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.

BSc Computer Science and Mathematics (G411)

BSc Computer Science and Mathematics with Year Abroad (G412)

BSc Computer Science and Mathematics with Placement (G413)

1. These programmes are 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 3 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
Progamming (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 BSc Computer Science (G400) regulations	60
Modules from the Level 2 BSc Mathematics (G100) regulations of which at most 20 credits may be from Level 1	60

Year 3 (with Year Abroad)

6. Students admitted to the BSc Computer Science and Mathematics (G411) can apply to transfer to the BSc Computer Science and Mathematics with Year Abroad programme (G412). Students undertaking the BSc Computer Science and Mathematics with Year Abroad programme (G412) will undertake an approved exchange in an overseas university taking a course of study chosen in consultation with the Director of Natural Sciences or their nominee and the host institution.
7. Candidates wishing to transfer to the BSc Computer Science and Mathematics with Year Abroad (G412) must:
   a. have successfully completed Level 1 of the BSc Computer Science and Mathematics (G411) and progressed to Level 2 of the Honours programme; and
   b. during the first term of Level 2 study, apply to the Director of Natural Sciences or their nominee to be admitted to the BSc Computer Science and Mathematics (with Year Abroad) (G412); and
   c. secure an exchange opportunity with an approved international partner institution of the University; and
   d. successfully complete Level 2 of the BSc Computer Science and Mathematics (G411) to be eligible to progress to Level 3 of the BSc Computer Science and Mathematics (G411) Honours programme; and

e. register for the module “Natural Sciences Overseas BSc (NSCI 3986)”

8. Candidates who the Board of Examiners deem to have made satisfactory progress on the year abroad will continue to Level 3 of the BSc Computer Science and Mathematics with Year Abroad (G412). Students who have not made satisfactory progress on the year abroad will not be permitted to continue on the BSc Computer Science and Mathematics with Year Abroad (G412) programme, but must instead proceed to Level 3 of the BSc Computer Science and Mathematics (G411) programme.

Year 3 (with Placement)

9. Candidates admitted to the BSc Computer Science and Mathematics (G411) can apply to transfer to the BSc Computer Science and Mathematics with Placement (G413). Students undertaking the BSc Computer Science and Mathematics with Placement (G413) will undertake an approved placement chosen in consultation with the Director of Natural Sciences or their nominee and the host partner.

10. Candidates wishing to transfer to the BSc Computer Science and Mathematics with Placement (G413) as their third year must:

    a. Have successfully completed Level 1 of the BSc Computer Science and Mathematics (G411) and progressed to Level 2 of the Honours 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 BSc Computer Science and Mathematics with Placement (G413) 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 BSc Computer Science and Mathematics (G411) Honours programme; and

    e. register for the module “Natural Sciences Placement BSc (NSCI 3976)”

11. Candidates who the Board of Examiners deem to have made satisfactory progress on the placement will continue to Level 3 of the BSc Computer Science and Mathematics with Placement (G413). Students who have not made satisfactory progress on the placement will not be permitted to continue on the BSc Computer Science and Mathematics with Placement (G413) programme, but must instead proceed to Level 3 of the BSc Computer Science and Mathematics (G411) programme.

Level 3 (Degree)

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

		Credit value
Computer Science Project	COMP3012	40
Modules from Level 3 BSc Mathematics (G100) regulations		40

Or: Candidates shall study and be assessed in the following modules:

		Credit value
Mathematics Project	MATH3382	40
Modules from Level 3 BSc Computer Science (G400) regulations		40

13. Candidates shall also study and be assessed in 40 credits taken from List B:

List B:		**Credit value**
Modules from Level 3 BSc Computer Science (G400) regulations		
Modules from Level 3 BSc Mathematics (G100) regulations		
Science Enterprise	NSCI3001	20

Assessment, progression and award

14. Modules marked with the # symbol must be passed at no less than 40% in order to progress to the next level of study.

15. 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 BSc Computer Science and Mathematics (G411) programme, but must instead proceed to Level 2 of the BSc Natural Sciences (CFG0) programme.