

These programme regulations should be read in conjunction with the University's [core regulations for undergraduate programmes](#), and the [marking and classification conventions for undergraduate programmes](#).

MSci Computer Science and Mathematics (G425)

MSci Computer Science and Mathematics with Placement (G426)

1. This programme is available at Durham City, in a full-time mode of study.
2. All module selections must be timetable compatible and approved by the Director of Natural Sciences or by their nominee to ensure a credible pathway through to 120 credits of Year 4 modules.

Level 1 (Certificate)

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

| | | Credit value |
|--------------------------------|--------------------------|---------------------|
| Computational Thinking * | COMP1051 | 20 |
| Algorithms And Data Structures | COMP1081 | 20 |
| Linear Algebra I # | MATH1071 | 20 |
| Calculus I # | MATH1061 | 20 |
| Probability I | MATH1597 | 10 |
| Statistics 1 | MATH1617 | 10 |

4. Candidates shall also study and be assessed in 20 credits taken from List A

| List A: | | Credit value |
|--------------------|--------------------------|---------------------|
| Computer Systems | COMP1071 | 20 |
| Progammng (black) | COMP1101 | 20 |
| Programming (gold) | COMP1111 | 20 |

Level 2 (Diploma)

5. Candidates shall study and be assessed in:

| | Credit value |
|---|---------------------|
| Modules from the Level 2 MEng Computer Science (G406) regulations | 60 |
| Modules from the Level 2 Master of Mathematics (G103) regulations of which at most 20 credits may be at Level 1 | 60 |

Level 3 (Degree)

6. Candidates shall study and be assessed in:

| | Credit value |
|--|-----------------------------|
| Project Preparation | COMP3591 20 |
| Modules from the Level 3 MEng Computer Science (G406) regulations and Science Enterprise (NSCI 3001) | 40 |
| Modules from the Level 3 Master of Mathematics (G103) regulations and Science Enterprise (NSCI 3001) | 60 |

Placement – Year 3 or Year 4

7. Candidates admitted to the MSci Computer Science and Mathematics (G425) can apply to transfer to the MSci Computer Science and Mathematics with Placement (G426). Students undertaking the MSci Computer Science and Mathematics with Placement (G426) will undertake an approved placement chosen in consultation with the Director of Natural Sciences or their nominee and the host partner.
8. Candidates wishing to transfer to the MSci Computer Science and Mathematics with Placement (G426) as their third year must:

- a. Have successfully completed Level 1 of the MSci Computer Science and Mathematics (G425) and progressed to Level 2 of the Honours or BSc programme; and
 - b. During the first term of Level 2 study, the student must discuss their intention to apply with the Director of Natural Sciences or their nominee in order to be admitted to the MSci Computer Science and Mathematics with Placement (G426) and receive approval by the Director of Natural Sciences or their nominee; and
 - c. Secure a year-long placement opportunity (40 weeks or more) approved by the Director of Natural Sciences or their nominee with an approved employer; and
 - d. Successfully complete Level 2 to be eligible to progress to Level 3 of the MSci Computer Science and Mathematics (G425) Honours programme.
9. Students who the Board of Examiners for Natural Sciences deem to have made satisfactory progress on the placement will continue to Level 3 of the MSci Computer Science and Mathematics with Placement (G426). Students who have not made satisfactory progress on the placement will not be permitted to continue on the MSci Computer Science and Mathematics with Placement (G426) programme, but must instead proceed to Level 3 of the MSci Computer Science and Mathematics (G425) programme.
10. Candidates wishing to transfer to the MSci Computer Science and Mathematics with Placement (G426) as their fourth year must:
- a. Have successfully completed Level 2 of the MSci Computer Science and Mathematics (G425) and progressed to Level 3 of the Honours programme; and
 - b. During the first term of Level 3 study, the student must discuss their intention to apply with the Director of Natural Sciences or their nominee in order to be admitted to the MSci Computer Science and Mathematics with Placement (G426) and receive approval by the Director of Natural Sciences or their nominee; and
 - c. Secure a year-long placement opportunity (40 weeks or more) approved by the Director of Natural Sciences or their nominee with an approved employer; and
 - d. Successfully complete Level 3 of the MSci Computer Science and Mathematics (G425) programme to be eligible to progress to Level 4 of the MSci Computer Science and Mathematics (G425) Honours programme.
11. Students who the Board of Examiners deem to have made satisfactory progress on the placement will continue to Level 4 of the MSci Computer Science and Mathematics with Placement (G426). Students who have not made satisfactory progress on the placement will not be permitted to continue on the MSci Computer Science and Mathematics with Placement (G426) programme, but must instead proceed to Level 4 of the MSci Computer Science and Mathematics (G425) programme.

Level 4 (Degree)

12. **Either:** Candidates shall study and be assessed in:

| | Credit value |
|---|---------------------|
| Advanced Project | 60 |
| Module(s) from the Level 4 MEng Computer Science (G406) regulations | 20 |
| Modules from the Level 4 Master of Mathematics (G103) regulations | 40 |

Or: Candidates shall study and be assessed in:

| | Credit value |
|---|---------------------|
| Mathematics Project | 40 |
| Modules from the Level 4 Master of Mathematics (G103) regulations | 40 |
| Modules from the Level 4 MEng Computer Science (G406) regulations | 40 |

Assessment, progression and award

13. Modules marked with the # symbol must be passed at no less than 40% in order to progress to the next level of study.
14. Modules marked with the * symbol must be passed at no less than 40% in order to progress to the next level of study. Students who have not passed will not be permitted to continue on the MSci Computer Science and Mathematics (G425) programme, but must instead proceed to Level 2 of the MSci Natural Sciences (FGC0) programme.