

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](#).

MPhys Physics with placement (F309)

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 |
|-----------------------------|--------------------------|---------------------|
| Foundations of Physics 1 # | PHYS1122 | 40 |
| Discovery Skills in Physics | PHYS1101 | 20 |

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

| | | Credit value |
|------------------------|--------------------------|---------------------|
| Single Mathematics A # | MATH1561 | 20 |
| Single Mathematics B # | MATH1571 | 20 |

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

| | | Credit value |
|------------------------------|--------------------------|---------------------|
| Linear Algebra 1 # | MATH1071 | 20 |
| Calculus and Probability 1 # | MATH1061 | 20 |

4. Candidates shall also study and be assessed in modules to the value of 20 credits from those offered by any board of studies.

Level 2 (Diploma)

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

| | | Credit value |
|-----------------------------------|--------------------------|---------------------|
| Foundations of Physics 2A | PHYS2581 | 20 |
| Foundations of Physics 2B | PHYS2591 | 20 |
| Mathematical Methods in Physics | PHYS2611 | 20 |
| Stars and Galaxies | PHYS2621 | 20 |
| Theoretical Physics 2 | PHYS2631 | 20 |
| Laboratory Skills and Electronics | PHYS2641 | 20 |

Year 3 or 4 or 5 (Placement)

6. During the third, fourth or fifth year candidates shall undertake and be assessed in a work/training placement normally done abroad.

Level 3 (Degree)

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

| | | Credit value |
|---------------------------|--------------------------|---------------------|
| Foundations of Physics 3A | PHYS3621 | 20 |
| Foundations of Physics 3B | PHYS3631 | 20 |
| Key Skills A | PHYS3561 | 20 |

8. Candidates shall also study and be assessed in modules to the value of 20 credits from List A:

| List A: | | Credit value |
|----------------------|--------------------------|---------------------|
| Mathematics Workshop | PHYS3591 | 20 |
| Laboratory Project | PHYS3601 | 20 |

9. Candidates shall also study and be assessed in modules to the value of 40 credits from List B (subject to timetable compatibility):

| List B: | | Credit value |
|----------------------|--------------------------|---------------------|
| Team Project | PHYS3581 | 20 |
| Mathematics Workshop | PHYS3591 | 20 |

| | | |
|--|--------------------------|----|
| Laboratory Project | PHYS3601 | 20 |
| Physics into Schools | PHYS3611 | 20 |
| Advanced Physics 3 | PHYS3641 | 20 |
| Planets and Cosmology 3 | PHYS3651 | 20 |
| Theoretical Physics 3 | PHYS3661 | 20 |
| Modules to the value of 20 credits from another board of studies | | 20 |

Level 4 (Degree)

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

| | | Credit value |
|---------|--------------------------|---------------------|
| Project | PHYS4213 | 60 |

11. Candidates shall also study and be assessed in modules to the value of 60 credits from Lists C and D, with no more than 40 credits from List D:

| List C: | | Credit value |
|--|--------------------------|---------------------|
| Atoms, Lasers and Qubits | PHYS4121 | 20 |
| Advanced Theoretical Physics | PHYS4141 | 20 |
| Advanced Condensed Matter Physics | PHYS4151 | 20 |
| Advanced Astrophysics | PHYS4161 | 20 |
| Particle Theory | PHYS4181 | 20 |
| Theoretical Astrophysics | PHYS4201 | 20 |
| Modules to the value of 20 credits from another board of studies | | |

| List D: | | Credit value |
|-------------------------|--------------------------|---------------------|
| Advanced Physics 4 | PHYS4221 | 20 |
| Planets and Cosmology 4 | PHYS4231 | 20 |
| Theoretical Physics 4 | PHYS4241 | 20 |

Assessment, progression and award

12. Modules marked with a # must be passed at 40% or above in order to progress to the Ordinary Degree at the next level.
13. A student who is qualified to progress to Level 3 of the MPhys Physics with placement but wishes to transfer to Level 3 of the BSc Physics with placement shall be permitted to do so.
14. 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 Physics at either Honours or Ordinary level, or the degree of BSc Physics with placement, in accordance with the Core Regulations for the award of a Bachelors degree.
15. Students whose achievement at the end of Level 4 does not qualify them to be awarded the degree of MPhys may be awarded the degree of Bachelor of Science (BSc) with Honours in accordance with the Core Regulations for the award of a Bachelors degree.

Professional accreditation

16. Accreditation for this programme is being sought from the Institute of Physics.