

Study with us

About your course

Courses covered

Code	Title
EIMASTADME	MSc Mechanical Engineering

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).
- Previous award has accreditation from the IMechE as meeting the further learning requirement for cohort intakes from 2016 up to and including, 2019. The same accreditation is being sought from the IMechE for the award for the 2020 intake onwards.
- Previous award has accreditation from the RAeS as meeting the further learning requirement for cohort intakes from 2016 up to and including, 2019. The same accreditation is being sought from the RAeS for the award for the 2020 intake onwards.
- The University of Hertfordshire has over 60 years' experience of teaching engineering, we have long-established links with the engineering sector. Our links within the sector ensure that our courses are tailored to meet the needs of employers in this sector.
- This MSc focuses on the development of the control and dynamics theories used in the design of systems and more specifically their application in a wide variety of engineered systems and subsystems.
- Appreciation of the need for process, product development and quality and reliability issues relevant to the introduction of products in a cost effective and timely manner is supported in this course.
- Identification of materials, process and techniques for the structural analysis, design and construction of engineered components. This will include the construction of CAE models and evaluation of results, the limitations of present techniques and the potential future direction of developments in the CAE field.
- 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
<p>Microsoft Office 365 account for the duration of your studies</p> <p>The package will give you:</p> <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
<p>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.</p>		Optional	Not applicable