

### Modules

You must take all modules in the table

Code	Title	ECTS	Pass-mark	Assessments		
BIOE40002	Computer Fundamentals and Programming 1	10	40%	Written exam	60%	Digital logic exam
				Live programming test	30%	Programming Test
				Progress test	0%	Logbook test
				Progress test	10%	Matlab online test
BIOE40003	Design and Professional Practice 1	5	40%	Portfolio	40%	Portfolio
				Written report	60%	Design challenge document
				Presentation	0%	Walking and running/spitting
				Portfolio	0%	Portfolio Review
BIOE40005	Mathematics and Engineering 1	15	40%	Progress test	10%	Progress test - alpha/beta
				Progress test	10%	Progress test - gamma/delta
				Written exam	50%	Mathematics exam
				Written exam	30%	Fundamentals of Engineering exam
BIOE40007	Medical and Biochemical Science 1	15	40%	Written exam	60%	Combined Medical science and MCP exam
				Lab portfolio	40%	Lab reports
BIOE40008	Molecules and Energetics 1	15	40%	Written exam	20%	Molecules exam
				Written exam	50%	Thermodynamics and kinetics exam
				Lab report	10%	Contact Angles
				Lab report	10%	Enzyme kinetics and thermodynamics
				Lab report	10%	pH and buffers

### 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 module's mark contribution 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

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## **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 1**

- In year 1 every module is compulsory and students have no elective modules.
- In order to pass the first year and qualify to progress to the second year, a student must:
  - Achieve an aggregate mark of at least 40% for each module's overall mark.
  - Achieve an aggregate 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. However, under the following circumstances the module may be 'compensated' – ie considered a pass:-

- 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 1, the Exam Board may consider a resit more appropriate.
- The Exam Board would not normally compensate more than one module in year 1.

#### ***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 1 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 163 and 166 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 158 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.