

Study with us

About your course

Courses covered

Code	Title
EIMASTEPE	MSc Power Electronics and Control

You can find full details of your course in the *Programme Specification*.

Important points

- Accreditation is a mark of assurance that the degree meets the standards set by the Engineering Council in the UK Standard for Professional Engineering Competence (UK-SPEC).
- Accreditation as Partial CEng (Further Learning) was given by the IET for the 2016 to the 2018 intake (inclusive) and further accreditation from the IET is being sought back date to 2019 intake.
- The University of Hertfordshire has over 60 years' experience of teaching electronics engineering, we have long-established links with the electronics engineering sector. Our links within the sector ensure that our courses are tailored to meet the needs of employers in this sector.
- This recently developed course is one of the actions we have taken to match employer needs. Notable companies recruit with this qualification such as Siemens and defense companies such as Lockheed Martin.
- This MSc focuses on the development of the students' practical skills for the analysis, design and application of power conversion systems in key areas of industry.
- The course will enable students to solve multidisciplinary problems related to energy conversion, renewable energy systems integration and energy efficiency.
- Students will be able to critically evaluate new developments in technology, carry out independent research and coordinate project activities.
- The programme is offered in full-time and part-time modes.
- Full-time students
 - Semester A (September) Entry in Option 1 is to include an early start of project module in a study pattern of semester A, B then C. It runs over one calendar year.
 - Semester A (September) Entry option 2 is to select a longer study time in a study pattern of semester A, B then A. It will run for a period of 18 months.
 - Semester B entry in January runs over 18 months with a pattern semester B, A then B.

- Identical modules will be studied on both September and January intakes.
- In a part-time mode, the programme is normally offered in 3 years with identical modules studied with the full-time students.

Academic Year

Academic Year 2021 – 2022

The University's academic year is made up of 3 Semesters. Normally most undergraduate programmes use Semesters A and B, additionally postgraduate programmes and specific undergraduate programmes use Semester C. Each of these is made up of teaching weeks followed by exams (the re-sit period falls within Semester C).

- Semester A runs from Monday 27 September 2021 to Friday 21 January 2022
- Semester B runs from Monday 24 January 2022 to Friday 13 May 2022
- Semester C runs from Monday 16 May 2022 to Friday 09 September 2022

Additional expenses

Description	Year	Mandatory/ Optional	Estimated cost
Microsoft Office 365 account for the duration of your studies The package will give you: <ul style="list-style-type: none"> • Full, installed Office applications Word, Excel, PowerPoint, Outlook, Publisher, and OneNote on up to 5 PCs or Macs. • Office on tablets and phones for the Office experience on up to 5 tablets and 5 phones. • Online versions of Office including Word, Excel, and PowerPoint. File storage and sharing with 1 TB storage.		Mandatory	Provided by the University at no cost to students / FREE
A recommended reading list is supplied for each module of the programme. Wherever possible, books held by UH LRC are used, but students may choose to buy certain books for their own use. There are no compulsory book purchases.		Optional	Not applicable
No additional expenses have been specified for this course.			

* In the academic year 2021/22 exams will be replaced with alternative forms of assessment due to the covid pandemic. Alternative forms of assessment may include, but are not limited to, online timed tests and take home coursework.