 (i) the 4th year project (15 credits) and (ii) the best marks from modules to the value of 90 credits out of the remaining 100 credits taken in Third and Fourth Science.
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

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	will be recorded on the student record.
<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. 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>
<i>Three Year Rule:</i>	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/).
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:	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: To achieve a grade of award, this aggregate must reach or exceed the borderline for the grade or be within the range indicated with at least half of the credits evaluated being attained in or above the grade of award. First Class: aggregate of at least 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. 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. 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.
Carrying Forward of Marks Towards the Final Degree Award:	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) and (ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science.
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. Capping of Marks at a Supplemental Examination: In determining aggregation and

	BSc (Hons) DEGREE EXAMINATION
	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. 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 within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	CHEMISTRY
	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/academic/calendar/science/sci004.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 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 must: (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain an aggregate pass of 320/800 marks (40 %.) across all 8 Chemistry modules . (iii) pass modules to the value of at least 50 credits. (iv) obtain a mark of not less than 30% in any remaining module(s)
Honours:	Honours for the year are awarded on the aggregate mark for the 8 Chemistry modules, provided that the student has passed overall. Honours are awarded as follows: First Class Honours: an aggregate of at least 560/800 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 480/800 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 400/800 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 360/800 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	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).
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

	CHEMISTRY
	SECOND UNIVERSITY EXAMINATION in SCIENCE
	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> <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 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> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade. <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
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 : http://www.ucc.ie/academic/calendar/science/sci004.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 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 Third Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s). Students who pass the Third University Examination in Science (Chemistry) and who qualify to proceed into Fourth Science may opt instead to be conferred with a BSc Ordinary degree.
Honours:	Honours for the year are awarded on the overall aggregate, provided that the student has passed overall. Honours 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 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The degree is awarded on the aggregate mark of (i) 15% of the aggregate mark of the eight core Chemistry modules taken in the Second Examination in Science (CM2001-8) (maximum 120 marks) (ii) 30% of the aggregate mark for Third Examination in Science (maximum 360 marks) and (iii) 60% of the BSc (Hons) Degree Examination mark (maximum 720 marks).
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

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	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. <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, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. 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>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>
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:	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/academic/calendar/science/sci004.html
Marks Maxima:	100 per five-credit module; 200 per ten-credit module; 300 per 15-credit module; 400 per twenty-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) obtain an overall aggregate pass of 360/900 marks (40%.) across all 8 Chemistry lecture modules (iii) pass the Research Projects module (CM4206) (iv) pass modules to the value of at least 50 credits (including the Projects module CM4206) (v) obtain a mark of not less than 30% in any remaining modules.
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%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award	The degree is awarded on the aggregate mark of (i) 15% of the aggregate mark of the eight core Chemistry modules taken in the Second Examination in Science (CM2001-8) (maximum 120 marks) (ii) 30% of the aggregate mark for Third Examination in Science (maximum 360 marks) and (iii) 60% of the BSc (Hons) Degree Examination mark (maximum 720 marks).
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 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

BSc (Hons) DEGREE EXAMINATION	
	<p>recorded on the student record.</p> <p>If the Research Project module (CM4206) is failed then this cannot be repeated at the Autumn Supplemental Examination but must be re-taken in a Repeat Year. (Full details are contained in the <i>Book of Modules</i>).</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 first Repeat Year only. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade. <p>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>
Three Year Rule:	<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>

	CHEMISTRY WITH FORENSIC SCIENCE
	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 as follows: http://www.ucc.ie/calendar/science/sci012b.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 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 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:	Honours are awarded on the overall aggregate, provided that all modules are passed, as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours (where awarded): an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
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 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>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 30% in the Continuous Assessment component of assessment. (Full details are contained in the Book of Modules).</i></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 Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <p><u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p>
<p>Three Year Rule:</p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for <i>Second</i> Year, otherwise they cannot continue in the programme.</p>

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 as follows: http://www.ucc.ie/calendar/science/sci012b.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 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 Third Year and progress to Fourth Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain a pass in modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s). Students who pass the Third University Examination in Science (Chemistry with Forensic Science) may opt to be conferred with a BSc Ordinary degree.
Honours:	Honours are awarded on the overall aggregate, provided that all modules are passed, as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours (where awarded): an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	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).
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 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>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 30% in the Continuous Assessment component of assessment. (Full details are contained in the Book of Modules).</i></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 Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <p><u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p>
<p>Three Year Rule:</p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for <i>Second</i> Year, otherwise they cannot continue in the programme.</p>

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:	Students take modules to the value of 60 credits as follows: http://www.ucc.ie/calendar/science/sci012b.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 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 Research Project module (CM4207) (iii) pass modules to the value of at least 50 credits (including the Research Project module CM4207) (iv) obtain a mark of not less than 30% in any remaining modules.
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 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours (where awarded): an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award	The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Third University Examination in Science (maximum 240 marks) <u>and</u> (ii) 80% of the BSc Honours Degree Examination mark (maximum 960 marks).
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 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>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 30% in the Continuous Assessment component of assessment. (Full details are contained in the Book of Modules).</i></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 Board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <p><u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p>
<p>Three Year Rule:</p>	<p>Candidates must pass/progress within 3 academic years of the date of first registration for <i>Second Year</i>, otherwise they cannot continue in the programme.</p>

	CHEMISTRY OF PHARMACEUTICAL COMPOUNDS
	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/sci005.html
Marks Maxima:	100 per five-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 Second Year and progress to Third Year, a candidate must : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours for the year are awarded on the overall aggregate, provided that all modules are passed, as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
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"> ○ 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><i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the Continuous Assessment component of assessment. (Full details are contained in the Book of Modules).</i></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 in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules in a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules in the Repeat Year. Modules taken at the Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p>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 programme.</p>

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, 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/sci005.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 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 Third Year and progress to Fourth Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) obtain a pass in modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s). Students who pass the Third University Examination in Science – Chemistry of Pharmaceutical Compounds may opt to be conferred with a BSc Ordinary degree.
Honours:	Honours for the year are awarded on the overall aggregate, provided that all modules are passed, as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Third University Examination in Science, adjusted by 1000/1200 (as the Total Marks for Third University Examination in Science is 1200, whereas the Total Marks for the BSc (Hons) Degree Examination is 1000), that is, 16.67% of the aggregate mark from the Third University Examination in Science (maximum 200 marks), (ii) 80% of the BSc (Hons) Degree Examination mark (maximum 800 marks).
Exemptions:	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:</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 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. <i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the Continuous Assessment component of assessment. (Full details are contained in the Book of Modules).</i>
<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. <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, progression, and the calculation of the award of honours, full marks obtained in modules passed in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules in a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules in the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p>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 (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, 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/academic/calendar/science/sci005.html
Marks Maxima:	100 per five-credit module; 200 per ten-credit module. Total marks: 1000; Pass/Fail on the work placement module CM4204 (10 credits).
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 Fourth Year a candidate <u>must</u> : (i) obtain an overall aggregate pass of 400/1000 marks (40%) across the nine taught modules (ii) pass Research Project module or modules to the value of 10 credits (iii) pass modules to the value of at least 50 credits (including the Research Project modules) (iv) obtain a mark of not less than 30% in any remaining module. (v) pass the work placement module.
Honours:	Honours are awarded on the overall aggregate as follows: First Class Honours: an aggregate of at least 700/1000 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 450/1000 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The degree is awarded on the aggregate mark of (i) 20% of the aggregate mark from the Third University Examination in Science, adjusted by 1000/1200 (as the Total Marks for Third University Examination in Science is 1200, whereas the Total Marks for the BSc (Hons) Degree Examination is 1000), that is, 16.67% of the aggregate mark from the Third University Examination in Science (maximum 200 marks), (ii) 80% of the BSc (Hons) Degree Examination mark (maximum 800 marks).
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"> ○ 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 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 and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record. ○ If any of the Research Project modules are failed then this cannot be repeated at the Autumn Supplemental Examination but must be re-taken in a Repeat Year. (Full details are contained in the <i>Book of Modules</i>). ○ If the work placement module is failed then this cannot be repeated at the Autumn Supplemental. Students will have to repeat this module following the final examination in order to pass and graduate.
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. <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, progression, and the calculation of the award of honours, full marks obtained in modules passed in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules in a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules in the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
Three Year Rule:	<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>

	CHEMICAL PHYSICS
	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/sci014.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 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 modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours are awarded on the overall aggregate: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours (where awarded): an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award	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).
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"> ○ 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 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><i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the practical component of the Continuous Assessment component of assessment. (Full details are contained in the Book of Modules).</i></p>
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

	CHEMICAL PHYSICS
	SECOND UNIVERSITY EXAMINATION IN SCIENCE
	<p>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 in the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
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 : http://www.ucc.ie/calendar/science/sci014.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 Year Written Examination Profile) for individual modules are contained 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: (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:	Honours are awarded on the overall aggregate: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
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"> ○ 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 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><i>Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the practical component of the Continuous Assessment component of assessment. (Full details are contained in the Book of Modules).</i></p>
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.
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.

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:	Students take modules to the value of 60 credits : http://www.ucc.ie/academic/calendar/science/sci014.html
Marks Maxima:	100 per five-credit module; 200 per ten-credit module; 400 per twenty-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 pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all 8 modules (ii) pass the Research Project modules (CY4002 and CY4003) (iii) pass modules to the value of at least 50 credits (including the Research Project modules CY4002 and CY4003) (iv) obtain a mark of not less than 30% in any remaining modules.
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%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award	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).
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:	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 must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules. o Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record. If either of the Research Project modules (CY4002 and CY4003) is failed, then this cannot be repeated at the Autumn Supplemental Examination but must be re-taken in a Repeat Year. (Full details are contained in the <i>Book of Modules</i>).
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

BSc (Hons) DEGREE EXAMINATION	
	<p>honours in the first Repeat Year only. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules 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>
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.

	COMPUTER SCIENCE
	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 as follows: http://www.ucc.ie/academic/calendar/science/sci006.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 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) 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).
Honours:	Honours for the year 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%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The final Computer Science mark is calculated as follows: (i) Second Science and Third Science Computer Science marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200 NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
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 Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i> o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the

	COMPUTER SCIENCE
	SECOND UNIVERSITY EXAMINATION in SCIENCE
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> 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 under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. Note: Students are eligible for the award of Honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year. 2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade. <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
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:	Examination of modules taught in Period 2 will take place during scheduled teaching hours. Marks for all these modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The Examinations in CS3300 & CS3301, the Work Placement modules, will be held in Winter following the placement period and marks will be presented to the Winter Examination Board.
Modules:	Students take modules to the value of 60 credits : http://www.ucc.ie/academic/calendar/science/sci006.html
Marks Maxima:	100 per 5 credit module; 200 per 10 credit module; 300 per 15 credit module. Total Marks: 1000. (Note: CS3300/CS3301 is assessed on a Pass/Fail basis.)
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 Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 400/1000 marks (40%.) across all modules, excluding CS3300/CS3301 (ii) pass modules to the value of at least 40 credits excluding CS3300/CS3301 (iii) obtain a mark of not less than 30% in any remaining module(s). CS3300/CS3301 will contribute to the final degree result on a Pass/Fail basis and must be passed to qualify for an honours grade in the degree. CS3300/CS3301 cannot be repeated and students who fail will be eligible only for a BSc Ordinary degree
Honours:	Honours for the year are awarded on the aggregate mark as follows: First Class Honours: an aggregate of at least 700/1000 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 450/1000 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The final Computer Science mark is calculated as follows: (i) Marks from the Second Third University Examinations in Science, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200. NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
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

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	<p>modules. <i>Note: For some modules there is no Supplemental Examination.</i></p> <ul style="list-style-type: none"> o Students who fail to achieve the pass standard for the year at the Spring Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. 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 under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat Year only.</i></p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. <i>Note: CS3300/CS3301 cannot be repeated and students who fail will be eligible only for Pass grade in the BSc (Hons) Degree.</i> In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Spring Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examination of a Repeat Year.</i> 2. Students who pass CS3300/CS3301 may repeat the year taking the remaining 50 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Spring Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students who have passed CS3300/CS3301 – whether they have failed or passed the remaining 50 credits – 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>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
Three Year Rule:	<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 (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:	Students take 60 credits as follows: http://www.ucc.ie/calendar/science/sci006.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 pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass the Computer Science Research Project (CS4501 - 15 credits) (iii) pass modules to the value of at least 50 credits (including the Computer Science Project CS4501) (iv) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours for the degree can only be awarded to a student: (i) passing of the BSc (Hons) Degree Examination and (ii) who has passed a Work Placement module (CS3300 or CS3301). Honours are awarded on the basis of the final Computer Science mark (see under 'Carrying Forward of Marks Towards the Final Degree Award' below) as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours (where awarded): an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The final Computer Science mark is calculated as follows: (i) Second Science and Third Science Computer Science marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
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 Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i> o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the

BSc (Hons) DEGREE EXAMINATION	
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> ○ 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. ○ If the Project module (CS4501) is failed then this must be re-taken in a Repeat Year.
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. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade. <p>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>
Three Year Rule:	<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>

	COMPUTER SCIENCE (WEB SYSTEMS ENGINEERING)
	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 as follows: http://www.ucc.ie/academic/calendar/science/sci006.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 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) obtain a pass in modules to the value of at least 50 credits (iv) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours for the year 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%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The final Computer Science mark is calculated as follows: (i) Second Science and Third Science Computer Science marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200 NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
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 Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i> o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the

	COMPUTER SCIENCE (WEB SYSTEMS ENGINEERING)
	SECOND UNIVERSITY EXAMINATION in SCIENCE
	<p>Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> 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 under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. Note: Students are eligible for the award of Honours in the first Repeat Year only.</p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year. 2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students – whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade. <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
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:	Examination of modules taught in Period 2 will take place during scheduled teaching hours. Marks for all these modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The Examinations in CS3300 & CS3301, the Work Placement modules, will be held in Winter following the placement period and marks will be presented to the Winter Examination Board.
Modules:	Students take modules to the value of 60 credits : http://www.ucc.ie/academic/calendar/science/sci006.html
Marks Maxima:	100 per 5 credit module; 200 per 10 credit module; 300 per 15 credit module. Total Marks: 1000. (Note: CS3300/CS3301 is assessed on a Pass/Fail basis.)
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 Third Year and progress to Fourth Year, a candidate must: (iv) obtain an overall aggregate pass of 400/1000 marks (40%.) across all modules, excluding CS3300/CS3301 (v) pass modules to the value of at least 40 credits excluding CS3300/CS3301 (vi) obtain a mark of not less than 30% in any remaining module(s). CS3300/CS3301 will contribute to the final degree result on a Pass/Fail basis and must be passed to qualify for an honours grade in the degree. CS3300/CS3301 cannot be repeated and students who fail will be eligible only for a BSc Ordinary degree
Honours:	Honours for the year are awarded on the aggregate mark as follows: First Class Honours: an aggregate of at least 700/1000 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 450/1000 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The final Computer Science mark is calculated as follows: (i) Marks from the Second Third University Examinations in Science, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200. NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
Supplemental Examinations:	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

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	<p>requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></p> <ul style="list-style-type: none"> o Students who fail to achieve the pass standard for the year at the Spring Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. 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 under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat Year only.</i></p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. <i>Note: CS3300/CS3301 cannot be repeated and students who fail will be eligible only for Pass grade in the BSc (Hons) Degree.</i> In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Spring Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examination of a Repeat Year.</i> 2. Students who pass CS3300/CS3301 may repeat the year taking the remaining 50 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Spring Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students who have passed CS3300/CS3301 – whether they have failed or passed the remaining 50 credits – 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>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
Three Year Rule:	<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 (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:	Students take 60 credits as follows: http://www.ucc.ie/calendar/science/sci006.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 pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass the Computer Science Research Project (CS4502 - 15 credits) (iii) pass modules to the value of at least 50 credits (including the Computer Science Project CS4502) (iv) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours for the degree can only be awarded to a student: (i) passing of the BSc (Hons) Degree Examination and (ii) who has passed a Work Placement module (CS3300 or CS3301). Honours are awarded on the basis of the final Computer Science mark (see under 'Carrying Forward of Marks Towards the Final Degree Award' below) as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours (where awarded): an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%) .
Carrying Forward of Marks Towards the Final Degree Award:	The final Computer Science mark is calculated as follows: (i) Second Science and Third Science Computer Science marks, each scaled to a max. of 240 marks, (max. total 480 marks) and (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
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 Supplemental Examination for individual modules.

BSc (HONS) DEGREE EXAMINATION	
	<p><i>Note: for some modules there is no Supplemental Examination.</i></p> <ul style="list-style-type: none"> ○ 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 and the calculation of honours, the maximum mark that will be taken into account is a pass - ○ 40%. The actual mark achieved by the candidate will be recorded on the student record. ○ If the Project module (CS4502) is failed then this must be re-taken in a Repeat Year.
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><i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgment and associated marks will be awarded by the Examination Board.</p>
Three Year Rule:	<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>

	COMPUTER SCIENCE (SOFTWARE ENTREPRENEURSHIP)
	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 as follows: http://www.ucc.ie/academic/calendar/science/sci006.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 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) 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).
Honours:	Honours for the year 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%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The final Computer Science mark is calculated as follows: (i) Second Science and Third Science Computer Science marks, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200 NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
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 Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i> o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed

	COMPUTER SCIENCE (SOFTWARE ENTREPRENEURSHIP)
	SECOND UNIVERSITY EXAMINATION in SCIENCE
	<p>modules are carried forward to the Supplemental Examination.</p> <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. 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:</p>	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements.</p> <p>Note: Students are eligible for the award of Honours in the first Repeat Year only.</p> <p>3. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</p> <p>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> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
<p>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 programme.</p>

THIRD UNIVERSITY EXAMINATION in SCIENCE	
Time:	Examination of modules taught in Period 2 will take place during scheduled teaching hours. Marks for all these modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The Examinations in CS3300 & CS3301, the Work Placement modules, will be held in Winter following the placement period and marks will be presented to the Winter Examination Board.
Modules:	Students take modules to the value of 60 credits : http://www.ucc.ie/academic/calendar/science/sci006.html
Marks Maxima:	100 per 5 credit module; 200 per 10 credit module; 300 per 15 credit module. Total Marks: 1000. (Note: CS3300/CS3301 is assessed on a Pass/Fail basis.)
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 Third Year and progress to Fourth Year, a candidate must: (vii) obtain an overall aggregate pass of 400/1000 marks (40%.) across all modules, excluding CS3300/CS3301 (viii) pass modules to the value of at least 40 credits excluding CS3300/CS3301 (ix) obtain a mark of not less than 30% in any remaining module(s). CS3300/CS3301 will contribute to the final degree result on a Pass/Fail basis and must be passed to qualify for an honours grade in the degree. CS3300/CS3301 cannot be repeated and students who fail will be eligible only for a BSc Ordinary degree
Honours:	Honours for the year are awarded on the aggregate mark as follows: First Class Honours: an aggregate of at least 700/1000 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 450/1000 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The final Computer Science mark is calculated as follows: (i) Marks from the Second Third University Examinations in Science, <u>each</u> scaled to a max. of 240 marks, (max. total 480 marks) <u>and</u> (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200. NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
Supplemental Examinations:	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

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	<p>requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></p> <ul style="list-style-type: none"> o Students who fail to achieve the pass standard for the year at the Spring Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. 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 under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat Year only.</i></p> <ol style="list-style-type: none"> 3. Students retain exemptions, if any, and must repeat all failed/absent modules. <i>Note: CS3300/CS3301 cannot be repeated and students who fail will be eligible only for Pass grade in the BSc (Hons) Degree.</i> In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Spring Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examination of a Repeat Year.</i> 4. Students who pass CS3300/CS3301 may repeat the year taking the remaining 50 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Spring Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students who have passed CS3300/CS3301 – whether they have failed or passed the remaining 50 credits – 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>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
Three Year Rule:	<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 (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:	Students take modules to the value of 60 credits : http://www.ucc.ie/academic/calendar/science/sci006.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 pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules (ii) pass the Computer Science Research Project (CS4503- 15 credits) (iii) pass modules to the value of at least 50 credits (including the Computer Science Project CS4503) (iv) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours for the degree can only be awarded to a student: (i) passing of the BSc (Hons) Degree Examination and (ii) who has passed a Work Placement module (CS3300 or CS3301). Honours are awarded on the basis of the final Computer Science mark (see under 'Carrying Forward of Marks Towards the Final Degree Award' below) as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours (where awarded): an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%).
Carrying Forward of Marks Towards the Final Degree Award:	The final Computer Science mark is calculated as follows: (i) Second Science and Third Science Computer Science marks, each scaled to a max. of 240 marks, (max. total 480 marks) and (ii) BSc (Hons) Degree Examination mark in Computer Science scaled to a max. of 720 marks. Total Marks: 1200.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 2 academic years (or 5 in the case of modules other than Computer Science modules) subsequent to the award of the exemption.
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 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 and the calculation of honours, the maximum mark that will be taken into account is a

BSc (HONS) DEGREE EXAMINATION	
	<p>pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</p> <ul style="list-style-type: none"> ○ If the Project module (CS4503) is failed then this must be re-taken in a Repeat Year.
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><i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade. <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgment and associated marks will be awarded by the Examination Board.</p>
Three Year Rule:	<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>

	COMPUTER SCIENCE WITH CHINESE STUDIES
	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/academic/calendar/science/sci006.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 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 must: (i) obtain an overall aggregate pass of 480/1200 marks (40%.) (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours are awarded in each subject, provided both subjects are passed, on the basis of the aggregate, as follows: First Class Honours: an aggregate of at least 420/600 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 360/600 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 300/600 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 270/600 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The degree marks for Computer Science and Chinese Studies are calculated as follows: (i) Second Science and Third Science marks in both subjects, each scaled to a max. of 120 marks (max. total 240 marks per subject), and (ii) BSc (Hons) Degree Examination marks in both subjects, scaled as follows: Computer Science scaled to a max of 480 marks (if 40 credits of Computer Science modules are taken) and Chinese Studies scaled to a max of 240 marks or Computer Science scaled to a max of 420 marks (if 35 credits of Computer Science modules are taken) and Chinese Studies scaled to a max of 300 marks Total Marks: 1200 NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
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.
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

	COMPUTER SCIENCE WITH CHINESE STUDIES
	SECOND UNIVERSITY EXAMINATION IN SCIENCE
	<p>Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <ul style="list-style-type: none"> ○ 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"> 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>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>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 programme.</p>

THIRD UNIVERSITY EXAMINATION IN SCIENCE	
Time:	Examination of modules taught in Period 2 will take place during scheduled teaching hours. Marks for all these modules will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The Examinations in CS3300 & CS3301, the Work Placement modules, will be held in Winter following the placement period and marks will be presented to the Winter Examination Board.
Modules:	Students take modules to the value of 60 credits : http://www.ucc.ie/academic/calendar/science/sci006.html
Marks Maxima:	100 per 5 credit module; 200 per 10 credit module; 300 per 15 credit module. Total Marks: 1000. (Note: CS3300/CS3301 is assessed on a Pass/Fail basis.)
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 Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 400/1000 marks (40%) across all modules, excluding CS3300/CS3301 (ii) pass modules to the value of at least 40 credits excluding CS3300/CS3301 (iii) obtain a mark of not less than 30% in any remaining module(s). CS3300/CS3301 will contribute to the final degree result on a Pass/Fail basis and must be passed to qualify for an honours grade in the degree. CS3300/CS3301 cannot be repeated and students who fail will be eligible only for a BSc Ordinary degree.
Honours:	Honours are awarded in each subject, provided both subjects are passed, on the basis of the aggregate, as follows: First Class Honours: an aggregate of at least 350/500 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 300/500 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 250/500 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 225/500 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The degree marks for both subjects are calculated as follows: (i) Second Science and Third Science marks in both subjects, each scaled to a max. of 120 marks (max. total 240 marks per subject), and (ii) BSc (Hons) Degree Examination marks in both subjects, scaled as follows: Computer Science scaled to a max of 480 marks (if 40 credits of Computer Science modules are taken) and Chinese Studies scaled to a max of 240 marks or Computer Science scaled to a max of 420 marks (if 35 credits of Computer Science modules are taken) and Chinese Studies scaled to a max of 300 marks Total Marks: 1200 NOTE: For students who completed Second Science and/or Third Science at another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
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.
Supplemental Examinations:	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

THIRD UNIVERSITY EXAMINATION IN SCIENCE	
	<p>requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i></p> <ul style="list-style-type: none"> o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. 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 under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat Year only.</i></p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. <i>Note: CS3300/CS3301 cannot be repeated and students who fail will be eligible only for Pass grade in the BScs Degree.</i> In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Spring Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examinations of a Repeat Year.</i> 3. Students who pass CS3300/CS3301 may repeat the year taking the remaining 50 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Spring Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students who have passed CS3300/CS3301 – whether they have failed or passed the remaining 50 credits – 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>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
Three Year Rule:	<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 (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:	Students take modules to the value of 60 credits : http://www.ucc.ie/academic/calendar/science/sci006.html
Marks Maxima:	100 per five-credit module; 200 per ten-credit module; 400 per twenty-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 pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass the Project module (CS4501) (iii) pass modules to the value of at least 50 credits (including the Project module CS4501) (iv) obtain a mark of not less than 30% in any remaining module(s). (v)
Honours:	Individual Subjects - Honours are awarded in each subject, provided both subjects are passed, on the basis of the aggregate mark. Honours for the Degree: Honours for the degree can only be awarded to a student: (i) passing the BSc (Hons) Degree Examination (ii) who has passed a Work Placement module (CS3300 or CS3301). Honours for the degree are awarded on the basis of the degree marks in both subjects as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) with not less than 720/1200 marks (60%) in either subject Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) with not less than 600/1200 marks (50%) in either subject Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) with not less than 540/1200 marks (45%) in either subject Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%) with not less than 480/1200 marks (40%) in either subject.
Carrying Forward of Marks Towards the Final Degree Award:	The degree marks for both subjects are calculated as follows: (i) Second Science and Third Science marks in both subjects, each subject scaled to a max. of 120 marks (max. total 240 marks per subject), and (ii) BSc (Hons) Degree Examination marks in both subjects, scaled as follows: Computer Science scaled to a max of 480 marks (if 40 credits of Computer Science modules are taken) and Economics scaled to a max of 240 marks or Computer Science scaled to a max of 420 marks (if 35 credits of Computer Science modules are taken) and Economics scaled to a max of 300 marks Total Marks: 1200 NOTE: For students who completed Second Science and/or Third Science at

BSc (HONS) DEGREE EXAMINATION	
	another university, the marks achieved by these students in Second Science and Third Science will be used in the calculation of their Final Year degree result.
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.
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 and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record. ○ If the Project module (CS4501) is failed then this must be re-taken in a Repeat Year.
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><i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
Three Year Rule:	Candidates must pass/progress within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	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 http://www.ucc.ie/academic/calendar/science/sci006b.html
Marks Maxima:	100 per five-credit module; 200 per ten-credit module; 400 per twenty-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 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).
Honours:	Honours for the year are awarded on the aggregate, provided that all modules are passed. Honours 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 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The total mark in the Second and Third University Examinations (max 2400 marks) are carried forward for the determination of the final degree award.
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.

	SCIENCE EDUCATION
	SECOND UNIVERSITY EXAMINATION IN SCIENCE
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. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
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 http://www.ucc.ie/academic/calendar/science/sci006b.html
Marks Maxima:	100 per five-credit module; 200 per ten-credit module; 400 per twenty-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 pass Third Year and progress to Fourth Year, a candidate must : (i) obtain an overall aggregate pass of 480/1200 marks (40%.) across all modules. (ii) pass module ED3102 (iii) pass modules to the value of at least 50 credits (iv) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours for the year are awarded on the aggregate mark, provided that all modules are passed. Honours 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 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The total mark in the Second and Third University Examinations (max 2400 marks) are carried forward for the determination of the final degree award. In the case of direct entry candidates, the total mark in the Third University Examination (maximum 1200) is carried forward for the determination of the final degree award.
Exemptions:	All passed modules carry an exemption, which is limited to a period of 5 academic years subsequent to the award of the exemption.

<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>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>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 (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:	Students take modules to the value of 60 credits http://www.ucc.ie/academic/calendar/science/sci006b.html
Marks Maxima:	100 per five-credit module; 200 per ten-credit module; 400 per twenty-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 pass Fourth Year, a candidate <u>must</u> : (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) Candidates may also be required to attend for an Oral Examination. To pass the degree, students must attain an aggregate of at least 1440/3600 marks (40%) across second, third and fourth year. Direct entry students to 3 rd year will be assessed out of 2400.
Carrying Forward of Marks Towards the Final Degree Award:	The total mark in the Second and Third University Examinations (max 2400 marks) are carried forward for the determination of the final degree award. In the case of direct entry candidates, the total mark in the Third University Examination (maximum 1200) is carried forward for the determination of the final degree award.

Honours:	<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: an aggregate of at least 2520/3600 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade I: an aggregate of at least 2160/3600 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade II: an aggregate of at least 1800/3600 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class Honours: an aggregate of at least 1620/3600 marks (i.e. 45% and above but less than 50%) Pass (Honours level): aggregate of at least 1440/3600 marks (i.e.40%). Honours are not awarded at the Autumn Supplemental Examination or in a Repeat Year.</p> <p>In the case of direct entry candidates:</p> <p>First Class Honours: an aggregate of at least 1680/2400 marks (i.e. 70% and above)</p> <p>Second Class Honours Grade I: an aggregate of at least 1440/2400 marks (i.e. 60% and above but less than 70%)</p> <p>Second Class Honours Grade II: an aggregate of at least 1200/24000 marks (i.e. 50% and above but less than 60%)</p> <p>Third Class Honours: an aggregate of at least 1080/2400 marks (i.e. 45% and above but less than 50%) Pass (Honours level): aggregate of at least 480/1200 marks (i.e.40%).</p>
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"> ○ 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:	<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>3. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</p> <p>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> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
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.

	BIOLOGICAL, EARTH AND ENVIRONMENTAL SCIENCES
	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 in <i>one</i> of the following Areas of Study: Earth Science, Ecology and Environmental Biology, Applied Plant Biology, Environmental Science, Geography, Geology International Field Geosciences and Zoology. See: http://www.ucc.ie/academic/calendar/science/sci007.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 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 modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours for the year are awarded on the basis of the aggregate, provided that all modules are passed, as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
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 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:	<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 Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i> 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>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>
Three Year Rule:	<p>Candidates must pass/progress within 3 academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.</p>

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 following Areas of Study: Earth Science, Ecology and Environmental Biology, Applied Plant Biology, Environmental Science, Geography, Geology, and Zoology. See: http://www.ucc.ie/academic/calendar/science/sci007.html
Marks Maxima:	100 per five-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 Third Year and progress to Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s). To qualify for the award of Degree, students must have obtained an aggregate mark of at least 960/2400 marks (i.e. 40%) across all modules taken in Third and Fourth Science. Note: Students who pass the Third University Examination in Science –Biological, Earth and Environmental Sciences and who qualify to proceed to the final year may opt instead to be conferred with a BSc Ordinary degree.
Honours:	Honours for the year are awarded on the basis of the aggregate, provided that all modules are passed, as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The Degree result is awarded on the aggregate of (i) 30% of the aggregate mark of all modules taken in the Third Examination in Science <u>and</u> (ii) 70% of the aggregate mark of all modules taken in the BSc Honours degree Examination
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 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

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	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> <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 Examinations in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i> 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>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>
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.

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

BSc (Hons) DEGREE EXAMINATION FOR ECOLOGY, ENVIRONMENTAL PLANT BIOTECHNOLOGY, ENVIRONMENTAL SCIENCE, GEOLOGY, INTERNATIONAL FIELD GEOSCIENCES 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 40 or 45 credits <u>and</u> a Research Project amounting to 15 or 20 credits depending on the degree outlet. 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. 400 per twenty-credit module Total Marks: 1200.
Distribution of Marks:	Distribution of marks and assessment details (including Written Examination Profiles) 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 or 20 credits) (iii) obtain a pass in modules to the value of at least 50 credits (including the Research Project) (iv) obtain a mark of not less than 30% in any remaining module(s).
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%) Second Class Grade II: aggregate of at least 600 / 1200 marks (i.e. 50%) Third Class: aggregate of at least 540 / 1200 marks (i.e. 45%)
Carrying Forward of Marks Towards the Final Degree Award:	The Degree result is awarded on the aggregate mark of (i) 30% of the aggregate mark of all modules taken in the Third Examination in Science <u>and</u> (ii) 70% of the aggregate mark of all modules taken in the BSc Honours degree Examination
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 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.

BSc (Hons) DEGREE EXAMINATION FOR ECOLOGY, ENVIRONMENTAL PLANT BIOTECHNOLOGY, ENVIRONMENTAL SCIENCE, GEOLOGY, INTERNATIONAL FIELD GEOSCIENCES AND ZOOLOGY	
	<p>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record. Please refer to the <i>Book of Modules</i> (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>
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</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 Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examinations of a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u> <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>
Three Year Rule:	<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 FOR EARTH SCIENCE AND GEOGRAPHY	
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 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 Written Examination Profiles) 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 (15credits) (iii) obtain a pass in modules to the value of at least 50 credits (including the Research Project) (iv) obtain a mark of not less than 30% in any remaining module(s).
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 profiling mechanism and to achieve a grade of award, this aggregate must reach or exceed the borderline for the grade or be within the range indicated with at least half of the credits evaluated being attained in or above the grade of award. First Class: aggregate of at least 840 / 1200 marks (i.e. 70%) or at least 828 / 1200 (i.e.69%), with at least half the credits attained with marks of 70% or above. Second Class Grade I: aggregate of at least 720 / 1200 marks (i.e. 60%) or at least 708 / 1200 (59%), with at least half the credits attained with marks of 60% or above. Second Class Grade II: aggregate of at least 600 / 1200 marks (i.e. 50%) or at least 588 / 1200 (49%), with at least half the credits attained with marks of 50% or above. Third Class: aggregate of at least 540 / 1200 marks (i.e. 45%) or at least 528 / 1200 (44%), with at least half the credits attained with marks of 45% or above.
Carrying Forward of Marks Towards the Final Degree Award:	The Degree result is awarded on the aggregate mark of (i) 30% of the aggregate mark of all modules taken in the Third Examination in Science <u>and</u> (ii) 70% of the aggregate mark of all modules taken in the BSc Honours degree Examination
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 <i>Book of Modules</i> (www.ucc.ie/academic/modules/) for requirements governing the Autumn Supplemental Examination for individual

BSc (Hons) DEGREE EXAMINATION FOR EARTH SCIENCE AND GEOGRAPHY	
	<p>modules. <i>Note: For some modules there is no Supplemental Examination.</i></p> <ul style="list-style-type: none"> 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.
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</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 Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examinations of a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examinations of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u> <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>
Three Year Rule:	<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>

	GENETICS
	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/academic/calendar/science/sci007a.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 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 modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours are awarded in individual modules as follows: First Class Honours: 70% - 100% (i.e. at least 70% of the total marks for the module) Second Class Honours Grade I: 60% - 69% (i.e. at least 60% of the total marks for the module) Second Class Honours Grade II: 50% - 59% (i.e. at least 50% of the total marks for the module) Third Class Honours: 45- 49% (i.e. at least 45% of the total marks for the module)
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 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 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>
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 http://www.ucc.ie/academic/calendar/science/sci007a.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 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 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 – GENETICS and qualify to proceed to the final year may opt instead to be conferred with a BSc Ordinary degree.
Honours:	Honours are awarded in individual modules as follows: First Class Honours: 70% - 100% (i.e. at least 70% of the total marks for the module) Second Class Honours Grade I: 60% - 69% (i.e. at least 60% of the total marks for the module) Second Class Honours Grade II: 50% - 59% (i.e. at least 50% of the total marks for the module) Third Class Honours: 45- 49% (i.e. at least 45% of the total marks for the module)
Carrying Forward of Marks Towards the Final Degree Award:	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) and (ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science.
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 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 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> . 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

THIRD UNIVERSITY EXAMINATION in SCIENCE	
	<p>obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u></p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
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:	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/academic/calendar/science/sci007a.html
Marks Maxima:	100 per five-credit module, 200 per ten-credit module, 300 per fifteen-credit module, 400 per twenty-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 pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (i.e. 40%) across all modules (ii) pass the Fourth Science Research Project (15 credits) (iii) obtain a pass in modules to the value of at least 50 credits (including the Research Project) (iv) obtain a mark of not less than 30% in any remaining module(s).
Honours:	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 : To achieve a grade of award, this aggregate must reach or exceed the borderline for the grade or be within the range indicated with at least half of the credits evaluated being attained in or above the grade of award. First Class: aggregate of at least 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. Second Class Grade I: aggregate of at least 1260/2100 (i.e. 60%), or at least 1218/2100 (58%), with at least half the credits attained with marks of 60% or above. Second Class Grade II: aggregate of at least 1050/2100 (i.e. 50%), at least 1008/2100 (48%), with at least half the credits attained with marks of 50% or above. 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. Pass (Honours level): aggregate of at least 840/2100 marks
Exemptions:	All passed modules carry an exemption, which is limited to a period of five years from the date a student originally achieved 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 Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i> o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the 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.

BSc (HONS) DEGREE EXAMINATION	
Carrying Forward of Marks Towards the Final Degree Award:	The Degree result is awarded on the aggregate mark of (i) The Fourth Year Research Project (15 credits) and (ii) The best marks from modules to the value of 90 credits out of the remaining 105 credits taken in Third and Fourth Science.
Repeat Year Examinations:	<p>Students repeating the year may do so under one of the following mechanisms, individual repeat candidates choosing whichever mechanism best suits his/her requirements. <i>Note: Students are eligible for the award of Honours in the first Repeat Year only. Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> 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. 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>In the case of candidates choosing option 2 who have already passed or got honours in their first attempt year but who (i) fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year or (ii) fail to qualify for a higher class of honours at the second attempt, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
Three Year Rule:	Candidates must pass/progress within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

	FINANCIAL MATHEMATICS & ACTUARIAL SCIENCE												
	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/academic/calendar/science/sci008.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 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 modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).												
Honours:	Honours for the year are awarded on the aggregate marks, as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
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Supplemental Examinations:	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.												

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<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>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>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 programme.</p>

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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.

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Modules:	Students take modules to the value of 60 credits http://www.ucc.ie/academic/calendar/science/sci008.html												
Marks Maxima:	100 per five-credit module, 200 per ten-credit module, 300 per fifteen-credit module, 400 per twenty-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).												
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Pass and Progression Standard (programme level):	To pass Fourth Year a candidate must: <ul style="list-style-type: none"> i. obtain an aggregate mark of 480/1200 marks (40%) across all modules ii. obtain a pass in each module in modules to the value of at least 50 credits iii. obtain a mark of not less than 30% in any remaining module(s). 												
Carrying Forward of Marks Towards the Final Degree Award:	The grade for the degree is based on a carry-forward of the aggregate marks in the Second, Third and Fourth Year Examinations, using the following proportions: <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;">Second Year</td> <td style="padding-right: 20px;">10%</td> <td>maximum 120 marks</td> </tr> <tr> <td>Third Year</td> <td>40%</td> <td>maximum 480 marks</td> </tr> <tr> <td>Fourth Year</td> <td>50%</td> <td>maximum 600 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>maximum 1200 marks</td> </tr> </table>	Second Year	10%	maximum 120 marks	Third Year	40%	maximum 480 marks	Fourth Year	50%	maximum 600 marks	Total	100%	maximum 1200 marks
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	<p>full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
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:	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 as outlined in the calendar (part 1) (www.ucc.ie/ucc/academic/calendar)												
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 year written examination profile) for individual modules are contained in the book of modules (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 book of modules (www.ucc.ie/academic/modules/). Marks in applied mathematics include computer-based examinations where appropriate.												
Pass And Progression Standard (Programme Level):	To pass fourth year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).												
Carrying Forward Of Marks Towards The Final Degree Award:	The grade for the degree is based on a carry-forward of the aggregate marks in the second, third and fourth year examinations, using the following proportions: <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;">Second year</td> <td style="padding-right: 20px;">10%</td> <td>Maximum 120 marks</td> </tr> <tr> <td>Third year</td> <td>30%</td> <td>Maximum 360 marks</td> </tr> <tr> <td>Fourth year</td> <td>60%</td> <td>Maximum 720 marks</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>Maximum 1200 marks</td> </tr> </table>	Second year	10%	Maximum 120 marks	Third year	30%	Maximum 360 marks	Fourth year	60%	Maximum 720 marks	Total	100%	Maximum 1200 marks
Second year	10%	Maximum 120 marks											
Third year	30%	Maximum 360 marks											
Fourth year	60%	Maximum 720 marks											
Total	100%	Maximum 1200 marks											
Honours:	Honours for the year are awarded on the basis of the aggregate marks, as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)												
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"> ○ Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). 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. ○ 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:	<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. Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</p> <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</p>												

BSc (Hons) DEGREE EXAMINATION	
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Three Year Rule:	Candidates must pass/progress within 3 academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.

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Modules:	Students take modules to the value of 60 credits as follows: 30 credits <u>in each of two</u> subjects chosen from: Applied Mathematics and Physics, <u>or</u> Mathematics and Physics. http://www.ucc.ie/academic/calendar/science/sci009.html																																			
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	APPLIED MATHEMATICS & PHYSICS OR MATHEMATICS & PHYSICS - JOINT HONOURS
	SECOND UNIVERSITY EXAMINATION in SCIENCE
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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. <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 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, 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 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>
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.

	PHYSICS
	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/academic/calendar/science/sci009.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 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 modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
Carrying Forward of Marks Towards the Final Degree Award:	The degree mark (maximum 1200 marks) is calculated from the aggregate marks of the Physics modules in the Second, Third and Fourth Year Examinations. Contributions to the total marks are as follows: <u>Second Year:</u> 10% (maximum 120 marks) <u>Third Year:</u> 30% (maximum 360 marks) <u>Fourth Year:</u> 60% (maximum 720 marks)
Honours:	Honours for the year are awarded on the aggregate mark for the Honours Physics Modules (40 credits) provided all modules are passed, as follows: First Class Honours: an aggregate of at least 560/800 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 480/800 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 400/800 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 360/800 marks (i.e. 45% and above but less than 50%)
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 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. 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 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.

	PHYSICS
	SECOND UNIVERSITY EXAMINATION in SCIENCE
	<p>1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation, progression, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</p> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
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 http://www.ucc.ie/academic/calendar/science/sci009.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 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 Third Year and progress to Fourth year a candidate <u>must</u> : (i) pass the Third University Examination in Science (ii) obtain an overall aggregate pass of 40% (i.e. 480/1200 marks) across all modules (iii) pass modules to the value of at least 50 credits. (iv) obtain a mark of not less than 30% in any remaining module(s). Students who pass the Third University Examination and qualify to proceed into Fourth Science may opt instead to be conferred with a BSc Ordinary Degree. Students who pass the Third University Examination in Science, but do not qualify to proceed into Fourth Science will be awarded a BSc Ordinary Degree.
Honours:	Honours for the year are awarded on the aggregate mark for the Honours Physics modules (40 credits), provided all modules are passed, as follows: First Class Honours: an aggregate of at least 560/800 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 480/800 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 400/800 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 360/800 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The degree mark (maximum 1200 marks) is calculated from the aggregate marks of the Physics modules in the Second, Third and Fourth Year Examinations. Contributions to the total marks are as follows: <u>Second Year:</u> 10% (maximum 120 marks) <u>Third Year:</u> 30% (maximum 360 marks) <u>Fourth Year:</u> 60% (maximum 720 marks)
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/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 Board. o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks achieved in repeated modules. o Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass 40%. The actual mark achieved by the candidate will be recorded on the student record

THIRD UNIVERSITY EXAMINATION in SCIENCE	
Repeat Year Examinations:	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements.</p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year the original programme level judgement and associated marks will be awarded by the Examination Board</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 – PHYSICS OR ASTROPHYSICS	
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/academic/calendar/science/sci009.html
Marks Maxima:	200 per ten-credit module; 400 per twenty-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 pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours for the year are awarded on the aggregate mark as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The degree mark (maximum 1200 marks) is calculated from the aggregate marks of the Physics modules (for Physics degree) and Physics and Astrophysics modules (for Physics and Astrophysics degree) in the Second, Third and Fourth Year Examinations. Contributions to the total marks are as follows: <u>Second Year:</u> 10% (maximum 120 marks) <u>Third Year:</u> 30% (maximum 360 marks) <u>Fourth Year:</u> 60% (maximum 720 marks)
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/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 Board. o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks achieved in repeated modules. o Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass 40%. The actual mark achieved by the candidate will be recorded on the student record
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. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not</i>

BSc (Hons) DEGREE EXAMINATION – PHYSICS OR ASTROPHYSICS	
	<p><u>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 progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u> <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>
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.

	ASTROPHYSICS
	SECOND UNIVERSITY EXAMINATION in SCIENCE
	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/academic/calendar/science/sci009.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 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 modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
Carrying Forward of Marks Towards the Final Degree Award:	The degree mark (maximum 1200 marks) is calculated from the aggregate marks of the Physics modules in the Second, Third and Fourth Year Examinations. Contributions to the total marks are as follows: <u>Second Year:</u> 10% (maximum 120 marks) <u>Third Year:</u> 30% (maximum 360 marks) <u>Fourth Year:</u> 60% (maximum 720 marks)
Honours:	Honours for the year are awarded on the aggregate mark for the Honours Physics Modules (40 credits) provided all modules are passed, as follows: First Class Honours: an aggregate of at least 560/800 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 480/800 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 400/800 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 360/800 marks (i.e. 45% and above but less than 50%)
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"> ○ 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/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 Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination Board. ○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks achieved 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 a pass 40%. The actual mark achieved by the candidate will be recorded on the student record.
Repeat Year Examinations:	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed

	ASTROPHYSICS
	SECOND UNIVERSITY EXAMINATION in SCIENCE
	<p>at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination 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 in a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year the original programme level judgement and associated marks will be awarded by the Examination Board.</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:	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/academic/calendar/science/sci009.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 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 Third Year and progress to Fourth year a candidate <u>must</u> : (v) pass the Third University Examination in Science (vi) obtain an overall aggregate pass of 40% (i.e. 480/1200 marks) across all modules (vii) pass modules to the value of at least 50 credits. (viii) obtain a mark of not less than 30% in any remaining module(s). Students who pass the Third University Examination and qualify to proceed into Fourth Science may opt instead to be conferred with a BSc Ordinary Degree. Students who pass the Third University Examination in Science, but do not qualify to proceed into Fourth Science will be awarded a BSc Ordinary Degree.
Honours:	Honours for the year are awarded on the aggregate mark for the Honours Physics modules (45 credits), provided all modules are passed, as follows: First Class Honours: an aggregate of at least 630/900 marks (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 405/900 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The degree mark (maximum 1200 marks) is calculated from the aggregate marks of the Physics modules in the Second, Third and Fourth Year Examinations. Contributions to the total marks are as follows: Second Year: 10% (maximum 120 marks) Third Year: 30% (maximum 360 marks) Fourth Year: 60% (maximum 720 marks)
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"> ○ 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/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 Board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination Board. ○ The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks achieved 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 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:	<p>Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements.</p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination Board of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u> <p>In the case of a candidate choosing option 2 who failed the first attempt year and who also fails a Repeat Year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year the original programme level judgement and associated marks will be awarded by the Examination Board.</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 – PHYSICS OR ASTROPHYSICS	
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/academic/calendar/science/sci009.html
Marks Maxima:	200 per ten-credit module; 400 per twenty-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 pass Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. (iii) obtain a mark of not less than 30% in any remaining module(s).
Honours:	Honours for the year are awarded on the aggregate mark as follows: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade I: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade II: an aggregate of at least 600/1200 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1200 marks (i.e. 45% and above but less than 50%)
Carrying Forward of Marks Towards the Final Degree Award:	The degree mark (maximum 1200 marks) is calculated from the aggregate marks of the Physics modules (for Physics degree) and Physics and Astrophysics modules (for Physics and Astrophysics degree) in the Second, Third and Fourth Year Examinations. Contributions to the total marks are as follows: <u>Second Year:</u> 10% (maximum 120 marks) <u>Third Year:</u> 30% (maximum 360 marks) <u>Fourth Year:</u> 60% (maximum 720 marks)
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/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 Board. o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks achieved in repeated modules. o Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass 40%. The actual mark achieved by the candidate will be recorded on the student record.
Repeat Year Examinations:	Students repeating the year may do so choosing whichever of the two following mechanisms best suits his/her requirements. 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation and progression, full marks achieved in modules

BSc (Hons) DEGREE EXAMINATION – PHYSICS OR ASTROPHYSICS	
	<p>passed at the Summer Examination Board in the first attempt year plus capped marks achieved in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination Board of a Repeat Year.</i></p> <p>2. Students may repeat the year taking the full 60 credits. In determining aggregation and progression, there is no restriction on the marks awarded for modules at the Summer Examination 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 in a previous year, a pass for the year will be awarded by the Examination Board, provided the student achieves the Pass and Progression Standard for the year on the combined results from both years.</p> <p>In the case of candidates choosing option 2 who had already passed in their first attempt year but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year the original programme level judgement and associated marks will be awarded by the Examination Board.</p>
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.

	APPLIED MATHEMATICS AND PHYSICS OR MATHEMATICS AND PHYSICS - JOINT HONOURS
	SECOND UNIVERSITY EXAMINATION in SCIENCE

Please see page 76.

	THIRD UNIVERSITY EXAMINATION in SCIENCE
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Please see page 79.

	BSc (Hons) DEGREE EXAMINATION
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Please see page 82

BSc (Hons) DEGREE EXAMINATION (INTERCALATED)	
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 modules to the value of 60 credits from the subjects offered as follows: Anatomy, Biochemistry, Pathology, Pharmacology, and Physiology . See: http://www.ucc.ie/academic/calendar/science/sci011.html
Marks Maxima:	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module; 400 per twenty-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 Fourth Year, a candidate <u>must</u> : (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits. <i>Note: Students taking Physiology must pass modules to the value of 45 credits as follows (all Physiology modules are worth 15 credits): at least 45 credits in Physiology <u>or</u> at least 45 credits in Pharmacology if the pass standard is not achieved in a Physiology module.</i> (iii) obtain a mark of not less than 30% in any remaining module(s).
Honours:	The class of the degree is determined by the following 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. First Class: aggregate of at least 840/1200 marks (70%), or at least 816/1200 marks (68%), with at least half the credits attained with marks of 70% or above. Second Class Grade I: aggregate of at least 720/1200 marks (60%), or at least 696/1200 marks (58%), with at least half the credits attained with marks of 60% or above. Second Class Grade II: aggregate of at least 600/1200 marks (50%), or at least 576/1200 marks (48%), with at least half the credits attained with marks of 50% or above. Third Class: aggregate of at least 540/1200 marks (45%), or at least 516/1200 marks (43%), with at least half the credits attained with marks of 45% or above.
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.
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> <p>Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</p> <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</p>

BSc (Hons) DEGREE EXAMINATION (INTERCALATED)	
	<p>and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.</p> <p>If the Research Project module is failed then this must be re-taken in a Repeat Year.</p>
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. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <ol style="list-style-type: none"> 1. Students retain exemptions, if any, and must repeat all failed/absent modules. In determining aggregation, and the calculation of the award of honours, full marks obtained in modules passed at the Summer Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i> 2. Students may repeat the year taking the full 60 credits. In determining aggregation, and the calculation of the award of honours, there is no restriction on the marks awarded for modules at the Summer Examination of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark. <u>Subject to capacity, all students - whether they have failed or passed - are allowed to choose this option in an attempt to improve their grade.</u> <p>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>
Three Year Rule:	<p>Candidates must pass within 3 academic years of the date of first registration for BSc (Hons) Degree (Intercalated), otherwise they cannot continue in the programme.</p>

DIPLOMAS

	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, which must include CS4501: Project, 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):	n/a
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%)
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"> 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 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:	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
	DIPLOMA IN STATISTICAL STUDIES
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 degree outlets, which must include ST4099 Project (30 credits), and up to 10 credits from other undergraduate modules.
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>

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 Exploration Field Geology Food Microbiology Food Science Geographical Information Systems and Remote Sensing Interactive Media Mathematical Modelling and Scientific Computing Marine Biology Molecular Cell Biology Organic Horticulture Software and Systems for Mobile Networks <p>MSc Mode II: At the end of Part 1, candidates must sit an examination on all courses taken and obtain at least a pass level (40%) in order to proceed to Part 2. This standard must be reached at the first attempt.</p>
Honours:	Modes II and III:

MSc DEGREE EXAMINATION					
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">First Class:</td> <td style="text-align: right;">70% - 100%</td> </tr> <tr> <td>Second Class:</td> <td style="text-align: right;">60% - 69%</td> </tr> </table>	First Class:	70% - 100%	Second Class:	60% - 69%
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:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">First Class</td> <td style="text-align: right;">70% - 100%</td> </tr> <tr> <td>Second Class Grade I:</td> <td style="text-align: right;">60% - 69%</td> </tr> <tr> <td>Second Class Grade II:</td> <td style="text-align: right;">55% - 59%</td> </tr> </table> <p>The details of Written and Year's Work are given below for each subject.</p>	First Class	70% - 100%	Second Class Grade I:	60% - 69%	Second Class Grade II:	55% - 59%
First Class	70% - 100%						
Second Class Grade I:	60% - 69%						
Second Class Grade II:	55% - 59%						

BIOCHEMISTRY AND CELL BIOLOGY

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:	Candidates take modules to the value of 90 credits, as detailed at: http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#3
Marks Maxima:	100 per five---credit module, 200 per ten---credit module, 800 for BT6002 (40 credits). 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>On the recommendation of the School of Biochemistry and Cell Biology an Examination Board may decide that a dissertation is a borderline pass/fail and may agree to permit the student to make minor corrections to achieve the pass standard for the Dissertation within six weeks of the publication of examination results.</p>
Pass and Progression Standard (programme level):	<p>MSc in Biotechnology: To progress to the Research Dissertation a candidate must achieve at least 40% in each of the taught modules and attain an overall aggregate of 50% at the first attempt in the taught modules. In the case of student achieving the aggregate of 50% at the first attempt but failing a module of 5/10 credits, such students can repeat at most 10 credits at the Autumn Supplemental examinations.</p> <p>All written examinations and Research Dissertation must be passed separately.</p>
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. 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. 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: 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%)</p> <p>Postgraduate Certificate in Biotechnology:</p>

MSC BIOTECHNOLOGY	
	<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 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:	Candidates take modules to the value of 90 credits, as detailed at: http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#molecular
Marks Maxima:	100 per five---credit module, 200 per ten---credit module, 800 for BT6002 (40 credits). 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>On the recommendation of the School of Biochemistry and Cell Biology an Examination Board may decide that a dissertation is a borderline pass/fail and may agree to permit the student to make minor corrections to achieve the pass standard for the Dissertation within six weeks of the publication of examination results.</p>
Pass and Progression Standard (programme level):	<p>MSc in Molecular Cell Biology with Bioinnovation: To progress to the Research Dissertation a candidate must achieve at least 40% in each of the taught modules and attain an overall aggregate of 50% at the first attempt in the taught modules.</p> <p>In the case of student achieving the aggregate of 50% at the first attempt but failing a module of 5/10 credits, such students can repeat at most 10 credits at the Autumn Supplemental examinations.</p>
Postgraduate Certificate in Molecular Cell Biology with Bioinnovation Exit Awards:	<p>Postgraduate Certificate in Molecular Cell Biology: Students passing modules to the value of at least 30 credits (including ML6004, ML6006, ML6002 and ML6005) and achieving an aggregate pass across all taught modules to the value of 50 credits may opt to exit the programme and be awarded a Postgraduate Certificate in Molecular Cell Biology with Bioinnovation.</p> <p>Similarly, students who pass the taught modules and do not wish to complete the research dissertation may opt to be conferred with a Postgraduate Certificate in Molecular Cell Biology with Bioinnovation.</p>
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: 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%)</p> <p>Postgraduate Certificate in Molecular Cell Biology with Bioinnovation: First Class Honours: an aggregate of at least 700/1000 marks (i.e. 70% and above) Second Class Honours: an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%) 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 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:	NA

MRes (Master of Research) in Biochemistry and Cell Biology	
<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>	
Time:	Written examinations will be held in Summer. 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.
Modules:	Students take 90 credits as follows: Students take 20 credits of modules and undertake a dissertation of 70 credits on a selected topic in Biochemistry & Cell Biology.
Marks Maxima:	100 per five credit module, 200 per ten credit module, 1400 marks per seventy credit research equivalent. Total marks: 1800
Distribution of Marks:	Written Examinations 400 marks Research Dissertation 1400 marks Total Marks: 1800
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> , (http://www.ucc.ie/academic/modules).
Pass and Progression Standard (programme level):	All modules must be passed prior to the submission of the dissertation.
Honours:	Honours are awarded on the judgement of the dissertation as follows: First Class Honours (70% and above) Second Class Honours (60% and above, but less than 70%) Pass (40% and above, but less than 60%)
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. Capping of Marks at Supplemental Examination: In determining pass progression, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.
Repeat Year Examinations:	N/A
Three Year Rule (or other rule to apply):	N/A

BIOLOGICAL, EARTH & ENVIRONMENTAL SCIENCES

Postgraduate Certificate in MARINE BIOLOGY	
Time:	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.
Modules:	Students take 30 credits as follows: BL6010 (5 credits); BL6012 (10 credits); BL6016 (10 credits) and BL6019 (5 credits)
Marks Maxima:	100 per five-credit module, 200 per ten-credit module, Total Marks: 600.
Distribution of Marks:	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/).
Pass Standard (module level):	Students are required to obtain at least 40% in each module to pass.
Pass and Progression Standard (programme level):	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.
Honours if Applicable:	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%).
Exemptions:	All passed modules carry an exemption, which is limited to a period of three years from the date a student originally achieved 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. ○ 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 ECOLOGICAL ASSESSMENT	
Time:	Marks for all modules will be presented to the Winter Examination Board. For students failing to achieve the pass standard for the year at the Winter Examination, there will be a Supplemental Examination in Spring of the following year.
Modules:	Students take 60 credits as follows: http://www.ucc.ie/calendar/postgraduate/PGDiplomas/science/page17.html
Marks Maxima:	100 per 5 credit module; 200 per 10 credit module. Total Marks 1200 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:	The pass standard for each 5 credits 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.
Diploma 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 Ecological Assessment.
Honours:	In addition to the requirements under Pass and Progression and Diploma Award above, Honours will be awarded as follows: First Class: At least 70% (i.e. at least 840/1200 marks) Second Class,: At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks) Pass: At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks) Honours will not be awarded at the Spring 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:	Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) for requirements governing the Spring Supplemental Examination for individual modules. <ul style="list-style-type: none"> • A student who fails to achieve the pass standard for the year at the Winter 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 a Spring 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.

MSc ECOLOGICAL ASSESSMENT	
Time:	Marks for all modules will be presented to the Winter Examination Board. For students failing to achieve the pass standard for the year at the Winter Examination, there will be a Supplemental Examination in Spring of the following year.
Modules:	Students take 90 credits as follows: http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html
Marks Maxima:	100 per 5 credit module; 200 per 10 credit module; 600 per 30 credit module. Total Marks 1800 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:	The pass standard for each 5 credit or 10 credit module is 40%. Students must achieve not less than 40% in each taught module. The pass standard for the Research Dissertation (AE6017) is 50%. In order to pass the programme, students must achieve an <u>aggregate</u> mark of not less than 50% across all taught modules and not less than 50% in the Research Dissertation. NOTE: Work on Research Dissertation is integrated with taught modules. Note: Students who pass each individual module but fail to achieve the requisite grade of 50% across the taught modules, will be eligible for the award of a Postgraduate Diploma in Ecological Assessment.
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 and who achieves at least 50% in AE6017 will be eligible for the award of the MSc in Ecological Assessment degree.
Honours:	In addition to the requirements under Pass and Progression and Degree Award above, Honours will be awarded as follows: First Class: At least 70% (i.e. at least 1260/1800 marks) Second Class: At least 60% but less than 70% (i.e. at least 1080/1800 marks but less than 1260/1800 marks) Pass: At least 50% but less than 60% (i.e. at least 900/1800 marks but less than 1080/1800 marks) Honours will not be awarded at the Autumn Supplemental Examination or in a Repeat Year.
Postgraduate Diploma in Ecological Assessment:	Candidates who pass each individual module but fail to achieve the requisite grade of 50% across the taught modules or who pass and do not wish to complete the Research Dissertation may opt to be conferred with a Postgraduate Diploma in Ecological Assessment.
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:	Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) for requirements governing the Spring Supplemental Examination for individual modules. A student who fails to achieve the pass standard for the year at the Winter 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 a Spring 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.

MSc EXPLORATION FIELD GEOLOGY	
Time:	Marks for all modules in Part I will be presented to the Summer Examination Board. For students failing to achieve the pass standard in Part I at the Summer Examination Board, there will be a Supplemental Examination in Autumn with a Winter 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 Dissertation GL6018 (30 credits), as detailed at: http://www.ucc.ie/calendar/postgraduate/Masters/science/
Marks Maxima:	100 per 5 credit module; 200 per 10 credit module. Total Marks - Part I: 1200 marks; 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 (GL6018) 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 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 (GL6018)).</p> <p>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 GL6018).</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 Exploration Field Geology.</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 GL6018 and who achieves at least 50% in GL6018 will be eligible for the award of the MSc Exploration Field Geology.
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 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.</p> <p>Honours will not be awarded at the Summer Supplemental Examination or in a Repeat Year.</p>
Postgraduate Diploma in Exploration Field Geology	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 Exploration Field Geology.
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 GL6018.</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>
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 MARINE BIOLOGY	
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 Dissertation BL6017 (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: 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:	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/). Students must obtain a Pass in BL6015 and an average mark of at least 50% across the taught modules in Part I with not less than 40% in any module to be eligible to submit the Research Dissertation (i.e. Part II of the programme (BL6017)). Students achieving an aggregate of 50% at the Spring Examination but not passing all taught modules in Part I must repeat all failed/absent modules at the Autumn Supplemental Examination to be eligible to submit the Research Dissertation . (There is no Supplemental Examination for BL6015). 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.
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:	In addition to the requirements under Pass and Progression and Degree Award above, Honours will be awarded as follows: First Class: At least 70% (i.e. at least 1190/1700 marks) and a pass in BL6015. 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. Pass: 50-59% At least 850/1700 marks but less than 1020/1700 marks and a pass in BL6015. Honours will not be awarded at the Autumn Supplemental Examination or in a Repeat Year.
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:	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. 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

MSc MARINE BIOLOGY	
	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.

MSc ORGANIC HORTICULTURE	
Time:	Marks for all modules in Part I will be presented to the Summer Examination Board. For students failing to achieve the pass standard in Part I at the Summer 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 Dissertation PS6010 (30 credits)
Marks Maxima:	100 per 5 credit module; 200 per 10 credit module. Total Marks - Part I: 1200 marks; 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 Standard (module level):	The pass standard for each module in Part I is 40%.
Pass and Progression Standard (programme level):	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 (PS6010)). 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 PS6010). Note: Students who pass all modules in Part I 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 Organic Horticulture.
Honours:	Honours will be awarded as follows: First Class: At least 70% (i.e. at least 1260/1800 marks). Second Class: At least 60% but less than 70% (i.e. at least 1080/1800 marks but less than 1260/1800 marks). Pass: 50-59% At least 900/1800 marks but less than 1080/1800 marks. Honours will not be awarded at the Summer 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 Examination:	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 PS6010. A student who fails to achieve the pass standard for the year 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. 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%.
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:	Not applicable

	GEOGRAPHY
	MSc in GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING
Time:	Marks for all units in part I, 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. 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 as follows: GG6501 (5 credits), GG6502 (5 credits), GG6503 (5 credits), GG6504 (5 credits), GG6505 (10 credits), GG6507 (5 credits), CS6508 (5 credits), GG6509 (5 credits), GG6510 (5 credits), GG6517 (5 credits), GG6518 (5 credits) Part II: Research Project GG6511 (30 credits)
Marks Maxima:	100 marks per 5 credit module, 200 marks per 10 credit module. Total marks – Part I: 1200 marks 600 marks for the research project (GG6511). Total marks – Part II: 600 marks. Total Marks parts I and II: 1800 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:	Candidates must achieve an average of 40% over all modules in Part I and not less than 40% in any module. Special Requirements for individual modules, if any are detailed in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/). Students must pass Part I (taught modules) in order to submit Part II (research dissertation). Students achieving an aggregate of 40% at the Summer Examination but not passing sufficient taught modules in Part I must repeat and pass all failed/absent modules at the Autumn Supplemental Examination to be eligible to submit the research dissertation (i.e. Part II of the programme (GG6511)). A candidate whose marks on the dissertation (module GG6511) fail to reach 40% may be permitted to re-submit the dissertation within 12 months.
Degree Award:	A student who, passes all the taught modules with a mark of not less than 40% and achieves at least 40% in the Independent Research Dissertation will be eligible for the award of the MSc in Geographical Information Systems and Remote Sensing.
Honours:	In addition to the requirements under Pass and Progression and Degree Award above, Honours will be awarded as follows: First class Honours will be awarded to a student who – i) achieves the pass standard of 40% in all of the modules ii) achieves an aggregate of at least 1260/1800 (70%) across all modules iii) achieves a mark of at least 40% in the research project, all at the first attempt Second class Honours Grade 1 will be awarded to a student who – i) achieves the pass standard of 40% in at least 8 of the taught modules ii) achieves an aggregate of at least 1080/1800 (60%) across all modules iii) achieves a mark of at least 40% in the research project, all at the first attempt Second class Honours Grade 2 will be awarded to a student who – i) achieves the pass standard of 40% in at least 8 of the taught modules ii) achieves an aggregate of at least 900/1800 (50%) across all modules iii) achieves a mark of at least 40% in the research project Third class Honours will be awarded to a student who – i) achieves the pass standard of 40% in at least 8 of the taught modules ii) achieves an aggregate of at least 810/1800 (45%) across all modules iii) achieves a mark of at least 40% in the research project

Postgraduate Diploma in Geographical Information Systems and Remote Sensing	Candidates who obtain an average mark of at least 40% across the taught modules, and pass all modules at 40% or more in Part I, but do not achieve a mark of 40% in the dissertation or who pass Part I and do not wish to complete Part II may opt to be conferred with a Postgraduate Diploma in Geographical Information Systems and Remote Sensing
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>Candidates who fail to achieve the pass standard at the Summer Examinations, and who have not been disallowed by the Examination Board, will be permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, in the Autumn of the same year. Marks from all passed modules are carried forward to the Supplemental Examination.</p> <p>For failed courses assessed by Continuous Assessment only, resubmission of work must be made within three months of notification of the grade.</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 for any module in a repeat examination, or for any work resubmitted for a course assessed by Continuous Assessment only, is a pass (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.</p> <p>Please refer to the Book of Modules for requirements governing the Autumn Supplemental Examination for individual modules.</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.

CHEMISTRY

Postgraduate Diploma in ANALYTICAL CHEMISTRY	
Time:	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 year at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
Modules:	Students take 60 credits as follows: 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:	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 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.

MSC ANALYTICAL CHEMISTRY; ENVIRONMENTAL ANALYTICAL CHEMISTRY; PHARMACEUTICAL ANALYSIS	
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).
Postgraduate Certificate/Diploma Exit Awards:	<i>Postgraduate Diploma/Certificate in Analytical Chemistry</i> : Candidates who pass but fail to achieve the requisite grade of 50% across Part I or who pass Part I and do not wish to complete Part II, may opt to change their registration to a Postgraduate Diploma in Analytical Chemistry and complete and pass a project report (CM6019 – 10 credits) over the summer for examination at Autumn or Winter Examination Board. Alternatively, candidates may opt to exit the programme with a Postgraduate Certificate in Analytical Chemistry) without completing CM6019.
Degree Award:	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.
Honours:	MSc Postgraduate Diploma Honours will be awarded on the basis of the overall aggregate marks awarded as follows: First Class: 70% - 100% Second Class: 60% - 69% Pass: 40% - 59% Honours will not be awarded at the Autumn Supplemental Examination or in a Repeat Year.
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. 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

	<p>passed modules and marks obtained in repeated modules.</p> <ul style="list-style-type: none">○ 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.
<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.

COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Higher Diploma in Applied Computing Technology (FULL TIME)	
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 60 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: 1200.
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 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 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). MSc in Computing Science: Candidates who have obtained at least First Class Honours in the Higher Diploma in Applied Computing Technology, having attained at least First Class Honours in the module <i>CS1117 Introduction to Programming</i> , may apply to enter the MSc in Computing Science.
Honours:	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%) Pass: an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)
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:	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 board must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules. Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.

Higher Diploma in Applied Computing Technology (FULL TIME)	
<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 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.
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; otherwise they cannot continue in the programme.

Higher Diploma in Applied Computing Technology (PART TIME) – YEAR 2	
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 60 credits of taught modules as follows: http://www.ucc.ie/calendar/postgraduate/Diploma/Science/page14.html
Marks Maxima:	100 per five 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 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). MSc in Computing Science: Candidates who have obtained at least First Class Honours in the Higher Diploma in Applied Computing Technology, having attained at least First Class Honours in the module <i>CS1117 Introduction to Programming</i> , may apply to enter the MSc in Computing Science.
Honours:	Honours will be awarded on the basis of the overall aggregate marks awarded over the two years 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:	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 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.
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

Higher Diploma in Applied Computing Technology (PART TIME) – YEAR 2	
	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.

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>
Modules:	<p>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</p>
Marks Maxima:	<p>100 per five credit module, 200 per ten credit module, 600 per thirty credit module. Total Marks: 1800.</p>
Distribution of Marks:	<p>Taught Modules: 1200 marks Dissertation: 600 marks Total: 1800 marks</p> <p>Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> (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>Students achieving an aggregate of at least 60% with not less than 40% in each taught module at their first attempt are deemed eligible to proceed to the Dissertation in Computing Science (CS6400).</p> <p><i>MSc Degree Award:</i> A student who obtains an aggregate mark of at least 60% across the taught modules, and not less than 40% in the Dissertation in Computing Science (CS6400) will be eligible for the award of the MSc in Computing Science.</p>
Postgraduate Diploma in Computing Science Exit Award:	<p>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.</p> <p>A student who proceeds to the research dissertation but does not attain 40% or higher in the Dissertation (CS6400) will graduate with a <i>Postgraduate Diploma in Computing Science</i>.</p>
Honours:	<p>MSc in Computing Science: 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%)</p> <p>Postgraduate Diploma in Computing Science: 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) 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%)</p>

MSc COMPUTING SCIENCE	
Exemptions:	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.
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. ○ 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.

PG Diploma Data Science and Analytics	
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:	<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>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:</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 DATA SCIENCE AND ANALYTICS	
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. Results for the dissertation will be returned to the Winter Examination Board. The Research Dissertation must be submitted by end of the first academic year of registration for the programme, for examination by internal and external examiners. Students may elect to take the MSc on a part-time basis (over 2 years). Students taking the course on a part-time basis will need to complete the 30 core credits plus 15 elective credits (of their choice) in year 1 and the remaining 15 credits of electives plus a 30 credit dissertation in year 2.
Modules:	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:	<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>Postgraduate Diploma in Data Science and Analytics:</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>
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

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 <i>Book of Modules</i> .
Honours:	<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>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:</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 Summer Examination Board will be allowed one opportunity to repeat all failed/absent modules at the Autumn Supplemental Examination immediately following the Summer Examination Board in which the module(s) was failed. - 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:	All marks, including those wholly assessed by Continuous Assessment (such as individual and group project work; tests; presentations; and reports) will be forwarded to the Summer Examination Board. The project report and associated project materials must be submitted by the first Friday in October in the year following the year in which the student commenced the programme (full-time students) and by the first Friday in October in the second year following the year in which the student commenced the programme (part-time students). Results for the Project (CS6200) will be presented to the Winter Examination Board in the appropriate year.
Modules:	Students take 60 credits of taught modules plus a 30-credit project – as outlined at: http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#Interactive
Marks Maxima:	100 per 5 credit module, 600 per 30 credit module. Marks Part I 1200, Marks Part II 600. Total Marks 1800.
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> .
Pass Standard (module level):	The pass standard for each module is 40%.
Pass and Progression Standard (programme level):	To pass Part I, a student must attain a mark of at least 40% in each of the lecture modules. To pass Part II a student must attain a mark of at least 40% in the CS6200 project. Students achieving an aggregate of at least 50%, with not less than 40% in each taught module at their first attempt are deemed eligible to proceed to Part II.
Postgraduate Diploma in Interactive Media Exit Award:	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.
Honours (if applicable):	First Class Honours (MSc in Interactive Media) Will be awarded to a student who (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> Second Class Honours (MSc in Interactive Media) Will be awarded to a student who (i) Achieves the pass standard of 40% in each of the lecture modules;

MSC INTERACTIVE MEDIA (FULL-TIME AND PART-TIME)	
	<p>(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> <p>Pass (MSc in Interactive Media) Will be awarded to a student who</p> <p>(i) Achieves the pass standard of 40% in each of the lecture modules; (ii) Achieves an aggregate of at least 720/1800 (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>
	<p>First Class Honours (Postgraduate Diploma in Interactive Media) Will be awarded to a student who</p> <p>(i) Achieves the pass standard of 40% in each of the lecture modules; (ii) Achieves an aggregate of at least 840/1200 (70%) across all modules.</p> <p>Second Class Honours (Postgraduate Diploma in Interactive Media) Will be awarded to a student who</p> <p>(i) Achieves the pass standard of 40% in each of the lecture modules; (ii) Achieves an aggregate of at least 720/1200 (60%) across all modules</p> <p>Pass (Postgraduate Diploma in Interactive Media) Will be awarded to a student who</p> <p>(i) Achieves the pass standard of 40% in each of the lecture modules; (ii) Achieves an aggregate of at least 480/1200 (40%) across all modules</p> <p>Honours will not be awarded in a Supplemental or Repeat Year Examination.</p>
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.

MSC SOFTWARE AND SYSTEMS FOR MOBILE NETWORKS	
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>
Modules:	<p>Students take 60 credits of taught modules plus a 30-credit Research Project, as detailed at: http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html</p>
Marks Maxima:	<p>100 marks per 5 credit module, 600 marks per 30 credit module. Total marks: 1800.</p>
Distribution of Marks:	<p>Taught Modules: 1200 marks Dissertation: 600 marks Total: 1800 marks</p> <p>Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> (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>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 Software and Systems for Mobile Networks (CS6300).</p> <p>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 Software and Systems for Mobile Networks (CS6300) will be eligible for the award of the MSc Software and Systems for Mobile Networks.</p>
Postgraduate Diploma in Software and Systems for Mobile Networks Exit Award:	<p>Postgraduate Diploma in Software and Systems for Mobile Networks:</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 Software and Systems for Mobile Networks</i>. Students may also opt to exit the programme and graduate with a <i>Postgraduate Diploma in Software and Systems for Mobile Networks</i> provided they have achieved a pass in each taught module.</p> <p>A student who proceeds to the research dissertation but does not attain 40% or higher in the Research Dissertation (CS6300) will graduate with a <i>Postgraduate Diploma in Software and Systems for Mobile Networks</i>.</p>
Honours:	<p>MSc in Software and Systems for Mobile Networks:</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, 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>Postgraduate Diploma in Software and Systems for Mobile Networks:</p> <p>Students will be eligible for the award of honours on the basis of the marks achieved</p>

MSC SOFTWARE AND SYSTEMS FOR MOBILE NETWORKS	
	<p>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>
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. ○ 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.

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)	
<i>Time:</i>	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.
<i>Distribution of Marks:</i>	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.
<i>Qualifying Standard:</i>	55%

MSC ACTUARIAL SCIENCE	
Time:	<p>Taught modules will be examined by Continuous Assessment comprising a written Departmental Test and a portfolio of Directed Study.</p> <p>Part 1: Marks for the taught modules ST6001, ST6002, ST6003, ST6004, PA6007, and for ST6006 or ST6010, 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: Marks for the taught modules ST6005 and ST6008 and for the research project ST6009 will be presented to the Autumn Examination Board. For students failing to achieve the pass standard in modules ST6005 and ST6008 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:	Students take 90 credits of taught modules as outlined in the College Calendar: http://www.ucc.ie/calendar/postgraduate/Masters/science/page04.html#actuarial
Marks Maxima:	100 per five credit module, 200 per ten credit module, 300 per fifteen credit module. 400 per twenty credit module.
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 and Progression (programme level):	<p>MSc in Actuarial Science Progression to Part 2, including to one of the two taught modules ST6005 and ST6008, will be based on students' performance in the 60 credits of taught modules ST6001, ST6002, ST6003, ST6004, PA6007, and ST6006 or ST6010. To progress to Part 2 students must:</p> <p>(i) obtain an overall aggregate mark of not less than 600/1200 (50%) on these 60 credits of taught modules at the student's first attempt (ii) pass all 60 credits of these taught modules.</p>
Degree Award:	<p>To pass and receive an <i>MSc in Actuarial Science</i> students must:</p> <p>(i) obtain an overall aggregate mark of not less than 720/1800 (40%) across all 90 credits of modules (ii) 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) Second Class Honours Grade 1: an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 900/1800 marks (i.e. 50% and above but less than 60%) Pass: an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 50%)</p> <p>Postgraduate Diploma in Actuarial Science Students will be eligible for the award of honours on the basis of the marks achieved</p>

	<p>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) Second Class Honours Grade 1: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: 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%)</p>
Postgraduate Diploma in Actuarial Science Exit Award:	<p>Postgraduate Diploma in Actuarial Science: 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 modules ST6001, ST6002, ST6003, ST6004, PA6007, and ST6006 or ST6010, (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).
Exemptions:	All passed modules carry an exemption, which is limited to a period of 1 academic year subsequent to the award of the exemption.
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, if any, for individual modules. o Students who fail to achieve the pass standard for the year at the Summer / Autumn Examination must repeat all failed / absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. o Marks from all passed modules are carried forward to the Supplemental Examination. o There is provision for repeating failed departmental tests. The mark for the portfolio element of Continuous Assessment is carried forward on failed modules. 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:	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 MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING	
Time:	Marks for all taught modules, including those wholly assessed by Continuous Assessment, will be presented to the relevant Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. The minor dissertation (AM6012) must be submitted before the end of the academic year (i.e. the September following the date of first registration in the case of full-time students and the September following the date of second registration in the case of part-time students) and will be examined in October.
Modules:	Students take 90 credits as follows: http://www.ucc.ie/calendar/postgraduate/Masters/science/page05.html#4
Marks Maxima:	100 per five credit module, 200 per ten credit module. Total Marks: 1800.
Distribution of Marks:	Written Examinations: 1200 Minor Dissertation: 600 Written examinations include continuous assessment and computer based examinations. Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , (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 who achieve the pass standard in each of the taught modules and an aggregate of at least 50% across all taught modules at their first attempt are deemed eligible to proceed to take the minor dissertation module, AM6012.
Postgraduate Diploma in Mathematical Modelling and Scientific Computing Exit Award:	Students failing to reach this progression standard, but who achieve a pass in each of the taught modules, graduate with a <i>Postgraduate Diploma in Mathematical Modelling and Scientific Computing</i> . Students may also opt to exit the programme and graduate with a <i>Postgraduate Diploma in Mathematical Modelling and Scientific Computing</i> provided they have achieved a pass in each taught module.
Honours:	MSc in Mathematical Modelling and Scientific Computing Honours will be awarded on the basis of the overall aggregate mark: First Class Honours: an aggregate of at least 1260/1800 marks (i.e. 70% and above) Second Class Honours Grade 1: an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 900/1800 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 810/1800 marks (i.e. 45% and above but less than 50%) Pass: an aggregate of at least 760/1800 marks (i.e. 40% and above but less than 45%) Postgraduate Diploma in Mathematical Modelling and Scientific Computing: Honours will be awarded on the basis of the overall aggregate mark: First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above) Second Class Honours Grade 1: an aggregate of at least 720/1800 marks (i.e. 60% and above but less than 70%) Second Class Honours Grade 2: an aggregate of at least 600/1800 marks (i.e. 50% and above but less than 60%) Third Class Honours: an aggregate of at least 540/1800 marks (i.e. 45% and above

	<p>but less than 50%) Pass: an aggregate of at least 480/1800 marks (i.e. 40% and above but less than 45%)</p>
<p>Supplemental Examinations:</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 Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i> o Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the 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. 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.

MICROBIOLOGY

MSC BIOINFORMATICS AND COMPUTATIONAL BIOLOGY							
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 at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Marks for the Dissertation will be submitted to the Autumn Examination Board, with no Supplemental Examination.						
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:	100 marks per 5 credit module; 200 marks per 10 credit module, 600 marks per 30 credit module. Total Marks:1800						
Distribution of Marks:	<p style="margin-left: 40px;">Taught Modules: 1200 marks Research Dissertation: 600 marks Total Marks: 1800</p> <p>Written Examinations may include Continuous Assessment and Practical Elements where applicable. Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> (www.ucc.ie/academic/modules/)</p>						
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 55%, with not less than 40% in each taught module at their first attempt, are deemed eligible to proceed to 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 55% 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:	<p>MSc</p> <p>Postgraduate Diploma</p> <p><i>Postgraduate Diploma</i></p> <p>Honours will be awarded on the basis of the overall aggregate marks awarded as follows:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 40%;">First Class:</td> <td style="text-align: right;">70% - 100% (i.e. at least 1260/1800 marks)</td> </tr> <tr> <td>Second Class:</td> <td style="text-align: right;">60% - 69% (i.e. at least 1080/1800 marks but less than 1260/1800 marks)</td> </tr> <tr> <td>Third Class:</td> <td style="text-align: right;">55% - 60% (i.e. at least 990/1800 marks but less than 1080/1800 marks)</td> </tr> </table> <p>Pass: an aggregate of at least 720/1800 marks (i.e. 40% and above but less than 55%)</p>	First Class:	70% - 100% (i.e. at least 1260/1800 marks)	Second Class:	60% - 69% (i.e. at least 1080/1800 marks but less than 1260/1800 marks)	Third Class:	55% - 60% (i.e. at least 990/1800 marks but less than 1080/1800 marks)
First Class:	70% - 100% (i.e. at least 1260/1800 marks)						
Second Class:	60% - 69% (i.e. at least 1080/1800 marks but less than 1260/1800 marks)						
Third Class:	55% - 60% (i.e. at least 990/1800 marks but less than 1080/1800 marks)						
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	o Please refer to the <i>Book of Modules</i> (www.ucc.ie/academic/modules/) for						

MSC BIOINFORMATICS AND COMPUTATIONAL BIOLOGY	
Examinations:	<p>requirements governing the Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for the Research Dissertation (MB6303).</i></p> <ul style="list-style-type: none"> ○ 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: 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/

Second University Examination	
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 (programme level):	To pass Third Year and progress to the PhD University Examination, a candidate must pass ML7005 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.

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