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 Physics with year abroad (F300A); BSc Physics with placement (F311)

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 I # | MATH1071 | 20 |
| Calculus I # | MATH1061 | 20 |

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

**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 |
| Laboratory Skills and Electronics | PHYS2641 | 20 |

6. Candidates shall also study and be assessed in modules to the value of 40 credits from List A:

| **List A:** | | **Credit value** |
|---|---|---|
| Stars and Galaxies | PHYS2621 | 20 |
| Theoretical Physics 2 | PHYS2631 | 20 |
| Physics in Society | PHYS2651 | 20 |

**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 |

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

| **List B:** | | **Credit value** |
|---|---|---|
| Computing Project | PHYS3561 | 20 |
| BSc Project | PHYS3701 | 20 |

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

| **List C:** | | **Credit value** |
|---|---|---|
| Team Project | PHYS3581 | 20 |
| Advanced Laboratory | PHYS3601 | 20 |

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

| **List D:** | **Credit value** |
|---|---|

| | | |
|---|---|---|
| Team Project | PHYS3581 | 20 |
| Advanced Laboratory | PHYS3601 | 20 |
| Mathematics Workshop | PHYS3591 | 20 |
| Physics into Schools * | PHYS3611 | 20 |
| Planets and Cosmology 3 | PHYS3651 | 20 |
| Theoretical Physics 3 | PHYS3661 | 20 |
| Physics in Society 3 | PHYS3691 | 20 |
| Condensed Matter Physics 3 | PHYS3711 | 20 |
| Modern Atomic and Optical Physics 3 | PHYS3721 | 20 |
| Public Engagement in Physics | PHYS3731 | 20 |

Level 2 or Level 3 modules to the value of 20 credits offered by another Board of Studies, or appropriate credit-bearing Level 1 language modules to the value of 20 credits offered by the University's Centre for Foreign Language Study.

**Assessment, progression and award**

11. Modules marked with a # must be passed at 40% or above in order to progress to the Ordinary Degree at the next level.

12. Modules marked with * are not available in 2020/21.

**Year Abroad/Placement – Year 3 or Year 4**

13. Students admitted to a Department of Physics degree programme (F300, F301, FF3N or F344) are able to apply to transfer to the BSc Physics with year abroad/placement programme (F300A/F311). Students undertaking the BSc Physics with year abroad programme (F300A) will undertake an approved exchange in an overseas university taking a course of study chosen in consultation with the Department's Exchange Coordinator and the host institution. Students undertaking the BSc Physics with placement programme (F311) will undertake an approved work or training placement which would normally be based abroad.

14. Candidates wishing to transfer to the BSc Physics with year abroad/placement programme (F300A/F311) to undertake the year abroad/placement as their third year must:

    a. have successfully completed Level 1 of their existing programme (F300, F301, FF3N or F344) and progressed to Level 2 of the Honours or Ordinary programme, and

    b. during the second term of Level 2 study, apply to the Department of Physics to be admitted to the BSc Physics with year abroad/placement programme (F300A/F311), and subsequently have their application approved; and

    c. secure an exchange opportunity with an approved international partner institution of the University/secure a placement opportunity with an approved employer or institution; and

    d. successfully complete Level 2 of their existing programme (F300, F301, FF3N or F344) so as to be eligible to progress to Level 3 of the Honours programme; and

    e. demonstrate satisfactory command of the language of the host country.

15. Students who undertake the year abroad/placement as their third year and whom the Board of Examiners in Physics deems to have completed the year abroad/placement satisfactorily will continue to Level 3 of the BSc Physics with year abroad/placement (F300A/F311), or may transfer to the MPhys Physics with year abroad/placement programme (F306/F309) if the requirements of this degree have been met. Students who undertake the year abroad/placement as their third year but who are deemed by the Board of Examiners to have failed the year abroad/placement will not be permitted to continue on the BSc Physics with year abroad/placement (F300A/F311) programme, but must instead proceed to Level 3 of the BSc Physics (F300) programme.

16. Candidates wishing to transfer to the BSc Physics with year abroad/placement programme (F300A/F311) to undertake the year abroad/placement as their fourth year must:

    a. have successfully completed Level 2 of their existing programme (F300, F301, FF3N or F344) and progressed to Level 3 of the Honours programme, and

    b. during the second term of Level 3 study, apply to the Department of Physics to be admitted to the BSc Physics with year abroad/placement programme (F300A/F311), and subsequently have their application approved; and

    c. secure an exchange opportunity with an approved international partner institution of the University/secure a placement opportunity with an approved employer or institution; and

d. successfully complete Level 3 of their existing programme (F300, F301, FF3N or F344) so as to be eligible to graduate with BSc Honours; and

e. demonstrate satisfactory command of the language of the host country.

17. Students who undertake the year abroad/placement as their fourth year and whom the Board of Examiners in Physics deems to have completed the year abroad/placement satisfactorily will be eligible for the award of BSc Physics with year abroad/placement (F300A/F311). Students who undertake the year abroad/placement as their fourth year but who are deemed by the Board of Examiners in Physics to have failed the year abroad/placement may be awarded the degree of BSc Physics (F300).

**Professional accreditation**

18. These programmes are accredited by the Institute of Physics until February 2024.