

These programme regulations should be read in conjunction with the University's <u>core regulations for</u> <u>undergraduate programmes</u>, and the <u>marking and classification conventions for undergraduate programmes</u>.

MEng Computer Science (G406), MEng Computer Science with Year Abroad (G407)

1. This programme is available at Durham city, in a full-time mode of study.

Level 1 (Certificate)

2. Candidates shall study and be assessed in the following modules:

| | | Credit value |
|----------------------------------|-----------------|--------------|
| Algorithms and Data Structures | <u>COMP1081</u> | 20 |
| Computational Thinking | <u>COMP1051</u> | 20 |
| Computer Systems | <u>COMP1071</u> | 20 |
| Introduction to Programming | <u>COMP1011</u> | 20 |
| Mathematics for Computer Science | <u>COMP1021</u> | 20 |

3. Candidates shall also study and be assessed in modules up to the value of 20 credits offered by any other Boards of Studies (including appropriate credit-bearing language modules offered by the University's Centre for Foreign Language Study).

Level 2 (Diploma)

4. Candidates shall study and be assessed in the following modules:

| | | Credit value |
|------------------------|-----------------|--------------|
| Networks and Systems | <u>COMP2211</u> | 20 |
| Programming Paradigms | <u>COMP2221</u> | 20 |
| Software Engineering | <u>COMP2252</u> | 40 |
| Software Methodologies | <u>COMP2231</u> | 20 |
| Theory of Computation | <u>COMP2181</u> | 20 |

Level 3 (Degree)

5. Candidates shall study and be assessed in the following modules:

| | | Credit value |
|----------------------|-----------------|--------------|
| Individual Project ~ | <u>COMP3012</u> | 40 |

6. Candidates shall also study and be assessed in modules to the value of 80 credits from:

| | | Credit value |
|--|-----------------|--------------|
| Computing Methodologies III | <u>COMP3371</u> | 20 |
| Software, Systems and Applications III | <u>COMP3381</u> | 20 |
| Theoretical Computer Science III | <u>COMP3391</u> | 20 |
| Advanced Computer Systems III | <u>COMP3431</u> | 20 |
| Contemporary Computer Science III (40 credits) | <u>COMP3402</u> | 40 |
| Contemporary Computer Science III (20 credits) | <u>COMP3411</u> | 20 |
| Computer Science into Schools | <u>COMP3421</u> | 20 |
| | | |

Level 4 (Degree)

7. Candidates shall study and be assessed in the following modules:

| | 5 | 5 | | Credit value |
|------------------|---|---|-----------------|--------------|
| Advanced Project | | | <u>COMP4013</u> | 60 |

8. Candidates shall also study and be assessed in modules to the value of 60 credits from:

| | | Credit value |
|---|-----------------|--------------|
| Computing Methodologies IV | <u>COMP4031</u> | 20 |
| Contemporary Computer Science IV (40 credits) | <u>COMP4042</u> | 40 |
| Contemporary Computer Science IV (20 credits) | <u>COMP4051</u> | 20 |

<u>COMP4061</u> 20 <u>COMP4071</u> 20

Assessment, progression and award

- 9. Students who fail to achieve the standard required under the Core Regulations for progression to Level 2 of the MEng but who achieve the standard required for progression to Level 2 of a Bachelors programme may progress to Level 2 of the BSc in Computer Science in the Ordinary stream in accordance with the Core Regulations.
- 10. Students who fail to achieve the standard required under the Core Regulations for progression to Level 3 of the MEng but who achieve the standard required for progression to Level 3 of a Bachelors programme may progress to Level 3 of the BSc in Computer Science in the Honours or Ordinary stream in accordance with the Core Regulations.
- 11. A student who is qualified to progress from Level 2 to Level 3 of the MEng programme but who wishes to transfer to Level 3 of the BSc in Computer Science shall be permitted to do so.
- 12. Students whose achievement at the end of Level 3 does not qualify them to proceed to Level 4 may be awarded the degree of BSc in Computer Science at either Honours or Ordinary level in accordance with the Core Regulations for the award of a Bachelors degree
- 13. Students whose achievement at the end of Level 4 does not qualify them to be awarded an MEng degree may be awarded the degree of BSc in Computer Science at either Honours or Ordinary level in accordance with the Core Regulations for the award of a Bachelors degree
- 14. Modules marked with the ~ symbol must be passed at 40% or above for the award of an honours degree. A mark of 30-39% cannot be compensated.

Year Abroad – Year 3 or Year 4

- 15. Students admitted to the MEng Computer Science (G406) are able to apply to transfer to the MEng Computer Science with Year Abroad (G407). Students undertaking the MEng Computer Science with Year Abroad (G407) will undertake an approved exchange in an overseas university taking a course of study chosen in consultation with the departmental exchange coordinator or their academic adviser and the host institution.
- 16. Candidates wishing to transfer to the MEng Computer Science with Year Abroad (G407) must:
 - a. have successfully completed Level 1 of the MEng Computer Science (G406) and progressed to Level 2 of the honours; and
 - b. during the first term of Level 2 or Level 3 study, apply via the School's exchange coordinator to the Board of Studies in Computer Science to be admitted to the MEng Computer Science with Year Abroad (G407) and have their application approved by the Board of Studies; and
 - c. secure an exchange opportunity with an approved international partner institution of the University; and
 - d. successfully complete Level 2 of the MEng Computer Science so as to be eligible to progress to Level 3 of the MEng Computer Science (G400) Honours programme.
- 17. The marks achieved by the student during the period of study abroad will not contribute to the marks for degree classification. Students who the Board of Examiners for Computer Science deem to have made satisfactory progress on the year abroad will continue to Level 3 or Level 4 of the MEng Computer Science with Year Abroad (G407) programme. Students who have not made satisfactory progress on the year abroad will not be permitted to continue on the MEng Computer Science with Year Abroad (G407) programme, but must instead proceed to Level 3 or Level 4 of the MEng Computer Science (G406) programme.

Professional accreditation

18. These programmes are accredited by the British Computer Society, the Chartered Institute for IT for the

purposes of fully meeting the academic requirement for registration as a Chartered IT Professional (CITP) for students entering Level 1 up to and including October 2020.

19. These programmes are accredited by the British Computer Society, the Chartered Institute for IT on behalf of the Science Council for the purposes of partially meeting the academic requirement for registration as a Chartered Scientist (CSci) for students entering Level 1 up to and including October 2020.