Programme Specification

Philosophy and Mathematics (with a Year Abroad) (2018-19)

This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if s/he takes full advantage of the learning opportunities that are provided.

Awarding Institution	University of Southampton
Teaching Institution	University of Southampton
Mode of Study	Full-time
Duration in years	4
Accreditation details	None
Final award	Bachelor of Arts with Honours (BA (Hons))
Name of award	Philosophy and Mathematics (with a Year Abroad)
Interim Exit awards	Certificate of Higher Education (CertHE)
	Diploma of Higher Education (DipHE)
	Bachelor of Arts with Honours (BA (Hons))
FHEQ level of final award	Level 6
UCAS code	VG52
Programme code	5223
QAA Subject Benchmark or other external reference	Mathematics, Statistics And Operational Research 2007, Philosophy 2007
Programme Lead	Conor McHugh (cm1e11)

Programme Overview

Brief outline of the programme

Both Philosophy and Mathematics develop the ability to reason rigorously, to think clearly, to think abstractly, and to analyse and organise complex ideas.

Because of these shared attributes, Mathematics has always had a special relationship with philosophy. Some of the greatest mathematicians have been philosophers, and vice versa. A Joint Honours degree in Philosophy and Mathematics at Southampton enables you to explore that relationship in depth. This will give you an unparalleled opportunity to develop your ability to think clearly, critically and imaginatively, to understand varying points of view, to organise and develop ideas, and to work independently. The flexible curriculum will enable you to balance

your choice of modules according to your own interests, while also ensuring that you graduate with skills essential to a successful career or further study.

Your contact hours will vary depending on your module/option choices. Full information about contact hours is provided in individual module profiles.

Learning and teaching

Our teaching draws upon the cutting-edge research of Southampton's academics, all of whom are actively engaged in presenting and publishing their work in philosophy and mathematics to international audiences.

We place special emphasis on small group teaching. Alongside lectures, you will participate from your first part of study in tutorials and seminars in which you will explore and develop your own ideas in discussion with fellow students and staff.

There are specialist online resources for each module you take and in mathematics we make use of computer-based learning techniques that build on the knowledge and understanding you acquire in lectures.

Each student is assigned a Personal Academic Tutor, a leading academic who provides help and support at every stage of study.

Throughout your degree, we impart advanced skills in reasoning, research, communication, and analysis, skills which, alongside the support offered by the University's career service, will prepare you for further study or a future career.

Assessment

You will be assessed by more than just essays and exams. Depending on the modules you choose, you will work in teams, give presentations, submit group projects, engage in debates, and manage larger research projects such as dissertations. The nature of the assessment task is appropriate to the issues you are studying and the range of tasks allows you to develop the skills you need for further study or the world of work.

Special Features of the programme

You have the opportunity to study abroad for either a semester or a full year as part of this programme. Students on the Year Abroad programme will spend Part Three of their programme at one of the Faculty's partner universities and will continue with Part Four of the curriculum upon return to Southampton in their fourth year. Students who choose to spend a semester abroad will do so in their second year and will continue their Part Two curriculum at the partner university, Part Three of the programme will be completed at Southampton.

All students intending to go abroad are required to take the HUMA2012 preparation module before their departure. For students wishing to go abroad for one semester they will normally complete HUMA2012 during Part One of their programme. For all other students going abroad for a full year they will complete HUM2012 during Part Two of their programme. All students who spend the year abroad are also required to complete HUMA3013 whilst they are away.

Please note: As a research-led University, we undertake a continuous review of our programmes to ensure quality enhancement and to manage our resources. As a result, this programme may be revised during a student's period of registration; however, any revision will be balanced against the requirement that the student should receive the educational service expected. Please read our Disclaimer to see why, when and how changes may be made to a student's programme.

Programmes and major changes to programmes are approved through the University's programme validation process which is described in the University's Quality handbook.

Educational Aims of the Programme

The aims of the programme are to:

- provide you with an understanding of the main views, arguments and positions of major philosophers in the Western tradition.
- introduce you to some of the central theories, problems and arguments concerning topics within core areas of general philosophy (for example, meaning, mind, value, truth, knowledge, existence).
- introduce you to the philosophical study of particular areas of human practice and inquiry (for example, science, mathematics, religion, art, and politics).
- provide you with knowledge and understanding of mathematics.
- enable you to develop advanced mathematical skills.
- provide you with the opportunity to acquire and develop high level competence in problem-solving skills.
- enable you to engage with issues and ideas at the cutting-edge of contemporary research in philosophy and mathematics.
- allow you to appreciate the bearing of your studies in philosophy on your studies in mathematics, and vice versa.
- encourage you to think critically, develop the ability to learn independently and remain receptive to fresh ideas and approaches.
- ensure that you develop the skills and abilities required for further study and/or your future career path.

Programme Learning Outcomes

Knowledge and Understanding

On successful completion of this programme you will have knowledge and understanding of:

A1. the views and arguments advanced and explored in the work of key thinkers within Western Philosophy, and the relevance of those views and arguments to contemporary philosophy.

A2. the wide range of techniques of reasoning philosophers employ in analysing, exploring and evaluating ideas and arguments.

A3. the defining problems of central areas of philosophy and of the interconnections between them as well as of the prominent attempts to resolve those problems.

A4. ideas at the forefront of current philosophical research.

Teaching and Learning Methods

PLEASE NOTE: The learning outcomes below concern the Philosophy side of the programme. Learning outcomes for Mathematics can be found in the BSc Mathematics programme specification

We employ a wide variety of teaching methods and provide a range of opportunities for learning, so as to facilitate a progressively deeper understanding of the subject and foster independent learning. We recognise that arriving students are often unfamiliar with the subject or have had only limited experience of it, and we arrange our teaching provision in that light. Methods include:

- Lectures

This is an effective way of conveying information concerning the above topics and explaining ideas to students. As your study progresses, the lectures explore the relevant issues in greater depth to reflect and further the development of your knowledge and understanding.

- In-Class Discussion

This provides an opportunity for students to engage in discussion with peers and to raise questions concerning the material covered in lectures. Sometimes discussion is initiated by student presentations.

- Tutorials

In Philosophy, these sessions involving small groups of students in their 1st part of study assist students in their early attempts to read, write about and understand philosophical issues. The starting-point for discussion is always the topic of a short essay, which students revise in light of that discussion and individual meetings with the tutor.
In Mathematics, the tutorials provide opportunities to practice your mathematical techniques in solving problems.

- Seminars

In the 2nd part, students participate in weekly seminars involving 8-10 students. Individual presentations, focused on extracts from key historical texts, initiate student-led discussion of the issues the extracts raise.

- Consultation with academic staff

All academic staff hold 'advice and feedback hours' during which you can drop in for individual discussion of the ideas and arguments encountered in lectures and your reading, or which you have arrived at yourself.

- Research supervision

In the final part, you will undertake a dissertation (an extended research project) or equivalent piece of work in mathematics, supervised by a member of academic staff with expertise in the area it concerns. In preparing the dissertation, you will have the opportunity to meet regularly with the supervisor to explore the issues it concerns, to receive guidance on your research and reading, and to receive feedback on the work as it progresses.

- Independent study

Independent study forms an essential part in the development of your knowledge and understanding. This will involve careful reading of primary and secondary texts, thoughtful reflection on issues raised in those texts or in class, and arriving at your own considered opinions on the topics you are studying.

- Computer-based learning

training in the use of mathematical and statistical software packages.

Assessment Methods

We employ a wide variety of tasks which enable you, and staff, to assess your knowledge and understanding of the ideas, techniques and arguments you are studying. Some tasks contribute to the grade you receive and all allow you to be sure that you are working effectively. Written or verbal feedback is available to students on assessment tasks.

Methods of assessment may include:

- Essay
- Exam
- Textual commentaries
- Research proposal
- Individual presentation
- Group presentation
- Group research project
- Dissertation
- Annotated bibliography
- Reflective statement and peer evaluation
- Essay plan
- In class reading exercises
- Debates

Particular assessment tasks are appropriate to the area of study, and the exact nature of the task is determined by the part at which you are studying. For example, an exam in your first part might involve several questions while an exam in your final part might involve one question, inviting you to examine a single issue in depth and detail. Likewise, with each part of study, you can expect the assessment task to call for more independent study and thinking. For example, in your final part you complete a dissertation or equivalent piece of work, an extended piece of writing on a topic of your choice, which is the product of your own research (guided by a supervisor).

Subject Specific Intellectual and Research Skills

On successful completion of this programme you will be able to:

B1. interpret complex philosophical texts, including historical texts from a variety of traditions.

B2. identify, evaluate and analyse philosophical problems, positions and arguments.

B3. present and debate philosophical ideas, orally and in writing, in an open-minded, clear and rigorous way.

B4. formulate your own views with respect to various philosophical issues and defend those views with arguments.

Teaching and Learning Methods

Activities designed to enhance the above skills are integrated into all aspects of teaching in Philosophy and Mathematics (see above). Activities particularly important for the enhancement of your skills in philosophical thinking and research include:

- 1st part Philosophy tutorials, which help students to develop their skills in extracting ideas and arguments from philosophical texts, and presenting and assessing those arguments in writing.
- 1st part Mathematics tutorials, in which you practice mathematical techniques and problem-solving.
- 2nd part seminars, in which students give individual presentations, presenting orally philosophical views and reasoning.
- a compulsory 1st part course in reason and argument, which introduces students to the formal and informal techniques philosophers use in presenting and assessing arguments (see below).
- in-class discussion, in which students express their own views with respect to the issues they are studying, and debate those views with peers.

Assessment Methods

We make use of various assessment tasks which are designed to encourage the above skills and give students a chance to demonstrate them (see above). Methods particularly important for the assessment of these skills include:

- essays, which demonstrate your ability to interpret and engage critically with philosophical texts, to construct and develop arguments, and to show your command of the vocabulary philosophers use.
- presentations, which allow us to assess and provide feedback on your ability to express verbally philosophical ideas and positions, including your own.
- the dissertation, should you choose to complete this in philosophy, in which you develop a sustained line of argument of your own and examine philosophical ideas in considerable depth and detail.
- tests in which you apply the mathematical methods you are developing.

Transferable and Generic Skills

On successful completion of this programme you will be able to:

C1. analyse and present ideas and positions, both orally and in writing.

C2. undertake, with appropriate supervision, independent work.

C3. work effectively to deadlines.

C4. argue effectively and dispassionately.

C5. manage, plan and execute projects.

C6. understand and extract relevant information from complex texts.

Teaching and Learning Methods

Skills are imparted in all aspects of teaching and learning in Philosophy and Mathematics. Methods particularly important for developing transferable skills include:

- a compulsory 1st part course in reason and argument, which develops skills in critical thinking.
- library skills sessions, which take place during new students' induction, as well as when embarking on the dissertation or equivalent project, which help students learn how to identify and make use of resources, including online resources.
- seminars, in which students present their own views and those of others verbally.
- tutorials in Philosophy, in which students develop their skills in clearly presenting ideas and arguments in writing.
- tutorials in Mathematics, in which students apply the mathematical methods they have learnt to problems.
- in-class discussion, in which students advance and defend their own positions.

Assessment Methods

All assessment tasks are designed in part to encourage and assess the above skills. Methods particularly important for developing transferable skills include:

- group research projects, which require students to work together effectively, to delegate responsibilities, and to manage time.
- dissertations, which require independent study, research skills, time management, and the ability to present complex ideas in writing.
- essays, in which students demonstrate their ability to interpret complex texts, to present their views and those of others in writing, to argue for and against various positions, and to work to a deadline.
- exams, which test your ability to present and debate ideas in writing or to apply mathematical techniques under strict time constraints.
- textual commentaries, which demonstrate your ability to extract key information from difficult texts.
- presentations, which require you to articulate ideas and arguments verbally and in an engaging fashion.

Programme Structure

The programme structure table is below:

Information about pre and co-requisites is included in individual module profiles.

Part I

Programme details

The programme is normally studied over three years full-time. However, it may also be taken on a part-time basis for a period of not less than four and not more than eight academic years. Study is undertaken at three parts (each corresponding to one year of full-time study, excluding study abroad). There are 30 study weeks in each year.

The programme is divided into modules. Full-time students take 120 credits (CATS) at each part, normally 60 in each semester. Single modules have a credit value of 15, while double modules have a credit value of 30 CATS. Some modules are compulsory, though most are optional. If a module is core, it is compulsory and you must pass it in order to progress to the next part of your degree programme.

You must take at least 45 CATS (equivalent to three single modules) in both Philosophy and Mathematics at each part. So long as you take any compulsory modules, you may take the remaining credits in either subject area or up to 30 credits outside of Philosophy and Mathematics.

The programme is designed to ensure that your learning is progressive. The 1st part is foundational. You will take compulsory modules which provide you with crucial skills in reasoning, as well as introducing you to core areas of philosophy and the fundamental principles of linear algebra and calculus. In addition, you will take one optional module.

This grounding is extended in the second part by further compulsory modules in the history of philosophy, analysis, probability and statistics, and partial differential equations. In addition you will take four optional modules. These will investigate, among other things, the theories, views and arguments advanced and explored in central areas of philosophy, such as moral philosophy, aesthetics, epistemology, philosophy of religion and logic. This flexibility allows you to build the course around your developing interests.

In your final part, you have the option to complete a dissertation in philosophy on a topic of your choosing or complete a module on communicating and researching mathematics. You then select the remaining modules from a wide selection. Modules at this part typically concern topics on which academic staff are actively researching and they aim to introduce you to the cutting-edge of research and scholarship.

The modules offered can vary from year to year but the following is a list of those which are typically available. Further information about many of the modules can be found here:
http://www.soton.ac.uk/humanities/undergraduate/courses/philosophy/vg51_philosophy_and_mathematics.page

Philosophy Assessment:

Formative assessment tasks (e.g. essay drafts or plans) will enable you to receive feedback to guide you in your work for summative assessments. In some modules these formative assessment tasks may be mandatory and non-submission or fail may incur a penalty to your mark for the module.

Opportunity to Study a Minor Subject:

The structure of your degree programme allows you to take up to 30 credits of modules outside of Philosophy and Mathematics in each part.

If you wish, you can choose modules that build into a minor pathway, the title of which will be mentioned in your degree transcript. Details of the minors available and the modules that are included can be found at www.southampton.ac.uk/cip.

Availability of Modules
The information contained in programme specification is correct at the time it was published. Typically, around a

quarter of optional modules do not run due to low interest or unanticipated changes in staff availability. If we do have insufficient numbers of students interested in an optional module, this may not be offered. If an optional module will not be run, we will advise you as soon as possible and help you choose an alternative module.

(Certificate of Higher Education, 60 ECTS (120 CATS))

Exit Award: Certificate of Higher Education

Part I Compulsory Modules

Code	Module Title	ECTS	Type
MATH1059	Calculus	7.5	Optional
MATH1060	Multivariable Calculus	7.5	Optional
PHIL1005	Ethics	7.5	Compulsory
PHIL1002	Knowledge and Mind	7.5	Compulsory
MATH1048	Linear Algebra I	7.5	Compulsory
PHIL1016	Reason and Argument	7.5	Compulsory

Part I Optional Modules

Code	Module Title	ECTS	Type
MATH1057	Dynamics and Relativity	7.5	Optional
PHIL1021	Existentialism and its Origins	7.5	Optional
PHIL1020	Faith and Reason	7.5	Optional
MATH1049	Linear Algebra II	7.5	Optional
MATH1058	Operational Research I and Mathematical Computing	7.5	Optional
PHIL1026	Applied Ethics	7.5	Optional
PHIL1027	Freedom and Responsibility	7.5	Optional

Part II

(Diploma of Higher Education, 120 ECTS (240 CATS (120)

Exit Award: Diploma of Higher Education

Part II Compulsory Modules

Code	Module Title	ECTS	Type
MATH2039	Analysis	7.5	Compulsory
PHIL2028	Appearance and Reality	7.5	Compulsory
MATH1024	Introduction to Probability and Statistics	7.5	Compulsory
MATH2038	Partial Differential Equations	7.5	Compulsory

Part II Core

Code	Module Title	ECTS	Type
HUMA2012	Study Abroad Preparation Module	0	Core

Part II Optional Modules

Code	Module Title	ECTS	Type
PHIL2021	Epistemology	7.5	Optional
PHIL2039	Ethics of Global Poverty	7.5	Optional
MATH2044	Fields and Fluids	7.5	Optional
MATH2049	Geometry and Topology	7.5	Optional
MATH1049	Linear Algebra II	7.5	Optional
PHIL2040	Metaethics	7.5	Optional
PHIL2012	Moral Philosophy	7.5	Optional
PHIL2010	Philosophy of Language	7.5	Optional

PHIL2009	Philosophy of Mind	7.5	Optional
PHIL2037	Philosophy of Religion	7.5	Optional
PAIR2002	Political Thinkers	7.5	Optional
PHIL2001	Aesthetics	7.5	Optional
PHIL2036	Continental Philosophy	7.5	Optional
PHIL2027	Kant	7.5	Optional
PHIL2014	Logic	7.5	Optional
PHIL2032	Metaphysics	7.5	Optional
PHIL2034	Philosophy of Science	7.5	Optional

Part III

Part 3 (Year Abroad)

Students will spend the year abroad in a country where the chosen language is spoken, either as:

- studying on a University course
- on an approved work placement

During the year abroad students are required to complete a Year Abroad Report (HUMA3013). This is assessed on a pass/fail basis.

Code	Module Title	ECTS	Type
HUMA3013	Year Abroad Report Module for Humanities Students	0	Compulsory

Part IV

[BA (Hons) degree, 180 ECTS (360 CATS)]

Exit Award: Conferment of award/graduation

Part IV Compulsory Modules

Code	Module Title	ECTS	Type
MATH3032	Mathematical Investigation and Communication	7.5	Compulsory
PHIL3013	Philosophy Dissertation	15	Compulsory
LANG3011	Seeing and being seen: Study Abroad re-entry	0	Compulsory

Part IV Optional Modules

Code	Module Title	ECTS	Type
PHIL3035	Action, Reason and Ethics	7.5	Optional
PHIL3050	Advanced Aesthetics: Aesthetic Creativity	7.5	Optional
MATH3083	Advanced Partial Differential Equations	7.5	Optional
PHIL3042	Fiction and Fictionalism	7.5	Optional
MATH3033	Graph Theory	7.5	Optional
MATH3076	Hilbert Spaces	7.5	Optional
MATH3084	Integral Transform Methods	7.5	Optional
MATH2013	Introduction to Operational Research	7.5	Optional
PHIL3053	Islamic Philosophy	7.5	Optional
MATH3052	Mathematical Biology	7.5	Optional
MATH3032	Mathematical Investigation and Communication	7.5	Optional
MATH3031	Mathematics Project	7.5	Optional

PHIL3007	Nietzsche	7.5	Optional
MATH3018	Numerical Methods	7.5	Optional
MATH3081	Operational Research	7.5	Optional
MATH3016	Optimization	7.5	Optional
PHIL3051	Other Minds	7.5	Optional
PHIL3054	Philosophical Logic	7.5	Optional
PHIL3020	Philosophy of Mathematics	7.5	Optional
PHIL3034	Philosophy of Sex	7.5	Optional
PHIL3049	Puzzles and Paradoxes	7.5	Optional
MATH3006	Relativity, Blackholes and Cosmology	7.5	Optional
PHIL3048	Scepticism	7.5	Optional
PHIL3047	Schopenhauer	7.5	Optional
PHIL3038	The Ethics of Belief	7.5	Optional
MATH2045	Vector Calculus and Complex Variable	7.5	Optional
PHIL3037	Wittgenstein's Later Philosophy	7.5	Optional
PAIR3050	Power and Ethics Before Machiavelli	7.5	Optional

Progression Requirements

The programme will follow the University's regulations for ***Progression, Determination and Classification of Results: Undergraduate and Integrated Masters Programmes*** or the University's regulations for ***Progression, Determination and Classification of Results: Standalone Masters Programmes*** as set out in the General Academic Regulations in the University Calendar: http://www.calendar.soton.ac.uk/sectionIV/sectIV-index.html

Support for student learning

There are facilities and services to support your learning some of which are accessible to students across the University and some of which will be geared more particularly to students in your particular Faculty or discipline area.

The University provides:

- library resources, including e-books, on-line journals and databases, which are comprehensive and up-to-date; together with assistance from Library staff to enable you to make the best use of these resources
- high speed access to online electronic learning resources on the Internet from dedicated PC Workstations onsite and from your own devices; laptops, smartphones and tablet PCs via the Eduroam wireless network. There is a wide range of application software available from the Student Public Workstations.
- computer accounts which will connect you to a number of learning technologies for example, the Blackboard virtual learning environment (which facilitates online learning and access to specific learning resources)
- standard ICT tools such as Email, secure filestore and calendars.
- access to key information through the MySouthampton Student Mobile Portal which delivers timetables, Module information, Locations, Tutor details, Library account, bus timetables etc. while you are on the move.
- IT support through a comprehensive website, telephone and online ticketed support and a dedicated helpdesk in the Hartley Library.
- Enabling Services offering support services and resources via a triage model to access crisis management, mental health support and counselling. Support includes daily Drop In at Highfield campus at 13.00 – 15.00 (Monday, Wednesday and Friday out of term-time) or via on-line chat on weekdays from 14.00 – 16.00. Arrangements can also be made for meetings via Skype.
- assessment and support (including specialist IT support) facilities if you have a disability, long term health problem or Specific Learning Difficulty (e.g. dyslexia).
- the Student Services Centre (SSC) to assist you with a range of general enquiries including financial matters, accommodation, exams, graduation, student visas, ID cards
- Career and Employability services, advising on job search, applications, interviews, paid work, volunteering and internship opportunities and getting the most out of your extra-curricular activities alongside your degree programme when writing your CV
- Other support that includes health services (GPs), chaplaincy (for all faiths) and 'out of hours' support for students in Halls and in the local community, (18.00-08.00)
- A Centre for Language Study, providing assistance in the development of English language and study skills for non-native speakers.

The Students' Union provides

- an academic student representation system, consisting of Course Representatives, Academic Presidents, Faculty Officers and the Vice-President Education; SUSU provides training and support for all these representatives, whose role is to represent students' views to the University.
- opportunities for extracurricular activities and volunteering
- an Advice Centre offering free and confidential advice including support if you need to make an academic appeal
- Support for student peer-to-peer groups, such as Nightline.

Associated with your programme you will be able to access:

· an Personal Academic Tutor, i.e. a member of academic staff to provide personalised academic advise and support.
· a study abroad co-ordinator.
· a careers tutor.
· guidelines on assessment tasks.
· student mentors.
· a special considerations tutor.

Methods for evaluating the quality of teaching and learning

You will have the opportunity to have your say on the quality of the programme in the following ways:

You will have the opportunity to have your say on the quality of the programme in the following ways:

· Completing student evaluation questionnaires for each module of the programme

· Acting as a student representative on various committees, e.g. Staff:Student Liaison Committees, Faculty Programmes Committee OR providing comments to your student representative to feed back on your behalf.
· Taking part in programme validation meetings by joining a panel of students to meet with the Faculty Scrutiny Group

The ways in which the quality of your programme is checked, both inside and outside the University, are:

· Regular module and programme reports which are monitored by the Faculty
· Programme validation, normally every five years.
· External examiners, who produce an annual report
· A national Research Assessment Exercise (our research activity contributes directly to the quality of your learning experience)Higher Education Review by the Quality Assurance Agency

Further details on the University's quality assurance processes are given in the *Quality Handbook.*

Career Opportunities

Our students have gone on to succeed in a dazzling range of careers, including business, law, medicine, journalism, teaching, IT, the civil service, advertising, film and television, and finance. The 2015/16 Destination of Leavers of Higher Education (DLHE) survey found that 97% of our Philosophy graduates were in work or study six months after finishing their degree, with 73% of our graduates in professional or managerial roles.

Career skills are embedded throughout every stage of our course and are developed at every moment of study. Certain modules offer specific teaching in reasoning and communications skills. In addition, there are work experience opportunities to help you understand how your transferable skills apply in the workplace. During your degree you will learn skills such as:

· Critical thinking
· Analysis
· Clear oral and written communication
· Mental agility
· The ability to appreciate different points of view
· Working in groups

In a survey of results in the American GRE tests (tests of verbal, quantitative and analytical skills), Philosophy graduates achieved better average scores than graduates of any other humanities or social science subject.

External Examiner(s) for the programme

Name: Dr Jonathan Webber - Cardiff University

Students must not contact External Examiner(s) directly, and external examiners have been advised to refer any such communications back to the University. Students should raise any general queries about the assessment and examination process for the programme with their Course Representative, for consideration through Staff: Student Liaison Committee in the first instance, and Student representatives on Staff: Student Liaison Committees will have the opportunity to consider external examiners' reports as part of the University's quality assurance process.

External examiners do not have a direct role in determining results for individual students, and students wishing to discuss their own performance in assessment should contact their Personal Academic Tutor in the first instance.

Please note: This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if s/he takes full advantage of the learning opportunities that are provided. More detailed information can be found in the programme handbook.

Appendix 1:

Students are responsible for meeting the cost of essential textbooks, and of producing such essays, assignments, laboratory reports and dissertations as are required to fulfil the academic requirements for each programme of study. In addition to this, students registered for this programme also have to pay for:

Additional Costs

Type	Details
Software Licenses	All software is provided
Hardware	It is advisable that students provide their own laptop or personal computer, although shared facilities are available across the University campus.
Computer discs or USB drives	Students are expected to provide their own portable data storage device.
Stationery	You will be expected to provide your own day-to-day stationary items, e.g. pens, pencils, notebooks, etc.). Any specialist stationery items will be specified under the Additional Costs tab of the relevant module profile.
Textbooks	Where a module specifies core texts these should generally be available on the reserve list in the library. However due to demand, students may prefer to buy their own copies. These can be purchased from any source. Some modules suggest reading texts as optional background reading. The library may hold copies of such texts, or alternatively you may wish to purchase your own copies. Although not essential reading, you may benefit from the additional reading materials for the module.
Placements (including Study Abroad Programmes)	Students on placement programmes can expect to cover costs for health and travel insurance, accommodation and living expenses; travel costs; visa costs. This will vary depending on which country you are travelling to. Specific details on what additional costs there will be are detailed in the individual module profiles which can be found under the modules tab of the programmes details of your programme.
Printing and Photocopying Costs	Where possible, coursework such as essays; projects; dissertations is likely to be submitted on line. However, there are some items where it is not possible to submit on line and students will be asked to provide a printed copy. The University printing costs are currently: A4 - 5p per side (black and white) or 25p per side (colour) A3 - 10p per side (black and white) or 50p per side (colour) Please Note: Paper sizes not recognised by the printing devices will prompt you to select the size and then charge a minimum of 50p per black and white copy and a maximum of £1 per colour copy. You can pay for your printing by using the money loaders or by using print copy payment service by going to http://www.southampton.ac.uk/isolutions/students/printing-for-students.page The University Print Centre also offers a printing and copying service as well as a dissertation/binding service. Current printing and copying costs can be found here. They also provide a large format printing service, e.g. Academic posters. Details of current costs can be found here.

In some cases you'll be able to choose modules (which may have different costs associated with that module) which will change the overall cost of a programme to you. Details of such costs will be listed in the Module Profile. Please also ensure you read the section on additional costs in the University's Fees, Charges and Expenses Regulations in the University Calendar available at www.calendar.soton.ac.uk.