

Study with us

About your course

Courses covered

Code	Title	UCAS Code
EIMENGAE	Aerospace Systems Engineering with Pilot Studies	H491

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

Important points

- Progression to level 5 of MEng requires a minimum of 120 credits with an average of 60%.
- Progression to level 6 of MEng requires a minimum of 240 credits with an average of 60% at level 4 and 5.
- Progression to level 7 requires: Eligibility will be based on obtaining at least an upper second class BEng Honours exit award as defined under the Programme Specific Regulations. If any of the progression requirements stated above are not met then the Board of Examiners is empowered to require the student to transfer to the BEng (Honours) or BEng (non-Honours) degree programme. The study pattern for students transferring onto the BEng (non-Honours) route shall be agreed on a case-by-case basis with the BEng Programme Tutor or Associate Dean of School.
- A compensated pass cannot be awarded for the MEng Team Project or the Individual Project modules.
- Students who have not achieved the minimum progression requirements at the end of level 5 may be prevented from undertaking a sandwich placement.
- Option available to undertake additional study abroad or an Industrial Placement.
- In addition to the academic fees, students studying the module 6ENT1041 Pilot Studies & Flight Analysis as part of the MEng in Aerospace Systems Engineering with Pilot Studies will be responsible for the cost of at least 20 hours flying tuition at a UH approved flying school.
- Students wishing to take the EASA PPL Ground School Examinations are responsible for paying the examination fees.
- Students wishing to fly solo should note that they need to comply with the required medical standards. For the NPPL, a medical certificate issued by a GP to DVLA standards for HGV is sufficient. For the full PPL, students will be required to pass an Initial JAR Class 2 (Private Pilot) medical examination. This medical examination can be carried out by any UK CAA approved Authorised Medical Examiner (AME) and can be arranged through the flying school. However, there are several AMEs in each county and others overseas. Further details of the medical requirements for flying and the necessary medical examination can be found on the UK Civil Aviation Authority website <http://www.caa.co.uk>.

- If a student chooses to take the LAPL Examinations, then the additional fees are payable to the Flying School. Students may also optionally pay for additional flying by direct arrangement with the Flying School. This might be done, for example, to top up to a PPL.
- The minimum 20 hours flying requirement associated with the Pilot Studies and Flight Analysis module 6ENT1041 shall be completed by students by the end of Semester B in their penultimate year of study (level 6). Students should note that they may commence flying at the University approved Flying School in the UK at any point after the commencement of their study on the programme.
- If a student obtains an FNFA grade (Fail, No Further Attempt) on the Piloting Experience module (6ENT1151), they cannot be considered for a degree in Aerospace Systems Engineering with Pilot Studies. However, they can be considered for a degree in Aerospace Systems Technology (which is not currently accredited) as an Interim Award.

Academic Year

Academic Year 2019 - 2020

The University's academic year is made up of 3 Semesters. For most undergraduate/postgraduate 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)

- Semester A runs from Monday 23 September 2019 - Friday 20 December 2019
- Semester B runs from Monday 13 January 2020 - Friday 3 April 2020
- Semester C runs from Monday 20 April 2020 - Friday 18 September 2020

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.

	Lectures, seminars, tutorials	Independent study	Placement
Year 1	27%	73%	0%
Year 2	26%	74%	0%
Year 3 Sandwich	0%	0%	100%
Year 3 Full Time/Year 4 Sandwich	21%	79%	0%
Final Year	17%	83%	0%

Method of assessment

	Written Exam	Coursework	Practical
Year 1	25%	75%	0%
Year 2	25%	75%	0%
Year 3 Sandwich	0%	100%	0%
Final Year 3 Full Time/Year 4 Sandwich	23%	77%	0%
Final Year	30%	70%	0%

Additional expenses

Description	Year	Mandatory/ Optional	Estimated cost
Flying lessons (minimum of 20 hours)	1	Mandatory	(1) At Stapleford - £3,300 for a Cessna 152, £3,700 for a Piper (2) At Hunsdon - £2,600 for a Microlight plus membership fee of £50 per quarter. (3) At Northwestern Michigan College – \$3,700 for a Cessna 152, \$4,900 for a Cessna 172. To this must be added costs of flights, the appropriate US visa and accommodation and other living expenses.
Navigation equipment	1	Mandatory	£15
CRP	1	Mandatory	£20-£35
Logbook	1	Mandatory	£15
Charts	1	Optional	£15
Headsets	1	Optional	£100-£900
PPL books	1	Optional	£100
EASA exams		Optional	£225
Class 2 Medical for a PPL licence		Optional	£120
NMC – Medical		Optional	£50
FAA Exam		Optional	£112
NMC – Practical Skills test		Optional	£225
NPPL/BMAA exams		Optional	£125
Hunsdon – Medical declaration signed by GP		Optional	£25
Experience flight at Hunsdon		Optional	£35
CATIA 12 month software licence	Each year	Optional	£40
A number of optional trips to industry for which personal protective clothing/equipment would need to be purchased	Across all years	Optional	£25-40

<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>	<p>Across all years</p>	<p>Optional</p>	<p>Not applicable</p>
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