

University of Plymouth

Facult

1. BEng (Hons) Robotics with Foundation Year

Final award title N/A

Intermediate award title(s) N/A

Intermediate award title(s) N/A

UCAS code H679

JACS code H671

2. Awarding Institution : University

Teaching institution(s) : University

3. Accrediting body (ies)

None

4. Distinctive Features of the Programme and the Student Experience

This programme is part of a suite of programmes which form the integrated four-year Engineering, Computing, or Mathematics and Statistics. The subsequent stages comprise the appropriate degree course chosen by

Progression from University

The main progression routes are:

BEng (Hons) Electronic and Electrical Engineering

BEng (Hons) Robotics

MEng (Hons) Electronic and Electrical Engineering

MEng (Hons) Robotics

All students will be encouraged to realise their full potential by science, engineering and computing presented as subjects that are relevant, useful and stimulating. The programme has now been running (in various guises) for over twenty

years and students consistently achieve high standards.

Our aim is to prepare students full
we will assess through a standard mixture of examinations, coursework
assignments, in-class tests, laborator
give opportunities for regular feedback throughout the

There is a considerable amount of pastoral care offered to students b eir
lecturers, including surger
with Mathematics.

5. Relevant QAA Subject Benchmark Group(s)
None for foundation level
6. Programme S tructure
Stage 0.

7. Programme Aims

The programme aims are:

1. To give students with non-scientific backgrounds and those returning to stud
without the appropriate qualifications a solid foundation in the scientific and
technological subjects required for progression onto Stage 1 of their chosen
degree programmes in

8. Programme Intended Learning Outcomes

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1. Recognise and employ, using appropriate mathematical, computational and scientific methods, to solve simple but realistic problems in the ever y

2.

	<p>grades A to C in four subjects including mathematics (grade B), English and a science subject. In addition, students should have achieved one of the following:</p> <p>National Diploma: MMP National Certificate: DM International Baccalaureate: 24 European Baccalaureate: 60% Access Courses: Pass with 33% of modules at Merit or above.</p> <p>Applicants with other qualifications should make enquiries to the admissions team and will be considered on an individual basis.</p> <p>Applicants whose mathematical achievements are significantly weaker than a grade C in mathematics GCSE will be required to attend an interview as above.</p>
International Applicants	<p>We welcome applications from international students who cannot directly demonstrate an equivalent level of qualifications to those detailed above. They must be able to show evidence of competence in the English language equivalent to IELTS 6.0, with at least 5.5 in each element, in addition to any requirements imposed by</p>

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Applicants with disabilities are encouraged to talk to staff in Disability Services about the assistance available from the University. Students with disabilities which they feel will impact on their studies are usually members of Disability Services. They should contact Disability Services for more details of the requirements in more detail. This would normally have been made through UCAS, though informal discussions can take place before this.

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10. Progression criteria for Final and Intermediate Awards

Students can progress from the foundation course to the first year of the cognate to the discipline they are studying (see page 2). Progression is automatic subject to the restrictions below.

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Students must pass with 50% overall to progress to BEng programmes.

11. Exceptions to Regulations

From 2023/24 Academic Year, the normal University application Students need to obtain a minimum of 40% in each contributing module to achieve the Foundation Stage.

12. Transitional Arrangements

None

Mapping and Appendices:

13.1 ILO's against Modules Mapping

Learning Outcome	Modules
1. Recognise and employ scientific principles, using appropriate mathematical, computational and scientific methods, to solve simple but realistic problems in the real world;	All Modules
2. Work both as individuals and as part of a team, to present a detailed technical report both in writing and oral chosen project;	ROCO051
3. Demonstrate an understanding of the careers and distinctive cultures in the area of Computing, Engineering or Mathematical sciences depending on the pathway chosen;	ROCO051
4. Demonstrate a factual/conceptual knowledge base appropriate to the level of student in Computing, Engineering and Mathematical sciences;	All Modules

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5. Where necessary
safely

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