

Programme specification

Award title: Engineering with a Foundation Year (WHC) (Full Time, Semester A Intake)

Title of programme:	Engineering with a Foundation Year (WHC) (Full Time, Semester A Intake)
Programme code:	PEEF
Awarding institution/body:	University of Hertfordshire
Teaching institution:	University of Hertfordshire
School:	School of Physics, Engineering and Computer Science
University/partner campuses:	University of Hertfordshire, Hatfield Campus West Herts College
Programme accredited by:	Not Applicable
Final qualification:	Foundation Certificate (FCert)
Final award title (qualification and subject):	FCert (Untitled)
UCAS code:	H100
FHEQ level of award:	0
Language of delivery:	English
This programme specification is relevant to:	2025-26
Students entering at:	Semester A
Related programmes:	
Mode of study:	Full Time
Typical duration:	1 Years
Version:	1.0
Version date:	14 Apr 2025
Version description	
Validation status:	Validated

What is a programme specification?

A programme specification is a collection of key information about a programme of study (or course). It identifies the aims and learning outcomes of the programme, lists the modules that make up each stage (or year) of the programme, and the teaching, learning and assessment methods used by teaching staff. It also describes the structure of the programme, its progression requirements and any programme-specific regulations. This information is therefore useful to potential students to help them choose the right programme of study, to current students on the programme, and to staff teaching and administering the programme.

This programme specification (PS) is designed for prospective students, enrolled students, academic staff and potential employers. It provides a concise summary of the main features of the programme and the intended learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the teaching, learning and assessment methods, learning outcomes and content for each module can be found in Definitive Module Documents (DMDs) and Module Guides.

Changes to your course or modules

Although it is never something we do lightly, we may in certain circumstances, make changes to the advertised content or structure or methods of delivery of your course or individual modules after you have accepted your offer, which may in certain cases include discontinuing a module. We cannot cover here every possible example of when we might decide to do so, but in normal circumstances it would only be for one or more of the following reasons:

- to reflect changes to the theory in an area of research or practices around the subject or its delivery
- to improve a course or a module (for example, to take account of feedback from students)
- to safeguard academic standards
- to comply with the requirements of an external professional, commissioning or accrediting body (for example, a requirement that certain course content be added, changed or removed or that a particular module is discontinued or included)
- to comply with legal, regulatory or governmental requirements
- to safeguard the health, safety and wellbeing of our students and staff
- where insufficient students have chosen an optional module making it unviable (*and where we have indicated in this Programme Specification that this might be a possibility*)
- where the University has found it difficult, for reasons beyond its control, to appoint a member of staff with appropriate expertise to ensure that an optional module can proceed where the change results from other circumstances outside our reasonable control

If we decide to make a change (other than one which is minor or insignificant) before you have registered on the course for the first time, we will inform you as soon as reasonably practicable so that you can decide whether or not you still wish to study with us. If as a consequence you decide not to study with us, we will refund any tuition fees and/or deposit that you have paid in advance in respect of the course in question. For further details regarding our refund policy please see our ***Fees and Finance Policy***.

If we decide to make a change (other than one which is minor or insignificant) after you have registered, we will similarly inform you as soon as reasonably practicable, and we will also use every reasonable effort to minimise any adverse effect it may have on you. If in spite of our efforts

the change is likely to have a serious adverse effect on you (for example, by prejudicing your future choice of career), we will try to find you a suitable alternative course or module with us or (if you prefer) we will try to suggest a suitable alternative course with another education provider. If you change course or module in these circumstances (or simply withdraw from your course), any entitlement you may have to a refund in tuition fees you have already paid will be determined in accordance with our **Fees and Finance Policy**.

In the case of a material change to a course or module, we will also in appropriate circumstances consult with student representatives with a view to identifying options for, and minimising any adverse effect on, affected students.

Some optional modules may have capacity issues and therefore we may not be able to guarantee you a place on your first choice.

More information about how we will try protect you against changes to your modules or programmes can be found in our **Student Protection Plan** at <https://www.herts.ac.uk/study/your-offer-package>

Additional important points

Teaching is delivered at both college and University of Hertfordshire (College Lane Campus). There is a minimum expected attendance rate at College and University based classes. Students make their own transport arrangements to travel to both sites. Engineering and Technology are mathematical disciplines, and students must be willing to develop their mathematical abilities to A-level standard over the duration of this course. There is a minimum tariff for progression to Level 4 of the selected progressing programme. Progression is dependent on the student meeting the pre-requisite requirements in specific modules relative to their choice of route.

The choices of programme for entry on successful completion of the Engineering with Foundation Year course are as follows: BEng Aerospace Engineering, BEng Aerospace Engineering with Pilot Studies, BEng Aerospace Engineering with Space Technology, BEng Automotive Engineering, BEng Automotive Engineering with Motorsport, BEng Civil Engineering, BEng Electrical and Electronic Engineering, BEng Mechanical Engineering, BEng Robotics and Artificial Intelligence, BSc Motorsport Technology.

Admissions information

The normal entry requirements for the programme are:

Qualification type	Subjects	Grades
BTEC		PPP
GCSE		Grade 4/C in English language and mathematics.
A Level		DD
International Baccalaureate		48
Mature Applicant		
T Levels	Accepted T Levels: Design Survey and Planning for Construction; Design Production, Design and Development; Education and Childcare; Healthcare Science; Health; Science; Digital Support Services; Digital Business Services; Onsite Construction; Building Services Engineering for Construction; Accounting; Design and Development for Engineering and Manufacturing; Engineering, Manufacturing, Processing and Control; Finance; Maintenance, Installation and Repair for	

Engineering and Manufacturing; Management and Administration; Agriculture, Land Management and Production; Legal Services.

Equivalent qualifications will be considered on an individual basis, such as the Access to HE Certificate or approved equivalent.

For current entry tariff point requirements, please refer to the relevant page for the Course on the University website or on the online prospectus.

The programme is subject to the University's Principles, Policies and Regulations for the Admission of Students to Undergraduate and Taught Postgraduate Programmes (in UPR SA03), along with associated procedures. These will take account of University policy and guidelines for assessing accredited prior certificated learning (APCL) and accredited prior experiential learning (APEL).

If you would like this information in an alternative format, please contact us via <https://ask.herts.ac.uk/contact-us>

If you wish to receive a copy of the External Examiner's Report for the programme, please email a request to aqo@herts.ac.uk

Additional admissions information

Interview/audition required:	No
Portfolio required:	No
DBS check required:	No
Occupational health check required:	No
GTC check required:	No

The academic year

The University's academic year is made up of 3 Semesters. For most undergraduate students the academic year is split into two Semesters (A & B). Each of these is made up of teaching weeks followed by exams (the re-sit period falls within Semester C). For further information please follow the link below

[Term and semester dates | Study | Uni of Herts](#)

Expected workload

In the UK, a full-time student is expected to spend 1200 hours on their studies each year. Please find below an estimate of how your time will be spent on this course during each year of study.

Year	Lectures, seminars, tutorials	Independent study	Placement
Year 1	38%	62%	0%

Method of assessment

Year	Test	Written exam	Coursework	Practical
Year 1	44%	0%	51%	5%

Additional expenses

Please see below a list of expected materials you will need for your studies. You will be given detailed lists when the course starts.

Title	Description	Value type	Cost (£)
Textbook - Optional	Texts to support curriculum. Undergraduate study requires reading and access to reference works. Recommended texts are available in the Learning Resource Centre either as ebooks or printed material. Please note that availability of printed material may be limited so students may wish to purchase their own copies. The average price of a recommended text is approximately £50, although you may be able to buy second-hand copies.	Approximate	£50
Travel and/or Accommodation - Mandatory	Travel costs to the University Campus at College Lane, Hatfield for scheduled teaching typically on ONE day per week during term time. Costs will be variable dependent on where the journey originates, and mode of transport selected.	Approximate	£0

*Costs vary subject to supplier.

** This is an indicative cost – how much you use and need to replace these supplies will depend on your own style of working and process.

Programme specification detail

A: Programme rationale

The programme aims to prepare students, who would not normally be considered qualified, to an appropriate standard for entry into the first year of BEng (Honours) Engineering or BSc (Honours) Degree programmes. Examples might include students with 'A' Levels or equivalent, Scottish or Irish Highers but with an insufficient background in Mathematics, Physics or other Technology-related subjects; students with overseas qualifications and mature students without the formal qualifications for entry to a University degree programme.

The programme aims to develop students' knowledge and understanding of and competence in mathematics, science and the application of information technology suitable to support their progression into Level 4 of the Engineering or Technology degree programmes. Including suitable studies in Mathematics, Sciences, Digital Software and Soft Skill development relevant to Engineering.

Students are not always sure of their intended discipline or aware of the variety and range of engineering opportunities potentially available to them. The Engineering Initial Year Engineering Studies and Skills module provides students with an exposure to various engineering disciplines through guided laboratory experiments in the department at the University. This is reinforced by presentations by guest speakers and/or industrial visits. The module also aims to enable effective learning and so includes instruction on study skills, such as taking notes, writing and presenting reports, revising and taking examinations.

B: Educational aims of the programme

The programme has been devised in accordance with the University's graduate attributes of programmes of study as set out in UPR TL03.

<https://www.herts.ac.uk/about-us/our-leadership-strategy-and-plans/our-governance-and-leadership>

Additionally this programme aims to: prepare students, who would not normally be considered qualified, to an appropriate standard for entry into the first year of BEng (Honours) Engineering or BSc (Honours) Technology Degree Programme; develop students' knowledge and understanding of, and competence in, mathematics, science and the application of information technology, suitable to support their progression into the first year of an Engineering or Technology degree programme; develop in students an appreciation of the engineering industry and its place and purpose in society, in order that they may make an informed choice of Engineering or Technology discipline.

C: Intended learning outcomes

Refer to Outcomes tab

Programme outcomes

Learning outcomes are split into four different types.

Intellectual skills

On successful completion of this programme, a student will be able to:

- IS1 Demonstrate their ability to analyse engineering problems using appropriate mathematical techniques.
- IS2 Demonstrate their ability to analyse engineering systems using appropriate scientific principles.

Knowledge and understanding

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

- KU1 Mathematics required by students entering undergraduate Engineering and Technology programmes.
- KU2 The fundamental sciences required by students entering undergraduate Engineering and Technology programmes.
- KU3 The principles of IT and communications relevant to Engineering and Technology disciplines.

Practical skills

On successful completion a student will be able to:

- PS1 Perform experimental work and draw conclusions.
- PS2 Use computer-based engineering tools.
- PS3 Prepare technical documentation.

Transferable skills

On successful completion of this programme, a student will be able to:

- TS1 Communicate effectively, both orally and in writing.
- TS2 Use commonly available IT tools.
- TS3 Manipulate, sort and present data.
- TS4 Solve problems in a logical manner.

Graduate Attributes

Graduate Attributes are delivered in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the development of the Graduate Attributes (ii) a checklist for quality control purposes and (iii) a means to help students monitor their own personal and professional development as the programme progresses.

- GA1 Professionally Focused
- GA2 Globally Minded
- GA3 Sustainability Driven
- GA4 Digitally capable and confident
- GA5 Inclusive and collaborative
- GA6 Evidence based and ethical

D: Teaching methods

Knowledge and Understanding (KU):

Knowledge and understanding is acquired through a combination of lectures (KU1-KU3), small group tutorials (KU1-KU3), coursework (KU1-KU3) and laboratory work (KU1-KU3). Additional support is provided the Mathematics Drop-In Centre (KU1). Feedback is given to all students on all summative coursework submitted prior to the final assessment. Throughout, the learner is

encouraged to undertake independent study both to supplement and consolidate what is being taught/learnt and to broaden their individual knowledge and understanding of the subject.

Intellectual Skills (IS):

Intellectual skills are developed through a combination of lectures (IS1, IS2), small group tutorials (IS1, IS2), individual assignments (IS1, IS2), and laboratory work (IS2). Feedback is given to all students on all summative coursework submitted prior to the final assessment. Throughout, the learner is encouraged to develop intellectual skills further by independent study.

Practical Skills (PS):

Practical skills are developed through a combination of lectures, (PS1-PS3), laboratory work (PS1-PS3), assignments (PS2, PS3) and projects (PS1, PS2, PS3). Feedback is given to students on all summative coursework submitted prior to the final assessment.

Transferable Skills (TS):

Transferable skills are developed through a combination of lectures (TS1-TS4), tutorials (TS2-TS4), and individual and group assignments (TS1-TS4). Throughout, the learner is encouraged to develop transferable skills by maintaining a record of evidence and completing a personal development plan.

E: Assessment strategy

The programme complies with the University's academic regulations (in particular, UPR AS11, UPR AS12/UPR AS13 and UPR AS14) with the exception of those listed below, which have been approved by the University:

<https://www.herts.ac.uk/about-us/our-leadership-strategy-and-plans/our-governance-and-leadership/university-policies-and-regulations-uprs>

Assessment Strategy for:

Knowledge and Understanding (KU):

Knowledge and understanding are assessed through a combination of assignment reports (KU1-KU3), unseen open-book and closed-book class tests (KU1, KU2), laboratory/workshop reports (KU2, KU3), and project reports/presentations (KU3).

Intellectual Skills (IS):

Intellectual skills are assessed through assignment reports (IS1- IS2), unseen open-book and closed-book class tests (IS1, IS2), laboratory/workshop reports (IS1, IS2), and project reports/presentations (IS2).

Practical Skills (PS):

Practical skills are assessed through laboratory reports (PS1, PS2, PS3), assignment reports (PS2, PS3), presentations (PS2, PS3) and project reports. (PS2, PS3).

Transferable Skills (TS):

Transferable skills are assessed through assignment reports (TS1–TS3), oral presentations (TS1-TS2), project reports (TS1-TS4), and tests (TS3-TS4).

F: Programme specific assessment regulations

The programme complies with the University's academic regulations (in particular, UPR AS11, UPR AS13 and UPR AS14) with the exception of those listed below, which have been approved by the University:

Further programme-specific regulations (requiring School-level approval) are given below:

Progression to Level 4 of an Engineering or Technology degree typically depends on meeting the pre-requisite requirements of specific chosen modules. These are defined below. Where a student has achieved 105 credits, the Board of Examiners may, at its discretion, allow the student to progress to Level 4, provided that normally: all minimum tariffs as shown below for the relevant degree programme have been achieved, and the minimum overall average grade shown below, calculated as the average of all 120 credits taken, has been achieved.

BEng Aerospace Engineering: Foundation Year Mathematics 1 (50), Engineering Science (50), Foundation Year Mathematics 2 (50), Mechanical Science and Structures (50). Overall average grade: 55.

BEng Aerospace Engineering with Space Technology: Foundation Year Mathematics 1 (50), Engineering Science (50), Foundation Year Mathematics 2 (50), Mechanical Science and Structures (50). Overall average grade: 55.

BEng Aerospace Engineering with Pilot Studies: Foundation Year Mathematics 1 (50), Engineering Science (50), Foundation Year Mathematics 2 (50), Mechanical Science and Structures (50). Overall average grade: 55.

BEng Automotive Engineering: Foundation Year Mathematics 1 (50), Engineering Science (50), Foundation Year Mathematics 2 (50), Mechanical Science and Structures (50). Overall average grade: 55.

BEng Automotive Engineering with Motorsport: Foundation Year Mathematics 1 (50), Engineering Science (50), Foundation Year Mathematics 2 (50), Mechanical Science and Structures (50). Overall average grade: 55.

BEng Civil Engineering: Foundation Year Mathematics 1 (50), Engineering Science (50), Foundation Year Mathematics 2 (50), Mechanical Science and Structures (50). Overall average grade: 55.

BEng Electrical and Electronic Engineering: Foundation Year Mathematics 1 (50), Engineering Science (50), Foundation Year Mathematics 2 (50), Electrical Science and Digital Technology (50). Overall average grade: 55.

BEng Mechanical Engineering: Foundation Year Mathematics 1 (50), Engineering Science (50), Foundation Year Mathematics 2 (50), Mechanical Science and Structures (50). Overall average grade: 55.

BEng Robotics and Artificial Intelligence: Foundation Year Mathematics 1 (50), Digital and Software Applications in Engineering (50), Foundation Year Mathematics 2 (50), Electrical Science and Digital Technology (50). Overall average grade: 55.

BSc Automotive Technology: Overall grade: 45

G: Professional accreditation requirements

Not Applicable

H: Management of programme and support for student learning

Management

The programme is managed and administered through:

- The programme is managed and administered through: The Collaborative Partnership Leader, who is responsible for advising students on the programme as a whole and chairing the programme committee, Programme Managers in the Colleges (equivalent to UH Programme Leaders) who are responsible for the day-to-day management, Student representatives on programme committees, Module Leaders, A designated administrative team to deal with day-to-day administration associated with the modules within the programme.

Support

Students are supported by:

- Students are supported by: An induction week at the beginning of each new academic session, A named member of staff who will be an important point of contact, able to help you gain a good understanding of the School and programme you are studying, A School-based Academic Support Hub (SASH) who provide academic support, A substantial Student Centre that provides advice on issues such as finance, University regulations, legal matters, accommodation, international student support, etc., Office of Dean of Students, Student Wellbeing (incorporating Counselling, Mental Health and Disability Support), Chaplaincy, and Day Nursery, A versatile online interactive intranet and learning environment, Guided student-centred learning on Canvas module sites, Access to extensive digital and print collections of information resources, Attractive modern study environments in 2 Learning Resources Centres, Student Success Hubs, which include a Mathematics Drop-in Centre, Medical Centre, University Disability Advisors, Careers and Employment, Hertfordshire Student's Union, Dedicated programme site.

I: Programme structures, features, levels, modules, and credits

Programme structure

Year: Year 1

Progression to level 4 of an Engineering based BEng or BSc programme at the University of Hertfordshire typically requires meeting the relevant module grades as detailed in Variations to Regulations

Students who successfully complete 120 credits at Level 0 on the PEEF Programme but who elect not to continue to study at UH are eligible for a "Foundation Certificate" as an exit award where their study meets all UH requirements for this award. APCL credits do not count towards the 120-credit requirement for PEEF students receiving this award.

Maximum credits: 120					
Semester	Module Code	Module Title	Credits	Level	Core/optional
Semester A	0ENT2000	Engineering Studies and Skills	15	0	Core
Semester A	0ENT2000	Engineering Studies and Skills	15	0	Core
Semester A	0FTC2003	Foundation Year Mathematics 1 (WHC)	15	0	Core
Semester A	0FTC2003	Foundation Year Mathematics 1 (WHC)	15	0	Core
Semester A	0FTC2006	Engineering Science (WHC)	15	0	Core
Semester A	0FTC2006	Engineering Science (WHC)	15	0	Core
Semester A	0FTC2009	Digital and Software Applications in Engineering (WHC)	15	0	Core
Semester A	0FTC2009	Digital and Software Applications in Engineering (WHC)	15	0	Core
Semester B	0ENT2001	Foundation Year Project	15	0	Core
Semester B	0ENT2001	Foundation Year Project	15	0	Core
Semester B	0FTC2012	Foundation Year Mathematics 2 (WHC)	15	0	Core
Semester B	0FTC2012	Foundation Year Mathematics 2 (WHC)	15	0	Core
Semester B	0FTC2015	Mechanical Science and Structures (WHC)	15	0	Core
Semester B	0FTC2015	Mechanical Science and Structures (WHC)	15	0	Core
Semester B	0FTC2018	Electrical Science and Digital Technology (WHC)	15	0	Core
Semester B	0FTC2018	Electrical Science and Digital Technology (WHC)	15	0	Core

Final and interim awards available

Final award	Award title	Minimum requirements	Available at the end of level
FCert	(Untitled)	See UPR AS11, section 13: http://sitem.herts.ac.uk/secretreg/upr/AS11.htm 120 credits @ Level 0	0

Interim award	Award title	Minimum requirements	Available at the end of level
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Other sources of information

In addition to this Programme Specification, the University publishes guidance to registered students on the programme and its constituent modules:

- A dedicated programme site on the University's Virtual Learning Environment (Canvas);
- A Definitive Module Document (DMD) for each constituent module;

The [Ask Herts](#) website provides information on a wide range of resources and services available at the University of Hertfordshire including academic support, accommodation, fees, funding, visas, wellbeing services and student societies.

As a condition of registration, all students of the University of Hertfordshire are required to comply with the University's rules, regulations and procedures. These are published in a series of documents called 'University Policies and Regulations' (UPRs). The University requires that all students consult these documents which are available on-line, on the UPR web site, at: <http://www.herts.ac.uk/secreg/upr/>. In particular, [UPR SA07](#) 'Regulations and Advice for Students' Particular Attention - Index' provides information on the UPRs that contain the academic regulations of particular relevance for undergraduate and taught postgraduate students.

In accordance with section 4(5) of the Higher Education and Research Act 2017 (HERA), the UK Office for Students (OfS) has registered the University of Hertfordshire in the register of English higher education providers. The Register can be viewed at: <https://www.officeforstudents.org.uk/advice-and-guidance/the-register/the-ofs-register/>.

Furthermore, the OfS has judged that the University of Hertfordshire delivers consistently very high-quality teaching, learning and outcomes for its students. Consequently, the University received a Silver award in the 2023 Teaching Excellence Framework (TEF) exercise. This award was made in October 2023 and is valid for up to 4 years. The TEF panel's report and conclusions can be accessed [via this link](#).

J: Development of intended programme learning outcomes in the constituent modules

These maps identify where the programme learning outcomes are assessed in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the programme aims (ii) a checklist for quality control purposes and (iii) a means to help students monitor their own learning, personal and professional development as the programme progresses.

X = Delivered and Assessed

Module Code	IS 1	IS 2	KU 1	KU 2	KU 3	PS 1	PS 2	PS 3	TS 1	TS 2	TS 3	TS 4
0ENT2000					X	X	X	X	X	X	X	X
0ENT2001				X	X	X	X	X	X	X	X	X
0FTC2003	X	X	X									X
0FTC2006	X	X	X	X		X		X	X			
0FTC2009					X		X			X	X	
0FTC2012	X	X	X									X
0FTC2015	X	X	X	X		X						
0FTC2018	X	X	X	X	X	X	X	X	X	X		

Key to module codes

Module code	Level	Title
0ENT2000	0	Engineering Studies and Skills
0ENT2000	0	Engineering Studies and Skills
0ENT2001	0	Foundation Year Project
0ENT2001	0	Foundation Year Project
0FTC2003	0	Foundation Year Mathematics 1 (WHC)
0FTC2003	0	Foundation Year Mathematics 1 (WHC)
0FTC2006	0	Engineering Science (WHC)
0FTC2006	0	Engineering Science (WHC)
0FTC2009	0	Digital and Software Applications in Engineering (WHC)
0FTC2009	0	Digital and Software Applications in Engineering (WHC)
0FTC2012	0	Foundation Year Mathematics 2 (WHC)
0FTC2012	0	Foundation Year Mathematics 2 (WHC)
0FTC2015	0	Mechanical Science and Structures (WHC)

0FTC2015	0	Mechanical Science and Structures (WHC)
0FTC2018	0	Electrical Science and Digital Technology (WHC)
0FTC2018	0	Electrical Science and Digital Technology (WHC)

Key to programme learning outcomes for Intellectual Skills

- IS1 Demonstrate their ability to analyse engineering problems using appropriate mathematical techniques.
- IS2 Demonstrate their ability to analyse engineering systems using appropriate scientific principles.

Key to programme learning outcomes for Knowledge and Understanding

- KU1 Mathematics required by students entering undergraduate Engineering and Technology programmes.
- KU2 The fundamental sciences required by students entering undergraduate Engineering and Technology programmes.
- KU3 The principles of IT and communications relevant to Engineering and Technology disciplines.

Key to programme learning outcomes for Practical Skills

- PS1 Perform experimental work and draw conclusions.
- PS2 Use computer-based engineering tools.
- PS3 Prepare technical documentation.

Key to programme learning outcomes for Transferrable Skills

- TS1 Communicate effectively, both orally and in writing.
- TS2 Use commonly available IT tools.
- TS3 Manipulate, sort and present data.
- TS4 Solve problems in a logical manner.

Development of Graduate Attributes in the constituent modules

This map identifies where the Graduate Attributes are delivered in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the development of the Graduate Attributes (ii) a checklist for quality control purposes and

(iii) a means to help students monitor their own personal and professional development as the programme progresses. [Note that there is no requirement for the Graduate Attributes to be assessed through these modules]

D = Delivered

Module Title	Module Code	Level	Professionally Focused	Globally Minded	Sustainability Driven	Digitally Capable & Confident	Inclusive and Collaborative	Evidenced-based and Ethical
Engineering Studies and Skills	0ENT2000	0	D	D	D			D
Foundation Year Project	0ENT2001	0	D	D	D		D	D
Foundation Year Mathematics 1 (WHC)	0FTC2003	0	D	D				
Engineering Science (WHC)	0FTC2006	0	D	D	D		D	D
Digital and Software Applications in Engineering (WHC)	0FTC2009	0	D	D		D		D
Foundation Year Mathematics 2 (WHC)	0FTC2012	0	D	D				
Mechanical Science and Structures (WHC)	0FTC2015	0	D	D	D	D		D
Electrical Science and Digital Technology (WHC)	0FTC2018	0	D	D	D	D		D