NCUK International Foundation Year

NCUK UNIVERSITY PATHWAYS

Proaramme and Module Overview

2025-2026

PROGRAMME OVERVIEW

Title of Programme	International Foundation Year
Programme Code	TBC
Programme Level	Level 3
Maximum Programme Credit Value	120
Language of Study and Assessment	English
Programme Accreditation	N/A
Benchmarking Group	N/A
Progression Routes	TBC

INTRODUCTION

The NCUK International Foundation Year (IFY) programme is a pre-university programme designed for international students to prepare them for study in English-language universities. It develops students' subject knowledge, study skills and English language competency to a level suitable for smooth progression to undergraduate study.

NCUK Universities recognise the programme as meeting their entry requirements for international students, with progression contingent on students satisfying the performance criteria published in the NCUK Course Finder. The list of accepting universities can be seen on the university pages of the NCUK website.

NCUK guarantees students a place on a programme of study at one of the NCUK Universities provided that the student performs to the level specified by the NCUK Guarantee.

EDUCATIONAL AIMS OF PROGRAMME

- ⇒ Prepare international students to meet the academic demands of undergraduate studies.
- ⇒ Provide a high-quality pre-university education that builds essential subject knowledge and study skills.
- ⇒ Enhance students' English language proficiency to support effective and confident communication and comprehension at the undergraduate level.
- ⇒ Enable effective integration into global learning environments and cultivate students' commitment to academic integrity, ethics and critical thinking.
- ⇒ Empower students with the skills and confidence to become independent, self-directed learners.

PROGRAMME STRUCTURE

The International Foundation Year is a modular programme delivered over two semesters, combining academic subject study with focused English language development and core academic skills. Students complete one core language module, three subject-specific modules aligned to their intended undergraduate pathway, and one skills-based module.

There are two available routes:

Standard Route: with English for Academic Purposes (EAP), 120 credits.

Suitable for students who are not native English speakers and do not hold a Secure English Language Test (SELT) that meets the entry requirements of NCUK universities.

Alternative Route: with Research and Communication Skills (RCS) or EAP for Proficient Users (EAPPU), 105 credits.

Suitable for students who have a high level of English proficiency and either hold a Secure English Language Test (SELT) that meets the entry requirements of NCUK universities or have been educated in English but lack a SELT required for visa or university entry purposes.

Subject modules

⇒ Subject Modules provide disciplinary knowledge and foundational understanding in areas relevant to students' chosen progression routes, such as science, business, computing, or the humanities.

Skill-based module

⇒ Skills for Success is a fully online module designed to build essential academic and transferable skills. Delivered asynchronously and integrated across the academic year, it complements and supports students' development in all areas of the programme.

For more information see Appendix A-Programme Map and Module Specifications.

PROGRAMME MAP

International Foundation Year

Students complete one core language module, three subject-specific modules aligned to their intended undergraduate pathway, and one skills-based module.

Core Language Modules

Module Code	Module Title	NCUK Credits	GLH	Independent study hours	Required Prior Study	Co-requisites	Exclusions
IFYEAP004	English for Academic Purposes (EAP)	40	180	220	-	-	EAPPU RCS
IFYEPU003	EAP for Proficient Users (EAPPU)	25	120	130	-	-	EAP RCS
IFYRCS001	Research and Communication Skills (RCS)	25	120	130	-	-	EAP EAPPU

Subject Modules

Module Code	Module Title	NCUK Credits	GLH	Independent study hours	Required Prior Study	Co-requisites	Exclusions
IFYIM001	Integrated Maths	25	120	130	-	-	Technical Maths
IFYTM001	Technical Maths	25	120	130	-	-	Integrated Maths
IFYFM005	Further Maths	25	120	130	-	Technical Maths	-
IFYBI004	Biology	25	120	130	-	-	-

Module Code	Module Title	NCUK Credits	GLH	Independent study hours	Required Prior Study	Co-requisites	Exclusions
IFYCH004	Chemistry	25	120	130	-	-	-
IFYCO002	Computer Science	25	120	130	-	-	-
IFYPH005	Physics	25	120	130	-	-	-
IFYBS005	Business Studies	25	120	130	-	-	-
IFYEC004	Economics	25	120	130	-	-	-
IFYGS002	Global Studies	25	120	130	-	-	-
IFYSC002	Sociology	25	120	130	-	-	-
IFYAD002	Art & Design	25	120	130	-	-	-
IFYAP002	Art & Design Extended Project	50	240	260	-	-	-

Skills-Based Module

Module Code	Module Title	NCUK Credits	GLH	Independent study hours	Required Prior Study	Co-requisites	Exclusions
	Skills for Success	5	0	50	-	-	-

PROGRAMME GRADING SCALE

Core language modules assess four different language skills – Reading, Writing, Speaking and Listening. An overall grade for the module and a grade for each individual skill are awarded based on the following grading scale:

Grade	% Mark
A*	≥90%
A	80-89%
B	70-79%
C	60-69%
D	50-59%
E	40-49%
U	≤39%

Subject modules are graded using following grading scale:

Grade	% Mark	NCUK Points[1]
A*	³80%	56 points
A	70-79%	48 points
B	60-69%	40 points
C	50-59%	32 points
D	40-49%	24 points
E	35-39%	16 points
U	<35%	

Skills-based module is not graded and indicated as completed/not completed.

[1] NCUK points are only assigned to subject modules.

INDICATORS OF QUALITY AND STANDARDS

The NCUK IFY is intended to provide outcomes in subject modules which are comparable to GCE A level (NQF[2] Level 3).
The programme was benchmarked by UK ENIC[3] in 2024 and the conclusion was that these outcomes are met.
Computer Science module has BCS Tech10 accreditation.

MODULE CHOICES

Study Centres are not required to offer all the subject modules available on the IFY programme. Resources and student demand may dictate that Study Centres offer a smaller selection of subject modules. Guidance on how to decide which modules to offer is given in the Programme Framework. If Study Centres wish to add additional subject modules to their offering, they should inform NCUK well in advance, as the addition of some subject modules will require additional accreditation. For example laboratory facilities will need to be inspected if a Study Centre wishes to add a science module to their offering.

Study Centres are required to offer at least one of EAP, EAPPU or RCS, dependent on the English language requirements of students. Further guidance on this is given in the Programme Framework.

CLASS SIZES

Class sizes will vary between each element of the IFY programme. However, EAP (or EAPPU/RCS) classes and pastoral care tutorials must not exceed 16 students per class/tutorial.

Subject class sizes may be varied according to the activity e.g. lecture, seminar or tutorial. The principle to be applied to timetabling and class size should be to give students the opportunity to experience different forms of learning and to maximise opportunities for small-group work and for the development of independent learning skills. In general, NCUK would not expect tutorial or seminar groups to exceed 16 students but class sizes for lectures may be larger.

Staffing of the programme should allow for some one-to-one contact for each student.

[2] National Qualifications Framework for England, Wales and Northern Ireland.
[3] UK ENIC is the UK national information centre for international qualifications and skills. Previously UK NARIC, the organisation was renamed UK ENIC after the UK left the European Union. UK ENIC is managed by Ecctis for the UK government's Department for Education.

ENTRY REQUIREMENTS

Prior to admission to the programme, candidates are required to have obtained:

- ⇒ A recognised upper-secondary school qualification equivalent to GCSEs, AS Levels, or the first year of A Levels, depending on the national education system.
- ⇒ English language proficiency equivalent to IELTS 5.0 overall, with no component below 4.5.
- ⇒ Sufficient academic background in relevant subjects to support success in the chosen pathway (e.g. mathematics or science where applicable).
- ⇒ Basic digital literacy skills, including the ability to navigate a file system, use standard productivity software, and engage with online learning platforms.

For full details of country-specific academic and English language requirements, please refer to the NCUK website.

MODULE OVERVIEWS

The following IFY Module Overviews provide the following information on each IFY module:

- ⇒ Module Specification Information
- ⇒ Module Aims and Learning Outcomes
- ⇒ Module Assessment Strategies

Information on the following IFY Modules is provided here:

- ⇒ Art & Design
- ⇒ Biology
- ⇒ Business Studies
- ⇒ Chemistry
- ⇒ Computer Science
- ⇒ Economics
- ⇒ Further Maths
- ⇒ Global Studies
- ⇒ Integrated Maths
- ⇒ Physics
- ⇒ Sociology
- ⇒ Technical Maths

NCUK International Foundation Year

NCUK UNIVERSITY PATHWAYS

Art & Design

Module Overview

ART & DESIGN SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Art & Design
Module Code	IFYAD002
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. To introduce students to the necessary subject knowledge and understanding required for the successful study of art and design at undergraduate level in an NCUK partner university.
2. To produce a portfolio of practical and contextual work that demonstrates practical and theoretical knowledge and understanding of art and design through an exploration of a range of materials, tools and processes.
3. To produce a portfolio of practical and contextual work that demonstrates an understanding of how ideas can be conveyed in images and artefacts and how these relate to context.
4. To equip students with the subject specific English language, vocabulary and terminology to learn effectively in an NCUK University.
5. To develop the confidence and competence of the students as learners and to assist them in taking responsibility for their own learning through directed study and reading.
6. To practice skills introduced in EAP/EAPPU/RCS lessons and cultivate a commitment to good practice.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Understanding Application/ Subject Specific Skills
LO1	Demonstrate understanding of a range of art and design media, processes, and techniques	Knowledge and understanding
LO2	Apply specialist terminology and language accurately in art and design contexts	Knowledge and understanding
LO3	Analyse how ideas and meanings are conveyed and interpreted in images and artefacts across social and cultural contexts	Intellectual Skills
LO4	Evaluate and reflect critically on your own work and the work of others	Intellectual Skills
LO5	Produce images and artefacts that apply appropriate knowledge and understanding	Application and subject specific skills
LO6	Experiment with and adapt approaches to develop creative work	Application and subject specific skills
LO7	Document experiences and observations through effective visual recording techniques	Application and subject specific skills
LO8	Manage tasks independently and meet deadlines effectively	Transferable Skills
LO9	Investigate and interpret relevant resources to support art and design practice	Transferable Skills
LO10	Organise and communicate ideas clearly using appropriate visual and written formats	Transferable Skills

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning, and Assessment Activities	Study Hours
Guided learning	**120**
• Lectures	92

• Summative Assessment
  ○ Sketchbook
  ○ Research and Reflective Journal
  ○ Portfolio
	28

Independent Study	**130**
• Recommended 4 hours per week over 30 weeks	120
• Revision/Research	10
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment Items	Timing	Learning Outcomes
1	Sketchbook (20%) 100 marks	Week 30	All
2	Research and Reflective Journal (20%) 100 marks	Week 30	All
3	Portfolio (60%) 10-15 Pieces 100 marks	Week 30	All

Sketchbook

A sketchbook that contains both written and visual material. A record of the student's work throughout the module that includes:

⇒ Research

⇒ Exploration and development of ideas

⇒ Reflection

⇒ Evaluation of process and product

Research and Reflective Journal

A Research and Reflective Journal that:

- ⇒ Records what the student has done during the study of this module
- ⇒ Reflects on what the student has done, i.e. a reflective comment on what the student has done
- ⇒ Contains entries that are a minimum of 150 words

Portfolio

A Portfolio consisting of 10-15 fully realised pieces of two or three-dimensional studio work

A Portfolio that:

- ⇒ Is submitted electronically in PDF format
- ⇒ Has a contents page allowing the examiner/moderator to navigate it easily
- ⇒ Contains between 10 and 15 fully realised pieces of two or three-dimensional studio work as evidence of both practical and intellectual knowledge and understanding. Included should be at least one extended collection of work or a project that demonstrates your ability to develop an idea from initial concept to realisation and is supported by elements of work from your Sketchbooks, Research and Reflective Journals
- ⇒ No more than 30 pages in length

NCUK International Foundation Year

NCUK UNIVERSITY PATHWAYS

Biology

Module Overview

BIOLOGY SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Biology
Module Code	IFYBI004
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. Build a strong foundation in biological principles needed for successful progression to degree level study.
2. Enable application of the scientific method effectively in academic and real-world contexts by developing a strong understanding of key biological processes.
3. Develop data interpretation, evaluation, and effective communication skills through scientific inquiry, analytical thinking, and problem-solving in biological and wider academic contexts.
4. Strengthen academic language proficiency and subject-specific vocabulary to support comprehension in academic and scientific contexts.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Understanding Application/Subject Specific Skills
LO1	Analyse the structure and role of biological molecules, cells, and viruses, with a focus on their specific functional adaptations.	Knowledge and understanding Subject specific skills
LO2	Explain the mechanisms of cellular processes, including membrane transport, the cell cycle, DNA replication, and protein synthesis.	Knowledge and understanding Subject specific skills
LO3	Demonstrate an understanding of cellular energetics including the molecular mechanisms involved in photosynthesis and respiration.	Knowledge and understanding Subject specific skills
LO4	Describe the structures and functions of major biological systems in plants and humans, including gas exchange, transport, nervous, reproductive, and urinary systems.	Knowledge and understanding Application and subject specific skills
LO5	Examine the principles of genetics, inheritance and evolution, and explore the applications of DNA technologies.	Knowledge and understanding Application and subject specific skills
LO6	Apply research and laboratory skills to design, conduct, and report on scientific investigations.	Knowledge and understanding Application and subject specific skills

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning and assessment activities	Study Hours
Guided learning	**120**
• Lectures to cover core concepts	80
• Practical lessons / Laboratory work to develop technical skills	20

• Summative Assessment
  ○ Report
  ○ Exam
	5
	5

• Formative Assessment Tasks, e.g. guided feedback sessions/mock exams/mock coursework	10
Independent study	**130**
• Recommended 4 hours per week over 30 weeks for reading, researching, problem-solving, and preparation.	120
• Flipped classroom to revise and summarise prior knowledge	5
• Coursework	5
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment Items	Timing	Learning Outcomes
1	End of Semester 1 Test (30%) 1 hour 45 minutes 60 marks	Week 15	LO1 LO2 LO3
2	Coursework (20%)	Week 25	LO6

	Report of 1550-1900 words (not including table headings, graph and figure labels and legends, calculations, and references) 20 marks	(After the last practical lesson)	
3	Final Examination (50%) 2 hours 35 minutes 90 marks	Week 30	LO1 LO2 LO3 LO4 LO5

Coursework

In the coursework component of the module, students will receive some tutor guidance to research and plan their investigation. The students will then conduct their experimental work and write up their investigation as a scientific report.

The coursework will develop students' investigative skills and contributes 20% to the final grade.

End of Semester 1 Test

The end of semester 1 test covers the first three learning outcomes in the syllabus content and is the first written examination in the module.

This is an exam paper with the duration of 1 hour and 45 minutes which contributes 30% to the final grade. The paper contains a mixture of multiple choice, short and extended answer questions worth a total of 60 marks.

Final Exam

The final examination covers the whole syllabus content of the module.

This is an exam paper with the duration of 2 hours and 35 minutes which contributes 50% to the final grade. The paper contains a mixture of multiple choice, short and extended answer questions worth a total of 60 marks.

NCUK International Foundation Year

NCUK UNIVERSITY PATHWAYS

Business Studies

Module Overview

BUSINESS STUDIES SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Business Studies
Module Code	IFYBS005
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. Provide students with a comprehensive foundation in core business areas including marketing, finance, HRM, supply chain management, operations management, entrepreneurship, globalisation, and sustainability while fostering an understanding of the external environment, managing change, ethical issues, and challenges that shape modern business practices.

2. Develop students' ability to critically analyse business situations, apply relevant theories, and evaluate solutions, focusing on global and sustainable business practices, preparing them for complex problem-solving and higher-order thinking.

3. Enhance students' understanding of business dynamics and cultural diversity, developing their ability to communicate effectively across different international contexts.

4. Promote self-directed learning, and the development of research, analytical, and communication skills, ensuring students are well-prepared for professional success and to progress to undergraduate study.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Understanding Application/Subject Specific Skills
LO1	Explain the role of entrepreneurship, innovation, globalisation, and sustainability in shaping modern business practices and strategies across developed and emerging markets.	Knowledge and understanding Application
LO2	Assess the business environment, including the impact of size, structure, and strategic analysis on business operations, and recommend strategies for effective decision-making.	Knowledge and understanding Application and subject specific skills
LO3	Analyse key marketing concepts, including market analysis, segmentation, the marketing mix, and strategic planning, to develop effective marketing strategies.	Knowledge and understanding Application and subject specific skills
LO4	Apply financial management practices, including planning, cost analysis, cash flow management, and budgeting, to support business decision-making.	Knowledge and understanding Application and subject specific skills
LO5	Examine organisational structure, culture, and change management, and their impact on business performance, adaptability, and strategic decision-making.	Knowledge and understanding Application and subject specific skills
LO6	Develop an understanding of operations management, operations strategy, and supply chain management, and their role in improving efficiency, productivity, and competitiveness within an organisation.	Knowledge and understanding Application and subject specific skills
LO7	Evaluate the role of Human Resource Management (HRM), management and	Knowledge and understanding

	leadership styles, and motivational theories in shaping organisational performance and employee development.	Application and subject specific skills

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning, and Assessment Activities	Study Hours
Guided learning:	**120**
• Lectures (including case study discussions)	93
• Workshops/Guidance Sessions	10
• Formative Coursework Assignment (guided feedback/ guided tutorial)	1
• Practice Tests & Past Paper Review	8

• Summative Assessments
  ○ Student presentations
  ○ Final examination
	
	4
	4

Independent study	**130**
• Recommended 4 hours per week over 30 weeks for reading, researching, problem-solving, and preparation.	120
• Minimum Recommended Time Allocation for Summative Coursework Assessment prep	10
Total Learning Time	**250**

Assessment Strategy

Group-Based Project

The Group-Based Project is a summative assessment designed to foster collaborative learning and practical application of key business concepts. In this assignment, students work in groups of 3 to develop a detailed business start-up project. The task involves conceptualising an innovative and sustainable product or service and presenting it through a visually engaging PowerPoint presentation, and a 15-minute pitch to their peers and tutor. This comprehensive format encourages the integration of research, strategic thinking, and business communication skills.

The assignment aligns with four of the module's learning outcomes, as it requires students to demonstrate their understanding of entrepreneurship, globalisation, and sustainability (LO1); assess the business environment and strategic decision-making processes (LO2); apply marketing principles and conduct market analysis (LO3); and utilise financial planning tools such as budgeting, cost analysis, and break-even calculations (LO4). This project not only

deepens theoretical understanding but also simulates a real-world business challenge, preparing students for further academic study and professional environments through the development of key skills in teamwork, communication, analysis, and problem-solving.

Reflective Journal

The Reflective Journal assignment is summative assessment designed to develop students' ability to critically engage with core topics in organisational behaviour, operations, and human resource management. Over the course of the semester, students are required to submit nine individual reflections in written form (350–400 words each). Each reflection aligns with a specific assessment criterion and corresponding learning outcome of the module, ensuring the assignment comprehensively supports students' understanding of topics such as organisational structure, culture, change management, operations strategy, supply chains, HRM, leadership, and motivation.

Reflective writing, in this context, involves critical self-assessment and analysis of key business concepts through engagement with theory, real-world examples, and personal learning experiences. It requires students not only to describe and explain but also to evaluate, analyse, and apply business frameworks using higher-order thinking skills drawn from Bloom's Taxonomy. This approach helps students internalise knowledge and make meaningful connections between academic content and its practical application. By encouraging thoughtful, evidence-based reflections, the assignment supports the development of independent thinking, academic writing, and personal insight, all of which are essential skills for progression to undergraduate business study. The reflective journal thus serves as both a learning and assessment tool that directly reinforces the module's learning outcomes while cultivating students' analytical and professional capabilities.

Final Exam

The final examination for the module accounts for 40% of the overall module grade and is conducted in Week 30. This summative assessment is designed to comprehensively evaluate students' understanding and application of key business concepts, theories, and analytical skills developed throughout the module. The examination is 2 hours and 40 minutes long and assesses all seven learning outcomes (LO1–LO7).

The exam is divided into three sections. Section 1 comprises 20 multiple-choice questions worth one mark each, assessing a broad range of knowledge and understanding across all learning outcomes. Section 2 presents two data response questions (20 marks each) requiring students to apply analytical and evaluative skills to specific business scenarios. Section 3 asks students to respond to two essay questions (selected from a choice of four), each worth 20 marks. This section assesses students' ability to critically engage with theoretical content and apply it in real-world contexts. The overall structure ensures a balanced assessment of knowledge, application, analysis, and evaluation skills.

NCUK International Foundation Year

NCUK UNIVERSITY PATHWAYS

Chemistry

Module Overview

CHEMISTRY SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Chemistry
Module Code	IFYCH004
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. Develop students' understanding of key chemical principles and their applications.
2. Foster skills in investigation, problem-solving, and critical thinking through theoretical and practical Chemistry learning.
3. Enhance students' ability to communicate scientific concepts effectively in English, ensuring clarity and confidence in diverse academic and professional environments.
4. Prepare students for advanced Chemistry studies by introducing foundational and emerging topics, with a focus on global trends and sustainability.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Understanding Application/Subject Specific Skills
LO1	Interpret key chemical principles and concepts covered in the syllabus, demonstrating a clear understanding of their applications.	Knowledge and understanding
LO2	Discuss the significance and implications of experimental results.	Knowledge and understanding Subject specific skills
LO3	Present data appropriately in tables, diagrams, and graphs, and interpret the findings using appropriate scientific terminology to support conclusions.	Application and subject specific skills
LO4	Perform accurate calculations related to chemical equations and principles.	Knowledge and application
LO5	Apply theoretical knowledge to solve practical Chemistry problems.	Knowledge and application
LO6	Conduct laboratory experiments safely, accurately record data, and interpret results to draw valid conclusions.	Application and subject specific skills
LO7	Independently research, summarise, and reference scientific literature using the Harvard system.	Application and subject specifics skills
LO8	Communicate scientific concepts effectively in English.	Understanding and application

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning and assessment activities	Study Hours
Guided learning	**120**
• Classes, seminars, and lectures	106

• Summative Assessment
  ○ End of Semester 1 Test
  ○ Final Exam
  ○ Practical Coursework
	
	1
	3
	4

• Formative Assessment Tasks, e.g. guided feedback sessions/tutorials	6
Independent study	**130**
• Recommended 4 hours per week over 30 weeks for reading, researching, problem-solving, and preparation.	120
• Revision	10
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment Items	Timing	Learning Outcomes
1	End of Semester 1 Test (20%) 1 hour 40 minutes. 50 arks	Week 15	LO1 LO2 LO4 LO5 LO8
2	Coursework (20%) Practical and Report 4 hours Structured laboratory report (800-1000 words)	Week 20	LO1 LO2 LO3 LO6 LO7 LO8
3	Final Examination (60%) Exam- 2 hours 40 mins 100 marks	Week 30	LO1 LO2 LO3 LO4 LO5 LO8

End of Semester 1 Test

A formal written assessment conducted at the end of the first semester. Primarily made up of multiple-choice questions that assess breadth of knowledge, with some longer structured questions to evaluate deeper understanding and application. Knowledge tested will be limited to the content covered in Semester 1. Administered under exam-style conditions.

Coursework

Involves the completion of one or more set practical investigations. Students are required to carry out experiments, collect and process data, and present their findings in a written report. The report must also include researched background information with proper Harvard-style referencing. This assessment is designed to evaluate practical competence, data interpretation, and scientific communication. Conducted over a set period with support and guidance from the teacher, but the final submission must be the student's own work.

Final Exam

Assesses the full range of content taught throughout the course and is structured similarly to a traditional A Level exam. Includes a mix of multiple choice, short-answer, and extended response questions to assess knowledge recall, application, data handling, and problem-solving skills. Held at the end of the academic year and administered under formal exam conditions.

NCUK International Foundation Year

NCUK UNIVERSITY PATHWAYS

Computer Science

Module Overview

COMPUTER SCIENCE SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Computer Science
Module Code	IFYCO002
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. To apply the fundamental principles and concepts of Computer Science to solve real-world problems
2. To equip students with foundational knowledge and practical skills in programming, networking, and cyber security, emphasising ethical practices and secure implementation aligned with industry standards
3. To develop practical skills in computational thinking and artificial intelligence that align with industry standards, fostering innovation and problem-solving capabilities.
4. To acquire academic skills, including research, time management, and critical thinking, necessary for becoming a successful and independent learner.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Explaining/ Application/Subject Specific Skills
LO1	Explain the key components and architecture of computer systems and analyse their roles in data processing and system performance.	Knowledge and Explaining
LO2	Explain how data is represented and processed in digital systems, including the storage of text, numbers, images, and sound.	Knowledge, Explaining, Application and Subject specific skills
LO3	Apply logical reasoning, Boolean algebra, including the use of logic gates and truth tables, to solve computing problems, and represent algorithms using flowcharts and other visual tools.	Knowledge, Explaining, subject specific skills and application
LO4	Design, develop, test, and optimise solutions to real-world problems using Python programming.	Knowledge, Explaining, Application and Subject specific skills
LO5	Apply computational thinking techniques and algorithmic reasoning to solve problems	Knowledge and Explaining
LO6	Describe different types of software and explain how lifecycle models and programming paradigms are applied to manage and deliver computing solutions.	Knowledge and Explaining
LO7	Design, implement and test relational database solutions.	Knowledge, Explaining and application
LO8	Analyse key components, topologies, and protocols used in computer networks and data communication.	Knowledge and Explaining
LO9	Analyse common cyber security threats, and evaluate the strategies, legislation, and ethical considerations used to protect system and data	Knowledge, Explaining, Application and Subject specific skills

	in the context of emerging technologies including AI	

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning and assessment activities	Study Hours
Guided learning:	**120**
• Lectures (to cover core concepts)	80
• Practical lessons/Laboratory work (to develop technical skills)	20

• Summative Assessment
  ○ Portfolio/coursework
  ○ Examination
	
	10
	2.5

• Formative assessment tasks (guided feedback sessions/tutorials)	7.5
Independent study:	**130**
• Recommended 4 hours per week over 30 weeks	120
• Revision weeks	5
• Coursework	5
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment Items	Timing	Learning Outcomes
1	Portfolio (30%) Consisting of 6 exercises 30 marks	Week 15	LO4 – AC4.1 and AC4.2
2	Coursework (30%) Report 2000 words 100 marks	Week 28 (After the last practical lesson)	LO4 - 4.1 & 4.2 LO7
3	Final Examination (40%) 2 hours 30 minutes 100 marks	Week 30	LO1 LO2 LO3 LO4.3 LO5 LO6 LO8 LO9

Portfolio

The portfolio consists of 6 exercises. LO4 (Python Programming) will be continually assessed in Semester 1 and evidence produced in the form of a Python Portfolio.

The purpose of a programming portfolio is to ensure that students progressively develop their programming competencies. It ensures students demonstrate the mastery of each concept in a systematic way. Exercises should be completed and checked in a regular manner throughout the module.

Students will produce a portfolio based on the activities provided in the brief and based on the relevant topics taught during the module. The Assessment specification provides information and portfolio guidance.

Coursework

The coursework assessment should be completed during Semester 2 at a point that is late enough to have covered the topics related to the coursework assessment. Teachers are free to set their own submission deadline. Students will submit their coursework online via NCUK's Virtual Learning Environment (VLE). All assessments will be subject to a plagiarism check using Turnitin.

Teachers at the Study Centre will be responsible for marking coursework in accordance with the NCUK issued mark scheme and the assessment criteria given in the Assessment Specification. Students should be given sight of the assessment criteria when they are given the coursework question paper as it helps to inform them of what is expected at each grade level.

Final Exam

The examination will cover topics from both semesters and will include multiple choice and short answer questions. The exam is a closed book timed assessment which is to be invigilated. Teachers at the Study Centre will be responsible for marking the examination in accordance with the NCUK issued mark scheme.

Further details of all assessments can be found in the accompanying Assessment Specification.

Please note that LO4.1, LO4.2 and the all content from LO7 is not examinable and is assessed only through the coursework and portfolio tasks. Students will not be examined on Python or Databases. LO4.3 remains examinable content.

NCUK International Foundation Year

NCUK UNIVERSITY PATHWAYS

Economics

Module Overview

ECONOMICS SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Economics
Module Code	IFYEC003
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. Develop a strong foundational understanding of key economic principles and their application in global and local contexts.
2. Analyse real-world economic issues, market structures, and policies evaluating their impact on local and global economic forces.
3. Encourage exploration of economic systems and sustainability, equipping students with the ability to address contemporary challenges.
4. Enhance students' analytical, quantitative, and evaluative skills through diverse economic scenarios and real-world applications.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Understanding Application/Subject Specific Skills
LO1	Explain the role of economics in addressing contemporary economic issues.	Knowledge and Understanding Subject specific skills
LO2	Apply basic principles of microeconomics and macroeconomics to interpret their impact on firms.	Knowledge and Understanding Application and subject specific skills
LO3	Evaluate and analyse the major global economic challenges faced by firms.	Knowledge and Understanding Application and subject specific skills
LO4	Assess government policies and macroeconomic factors and their impact on behaviour and decision-making of firms.	Application and subject specific skills
LO5	Apply economic theories to analyse contemporary economic issues.	Knowledge and Understanding Application and subject specific skills
LO6	Evaluate the effectiveness of economic policies in resolving contemporary economic challenges.	Knowledge and Understanding Subject specific skills

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning, and Assessment Activities	Study Hours
Guided Learning	**120**
• Lectures	104.5
• Guest Lectures / Seminars – Interactive discussions and knowledge sharing by Experts/Industry Leaders	4
• Tutorials/ Workshops	4

• Summative Assessment
  ○ Coursework (Case Assignments/Reports/Projects)
  ○ Final Examination
	
	5
	2.5

Independent study	**130**
• Recommended 4 hours per week over 30 weeks for reading, researching, problem-solving, and preparation	120
• Revision	10
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment Items	Timing	Learning Outcomes
1	Coursework (40%) 50 marks Comprehensive report: 1350 - 1650 words	Week 15	LO1 LO2 LO5 LO6
2	Final Examination (60%) 2 hours 30 minutes 80 marks	Week 30	LO1 LO2 LO3 LO4 LO5 LO6

Coursework

Case-based individual coursework assignment accounts for 40% of the final grade. Scheduled for Week 15, this task requires students to analyse a real or simulated economic scenario and submit a 1,500 word analytical report. The report assesses students' ability to apply economic theory to practical business and policy contexts, demonstrate critical thinking, and formulate evidence-based recommendations.

Exam

The final examination, scheduled in Week 30, contributes 60% to the overall module grade. This comprehensive assessment covers both microeconomics and macroeconomics content and is designed to evaluate students' knowledge, analytical ability, and application of economic principles to real-world situations. The 2 hour 30-minute exam includes a mix of quantitative and qualitative tasks and is assessed using a detailed rubric to ensure consistency and transparency.

FURTHER MATHS SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Further Maths
Module Code	IFYFM005
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. Equip students with advanced mathematical knowledge and techniques to support degree level study in related disciplines.
2. Develop students' ability to apply advanced mathematical methods in problem-solving and modelling.
3. Enhance students' computational and algebraic fluency by equipping them with essential tools for advanced mathematical problem-solving and applications.
4. Foster logical reasoning, proof techniques, and analytical thinking to construct well-structured mathematical arguments and link theory to real-world contexts.
5. Strengthen independent learning, academic responsibility, and clear mathematical communication using appropriate terminology.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Understanding Application/Subject Specific Skills
LO1	Demonstrate knowledge and understanding of algebra; polynomial equations; functions and their graphs, and summation techniques, applying transformations and algebraic methods to solve problems.	Knowledge and understanding
LO2	Perform matrix operations, including transformations and eigenvalues, to model and solve linear systems. Understand the fundamentals of complex numbers, including their algebraic and geometric representations	Application and subject specific skills
LO3	Construct rigorous mathematical proofs using techniques such as induction and logical reasoning to justify solutions and problem-solving approaches.	Knowledge and understanding Application and subject specific skills
LO4	Use calculus and trigonometric techniques to analyse functions and solve mathematical models.	Application and subject specific skills
LO5	Analyse functions and coordinate systems, including further complex numbers, vectors and conic sections, to solve geometric problems.	Application and subject specific skills
LO6	Apply mathematical methods to model real-world systems, integrating algebraic, graphical, and numerical approaches to problem-solving	Application and subject specific skills

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning and assessment activities	Study Hours
Guided learning	**120**
• Lectures to cover core concepts	113

• Summative Assessment
  ○ End of Semester 1 Test
  ○ Final Exam
	
	2 hrs 10 mins
	2 hrs 40 mins

• Formative Assessment Tasks	2 hrs 10 mins
Independent study	**130**
• Recommended 4 hours per week over 30 weeks for reading, researching, problem-solving, and preparation	120
• Revision weeks	10
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment Items	Timing	Learning Outcomes
1	End of semester 1 test 50% 2 hrs 10 mins 100 marks	Week 15	LO1 LO2 LO3 LO6
2	Final examination 50% 2 hrs 40 mins 125 marks	Week 30	LO4 LO5 LO6

End of Semester 1 Test 50%

A written paper of 2 hours and 10 minutes, worth 100 marks. This test takes place in Week 15 and covers Learning Outcomes LO1, LO2, LO3, and LO6. It is designed to assess students' mastery of core mathematical techniques introduced in the first half of the module. The test is administered under examination conditions and marked internally according to a standardised mark scheme.

Final Examination 50%

A written paper of 2 hours and 40 minutes, worth 125 marks, administered in Week 30. This paper assesses Learning Outcomes LO4, LO5, and LO6, focusing on advanced topics

introduced in the second half of the module. It is also conducted under formal exam conditions and marked internally using standardised criteria.

NCUK International Foundation Year

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Global Studies

Module Overview

GLOBAL STUDIES SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Global Studies
Module Code	IFYGS002
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. Equip international students with a comprehensive understanding of key political, social, and international relations theories, as well as contemporary global issues, to prepare them for the academic demands of undergraduate studies.
2. Foster students' ability to critically analyse global issues using diverse theoretical perspectives, while encouraging ethical reasoning and evidence-based argumentation.
3. Support students in applying academic research methods, engaging with complex global issues, and expressing ideas confidently in English, both in written and spoken formats, to facilitate success in undergraduate studies.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Understanding Application/ Subject Specific Skills
LO1	Analyse key political, social, and IR theories related to 21st-century global issues and the foundational concepts of the modern state system.	Knowledge and understanding
LO2	Explain the role and impact of intergovernmental organisations (IGOs) in maintaining global security, and international non-governmental institutions (INGOs) in mitigating humanitarian crises.	Knowledge and understanding
LO3	Discuss key threats to global security and their impact in the 21st century.	Application and subject specific skills
LO4	Analyse international human rights law and its application to global justice, human rights abuses, and inequality.	Application and subject specific skills
LO5	Examine global inequality, including its key features, measurements, and its relationship with capitalism, globalisation, and gender disparities.	Application and subject specific skills

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning and assessment activities	Study Hours
Guided learning	**120**
• Lectures	74
• Seminars	30

• Summative Assessment
  ○ End of Semester 1 Test
  ○ Global Security Policy Essay
  ○ Global Justice and Inequality Essay
	
	4
	6
	6

Independent study	**130**
• Recommended 4 hours per week over 30 weeks	120
• Revision	10
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment Items	Timing	Learning Outcomes
1	End of Semester 1 Test (50%) 2 hours 50 marks	Week 15	LO1 LO2
2	Global Security Policy coursework essay (30%) 1, 600 words maximum 100 marks	Week 24	LO3
3	Global Justice and Inequality coursework essay (20%) 1, 400 words maximum 100 marks	Week 30	LO4 LO5

End of Semester 1 Test

Short Supervised/Invigilated Exam (2 hours)

A formal, timed written exam conducted under strict supervision, to assess students' ability to recall, apply, and critically engage with course content independently and under time

pressure. It tests knowledge retention, application of data, analytical thinking and evaluation skills, via written communication.

The exam will be held in a controlled environment such as an exam hall or continuously monitored classroom. Students are not allowed access to notes or the internet. Invigilators ensure academic integrity.

Global Security Policy Essay

"Take-Home" essay, Word Processed, Harvard Referenced. Approx time for completion - 3 Weeks.

An extended written assignment where students explore a topic related to global security (e.g., terrorism, military conflicts, genocide and its prevention).

The aim is to develop research, critical thinking, and academic writing skills. It allows students to engage deeply with complex global issues and demonstrate independent learning.

The coursework is assigned via the Centre's VLE with clear guidelines and a submission deadline. Students are expected to follow the Centres Academic Misconduct Policy, as well as NCUK's Academic Misconduct Policies. Guidance is given to students in clear English explaining the penalties for plagiarism; how to cite sources correctly and work independently. Centres may use plagiarism detection software (e.g., Turnitin) to ensure originality.

Global Justice and Inequality Essay

"Take-Home" essay, Word Processed, Harvard Referenced. Approx time for completion - 3 Weeks.

An extended written assignment where students explore a topic related to global justice and/or inequality (e.g., the ICC, Peacekeeping Operations, gender inequalities within and between states).

The aim is to develop research, critical thinking, and academic writing skills. It allows students to engage deeply with complex global issues and demonstrate independent learning.

The coursework is assigned via the Centre's VLE with clear guidelines and a submission deadline. Students are expected to follow the Centres Academic Misconduct Policy, as well as NCUK's Academic Misconduct Policies. Guidance is given to students in clear English explaining the penalties for plagiarism; how to cite sources correctly and work independently. Centres may use plagiarism detection software (e.g., Turnitin) to ensure originality.

NCUK International Foundation Year

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Intearated Maths

Module Overview

INTEGRATED MATHS SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Integrated Maths
Module Code	IFYIM001
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. Equip students with the mathematical skills and reasoning required for academic success across disciplines, including business, science, and data-driven fields.
2. Develop students' ability to model, interpret, and solve real-world problems using quantitative techniques.
3. Enhance confidence in working with mathematical structures, data analysis, and problem-solving in applied contexts.
4. Foster independent learning, critical thinking, and logical reasoning through mathematical exploration and application.
5. Strengthen students' ability to communicate mathematical ideas effectively and use appropriate analytical tools for evaluation and decision-making.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Understanding Application/Subject Specific Skills
LO1	Use algebraic, graphical, and numerical techniques to model quantitative relationships in real-world contexts.	Knowledge and understanding
LO2	Apply statistical and probability methods to interpret data and assess uncertainty in applied scenarios.	Application and subject-specific skills
LO3	Apply differentiation and integration techniques to analyse change, trends, and optimisation problems across disciplines.	Knowledge and understanding
LO4	Interpret and evaluate mathematical models and statistical data presented in various formats, recognising assumptions, limitations, and implications.	Application and subject-specific skills
LO5	Use mathematical methods and reasoning to solve problems and communicate quantitative ideas effectively.	Application and subject-specific skills

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning, and Assessment Activities	Study Hours
Guided learning	**120**
• Lectures (Structured explanations of core topics)	60
• Seminars/Tutorials (Problem-solving, discussions, Q&A)	30
• Workshops (Application of concepts, exam strategies, case studies)	24
• Summative Assessment (Final exams, 2 x 2-3 hours)	6
Independent Study	**130**
• Problem-solving practice and consolidation tasks (approx. 2 hours/week)	40
• Structured revision activities and exam preparation	30
• Optional exploration using digital tools or graphing software	10
• Independent study guided by tutor feedback and class materials	20
• Formative Assessment (Mock exams, quizzes, self-assessment)	30
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment	Timing	Learning Outcomes
1	End of Semester 1 Test (40%) 2 hours 80 marks	Week 15	LO1 LO2 LO4 LO5
2	Final Exam (Paper 1) (30%) 1 hour 50 mins 75 marks	Week 30	LO1 LO3 LO4 LO5
3	Final Exam (Paper 2) (30%) 1 hour 50 mins 75 marks	Week 30	LO2 LO3 LO4 LO5

End of Semester 1 Exam

The EOS1 assessment is a 2-hour written exam held in Week 15. It focuses on algebra and statistics (LO1 and LO2) and includes structured, multi-part questions with an applied interpretation or critique element to address LO4 and LO5. This exam assesses foundational mathematical techniques and supports progression to later topics.

Final Exam (Paper 1)

Paper 1 is a 1 hour 50-minute written exam held in Week 30. It focuses on differentiation, trigonometry, and algebra (LO1 and LO3), with embedded application and modelling contexts that assess evaluative thinking (LO4, LO5). Students complete structured questions with a choice of application or critique in part (c).

Final Exam (Paper 2)

Paper 2 is a 1 hour 50-minute written exam also held in Week 30. It covers integration, optimisation, and statistical reasoning (LO2 and LO3), with applied contexts and decision-making elements aligned to LO4 and LO5. Each question includes a modelling or evaluation component to support real-world reasoning.

NCUK International Foundation Year

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Physics

Module Overview

PHYSICS SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Physics
Module Code	IFYPH005
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. To acquire the foundational knowledge and understanding of physics required to meet the entry requirements of NCUK Universities and engage with global scientific challenges.
2. To develop scientific investigative, and problem-solving skills through practical experiments and tutorial-based learning.
3. To apply and practise ICT skills, such as data analysis and simulations in the context of physics.
4. To develop confidence and competence as independent learners, fostering self-management and lifelong learning through directed study and reading.
5. To develop familiarity with science-specific English language vocabulary and terminology, and to practice effective communication skills introduced in EAP/ lessons.
6. To prepare for effective learning in an English language university by developing academic skills, critical thinking, and confidence in using scientific English.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcomes	Knowledge/Understanding Application/Subject Specific Skills
LO1	Apply mathematical skills including units, vectors, uncertainties, and data presentation to solve physics-related problems.	Knowledge and understanding Application and subject specific skills
LO2	Demonstrate an understanding of Mechanics, including Dynamics, Kinematics, Energy, and Momentum, and explain the role of forces in motion and energy transfers.	Knowledge and understanding Application and subject specific skills
LO3	Demonstrate an understanding of the physical properties of materials, including density and elasticity, and analyse their thermodynamic behaviour.	Knowledge and understanding Application and subject specific skills
LO4	Apply the principles of electromagnetism to explain the operation of electrical circuits and devices like generators, motors, and transformers.	Knowledge and understanding Application and subject specific skills
LO5	Describe the universe across different spatial and temporal scales, using physics laws and up-to-date observations.	Knowledge and understanding Application and subject specific skills
LO6	Demonstrate an understanding of oscillations and the different types of waves, including their properties, behaviours, and interconnections.	Knowledge and understanding Application and subject specific skills
LO7	Describe the nature of the atomic nucleus and explain phenomena such as radioactivity, decay, fission and fusion, along with their applications.	Knowledge and understanding

		Application and subject specific skills
LO8	Demonstrate an understanding of key concepts in quantum physics including wave-particle duality, the photoelectric effect, the uncertainty principle, and the standard model of particle physics.	Knowledge and understanding Application and subject specific skills

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning, and Assessment Activities	Study Hours
Guided learning	**120**
• Seminars to introduce, apply, and practice new ideas and knowledge	74
• Labs to perform experiments and record data	12
• Lectures to introduce key theories in the curriculum – e.g. cosmology	30

• Summative Assessment
  ○ End of Semester 1 Test
  ○ Final Examination
	
	1.5
	2.5

• Formative assessments	4
Independent study	**130**
• Recommended 4 hours per week over 30 weeks	120
• Summative Coursework, 2 practical investigations	10
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment Items	Timing	Learning Outcomes
1	End of Semester 1 Test (20%) 1 hour 30 minutes 60 marks	Week 15	LO1 LO2 LO3 LO4
2	Coursework (30%) 2 practical investigations 100 marks	Week 24	LO1 LO2 LO3 LO4
3	Final Examination (50%) 2 hours 30 minutes 100 marks	Week 30	LO1 LO2 LO3 LO4 LO5 LO6 LO7 LO8

End of Semester 1 Test Written assessment (1.5 h)

- To expose students to the final method of assessment (at a low risk)
- To provide an opportunity for general revision for half of the curriculum
- To contribute to the final grade and help students improve it
- To provide an opportunity for self-evaluation and metacognition of the students
- To provide an accurate and in-depth snapshot of the student's knowledge in order for strengths and weaknesses to be identified early and dealt with by the students with the help of the teacher.

Coursework

Coursework is focused on practical investigations. Students will be asked to plan, devise and execute methods, take clear notes, evaluate methods, suggest improvements, analyse data, construct tables and graphs, and interpret graphs in order to draw conclusions. They will present all the above in a clearly written essay in an accurate, precise, and scientifically appropriate manner. There are 14 different experiments and the number and selection assigned to the students lies to the teacher's judgment.

- To help students perfect skills relative to the scientific way of thinking
- To allow students perform the stages of scientific experimental process
- To promote transferable skills like time managements, self-organisation, presentation, research and planning, attention to detail etc
- To contribute to the final grade in a non-stressful, creative and effective way.
- To allow students to commit to an realistic target and achieve it on their own terms through hard work.

Final Examination Written assessment (2.5 h)

- To provide an accurate and in-depth snapshot of the student's knowledge
- To form the final grade
- To assess the students in-depth in the fields of the present curriculum.

NCUK International Foundation Year

NCUK UNIVERSITY PATHWAYS

Sociology

Module Overview

SOCIOLOGY SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Sociology
Module Code	IFYSC002
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. Introduce students to key sociological concepts and theories, enabling them to experience the subject and to make an informed decision about further study in sociology or related disciplines.
2. Equip students with the ability to critically evaluate sociological perspectives, interpret data, and apply theories to contemporary social issues, fostering independent learning and problem-solving skills.
3. Develop students' cultural sensitivity using global themes and case studies drawn from a range of cultures.
4. Develop academic confidence through experience of a range of teaching methods, collaborative learning, research methodologies.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Understanding Application/Subject-Specific Skills
LO1	Explain key sociological concepts and research methods, and their relevance to understanding contemporary societies.	Knowledge and understanding
LO2	Analyse the role of identity in shaping individual experiences and life chances within society.	Knowledge and understanding and Application and subject specific skills
LO3	Analyse family structures in different societies, their role in socialisation and the reproduction of cultural norms.	Knowledge and understanding
LO4	Analyse the role of education in shaping social structures, identity, and life chances in different cultural contexts.	Knowledge and understanding Application and subject specific skills
LO5	Apply sociological theories to global social challenges.	Knowledge and understanding Application and subject specific skills
LO6	Examine the sociological explanations of crime and deviance, and their impact on individuals and society.	Application and subject specific skills

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning, and Assessment Activities	Study Hours
Guided learning	**120**
• Lectures	30
• Seminars	87

• Summative Assessment
  ○ Individual Presentation
  ○ Final Exam
	
	1
	2

Independent study	**130**
• Preparation for classes (3 hrs per week of teaching)	90
• Preparation for presentation	20
• Preparation for end of module exam	20
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment Items	Timing	Learning Outcomes
1	Individual presentation (50%) 10 minutes 100 marks	Week 15	LO1 LO2 LO3 LO4
2	Final Exam (50%) 2 hours 100 marks	Week 30	LO1 LO2 LO5 LO6

Presentation

The presentation is a 10-minute individual presentation, undertaken during class time. The purpose of this is to assess their knowledge and understanding from the module as well as prepare them for a typical form of assessment that they might find in an NCUK partner university.

Final Exam

The final exam comes at the end of the module and lasts 2 hours. It will consist of two essay questions chosen from a selection of six. The exam should be proctored with all students

taking the paper at the same time. To help facilitate this no other teaching is expected the week of the final exam.

NCUK International Foundation Year

NCUK UNIVERSITY PATHWAYS

Technical Maths

Module Overview

TECHNICAL MATHS SPECIFICATION INFORMATION

Programme/Pathway	International Foundation Year
Module Title	Technical Maths
Module Code	IFYTM001
Module Level (RQF)	3
Credit-equivalence	25
Guided Learning Hours	120
Total Module Time	250
Delivery Mode	In classroom

OVERALL AIMS FOR THE MODULE

1. Equip students with advanced mathematical knowledge and techniques to support degree level study in related disciplines.
2. Develop students' ability to apply advanced mathematical methods in problem-solving and modelling.
3. Enhance students' computational and algebraic fluency by equipping them with essential tools for advanced mathematical problem-solving and applications.
4. Foster logical reasoning, proof techniques, and analytical thinking to construct well-structured mathematical arguments and link theory to real-world contexts.
5. Strengthen independent learning, academic responsibility, and clear mathematical communication using appropriate terminology.

LEARNING OUTCOMES

On successful completion of the module, students will be able to:

LO Number	Learning Outcome	Knowledge/Understanding Application/Subject Specific Skills
LO1	Apply algebraic techniques and functions to solve equations and model geometric relationships.	Knowledge and understanding
LO2	Utilise logarithmic, exponential, and summation techniques to analyse and solve mathematical problems.	Subject specific skills and application
LO3	Apply trigonometric principles and fundamental calculus techniques to investigate functions and solve problems.	Knowledge and understanding
LO4	Manipulate advanced functions, algebraic methods, and numerical techniques to support mathematical problem-solving.	Subject specific skills and application
LO5	Extend calculus and trigonometry techniques to model and solve complex mathematical and applied problems.	Subject specific skills and application
LO6	Use vector methods, mechanics, and differential equations to analyse and model real-world systems.	Subject specific skills and application

TEACHING, LEARNING, AND ASSESSMENT STRATEGY

Teaching, Learning, and Assessment Activities	Study Hours
Guided learning	**120**
• Lectures to cover core concepts	113

• Summative assessment
  ○ End of Semester 1 Test
  ○ Final Exam
	
	2 hrs 10 mins
	2 hrs 40 mins

• Formative assessment tasks, e.g. guided feedback sessions/tutorials	2 hrs 10 mins
Independent study	**130**
• Recommended 4 hours per week over 30 weeks	120
• Revision weeks	10
Total Learning Time	**250**

Assessment Strategy

Sequence	Assessment Items	Timing	Learning Outcomes
1	End of semester 1 test 50% 2 hrs 10 mins 100 marks	Week 15	LO1 LO2 LO3
2	Final examination 50% 2 hrs 40 mins 125 marks	Week 30	LO4 LO5 LO6

End of Semester 1 Test 50%

A written paper of 2 hours and 10 minutes, worth 100 marks. This test takes place in Week 15 and covers Learning Outcomes LO1, LO2, and LO3. It is designed to assess students' mastery of core mathematical techniques introduced in the first half of the module. The test is administered under examination conditions and marked internally according to a standardised mark scheme.

Final Examination 50%

A written paper of 2 hours and 40 minutes, worth 125 marks, administered in Week 30. This paper assesses Learning Outcomes LO4, LO5, and LO6, focusing on advanced topics

introduced in the second half of the module. It is also conducted under formal exam conditions and marked internally using standardised criteria.