

Modules

You must take all modules

Code	Title	ECTS	Pass-mark	Assessments			Must Pass
BIOE50001	Bioengineering Science 2	5	40%	Written exam	80%	Main exam	
				Problem sheet	10%	Problem sheet 1	
				Problem sheet	10%	Problem sheet 2	
BIOE50002	Design and Professional Practice 2	10	40%	Written report	0%	Product specification document	
				Presentation	30%	Group presentation	
				Poster	30%	Poster and project demonstration event	
				Written report	40%	Final report	
BIOE50003	Electronics and Electromagnetics 2	10	40%	Written exam	70%	Combined final exam	
				Lab report	15%	SPICE coursework	
				Quiz	15%	EM quiz	
BIOE50004	Fluid and Solid Mechanics 2	10	40%	Mastery exam	40%	Combined fluids and solids mastery	✓
				Written exam	50%	Non-mastery exam	
				Lab report	10%	Lab report	
BIOE50006	Mathematics 2	7.5	40%	Written exam	70%	Main exam	
				Progress test	20%	Alpha/Beta progress test	
				Progress test	10%	Gamma progress test	
BIOE50008	Medical Science 2	5	40%	Written exam	60%	Main exam	
				Mastery exam	40%	Mastery	✓
BIOE50010	Programming 2	5	40%	Written exam	50%	Live programming test	
				Coursework	50%	Assignment	
BIOE50011	Signals and Control	7.5	40%	Written exam	70%	Signals and Control exam	
				Progress test	20%	Progress Test 1: Signals	
				Progress test	10%	Progress Test 2: Control	

Explanation of table

For each module:-

- 'ECTS' is an indication of how much time should be spent on the module in total, where 1 ECTS credit is 25-30 hours. This includes all teaching, private study, revision and assessment. A module's weighting – ie the contribution of the module's mark to the overall year mark, is proportional to the ECTS weighting (ECTS for module/ECTS for year)*100. There are 60 ECTS in the year.
- Module 'pass-mark' indicates what mark must be achieved in the module to pass it, taking all assessments in that module into account. This is normally 40%.
- 'Assessments' indicate the type of each assessment within the module, the weighting of each assessment within the module, and the name of the assessment. Any assessment marked Pass/Fail must be passed for the module to be passed
- 'Must Pass' - mastery exams must be passed at one of the three attempts in order to pass the module

GUIDANCE NOTES

Contribution to final degree marks

- **BEng year weightings**
The weightings of years 1,2,3 for the BEng are 7.5%, 35%, 57.5% respectively
- **MEng year weightings**
The weightings of years 1,2,3,4 for the MEng are 7.5%, 20%, 36.25%, 36.25% respectively

Rules for progression: Year 2

- In year 2 every module is compulsory and students have no elective modules.
- In order to pass the second year and qualify to progress to the third year, a student must:
 - Achieve an aggregate mark of at least 40% for each module's overall mark, and pass all Pass/Fail assessments, and all 'Must Pass' assessments.
 - Achieve an aggregate mark of at least 40% for the overall year mark

What if I fail modules?

Compensation

A module is failed if its overall mark is below the pass-mark or if any assessment marked 'Must-Pass' in the table on the previous page is failed. However, under the following circumstances the module may be 'compensated' – ie considered a pass:-

- A module with a failed 'Must-pass' assessment cannot be compensated.
- The module mark can be no further than 10% below the pass-mark.
- A student can have no more than 15 ECTS of compensated modules across their whole degree programme.
- Compensation is at Exam Board discretion. In year 2, the Exam Board may consider a resit more appropriate.
- The Exam Board would not normally compensate more than one module in year 2.

Resits

Students are permitted resits in accordance with the Departmental resit policy:-

- In the absence of approved mitigating circumstances, and following any application of any compensation as described above, Year 2 students who have failed modules at first attempt will normally be:
 - offered a capped in-year re-assessment opportunity of failed modules (normally if they have passed at least 45 ECTS in that year of programme.)
 - required to retake the year in attendance as if for the first time (can only be offered once), retake the failed modules, or resit the failed modules' assessments in the following year, (normally if they have passed at least 30 ECTS but fewer than 45) in that year of programme.
 - required to withdraw from the programme if they have demonstrated significant failure (as determined by the Exam Board – but normally defined as less than 30 ECTS passed at the first assessment opportunity).
- For non-progressing students after in-year re-assessments have taken place, the Board of Examiners' decisions will normally be determined by clauses 167 and 170 of the Regulations of Taught Programmes of Study.
- For students with accepted mitigating circumstances affecting assessments:-
 - It is ultimately the Exam Board that decides on any action to be taken in response to accepted mitigation.
 - If the module is passed, there is normally no further action, but the mitigation can be taken into account at the final degree exam board (clause 162 of the Regulations of Taught Programmes of Study).
 - If the module is not passed, a deferred attempt at the affected assessment will normally be offered in the summer resit period as an opportunity to progress. If the student has multiple affected assessments, the student can choose to take all or some of these during the summer re-assessment period or return to take them at the next available opportunity. However, advice will be offered to the student by Board of Examiners, the Director of Teaching, the Academic Tutor and the Student Well-being Adviser.

Mastery exams

- BIOE50008 Medical Science II
- BIOE50004 Fluid and Solid Mechanics 2

Each of the above modules has a mastery exam. A mastery is a must-pass examination, which means that you need to pass it to pass that module. Passing the mastery exam with any grade above its pass mark gives 40 of that module's possible 100 marks – the remaining marks coming from the module's other assessments. Students are allowed two attempts at passing the mastery exam for each module during the year. Students failing both attempts at mastery in a module have failed that module. If a student is eligible for in-year resits, they may be offered a third attempt to pass mastery during the August resit period. If a student passes mastery at this third, re-sit attempt, then they get a capped mark of 40% for that module and the other assessments in that module are not counted. Students with accepted mitigation affecting an attempt may have to return the following academic year to take the replacement attempt.

MEng progress

- To continue on the MEng programme, a student will normally be expected to achieve an aggregate year 2 mark of at least 60%. Students passing with an aggregate year 2 mark below 60% but at least 55% must transfer to year 3 of the BEng BH81, but with a chance of returning to the MEng in year 4 if they get sufficient marks in year 3 such that both the BEng weighted mark and the year 3 mark are at least 60%. Students getting below 55% in year 2 will normally be required to transfer to programme BH81 BEng in Biomedical Engineering and take their final year in year 3.