

Final Year Physics at the University of Sheffield

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Welcome to Sheffield!

- You've worked hard, mastered the foundational physics principles:
 - Quantum mechanics
 - Matter and fields
 - Mathematical techniques
- Now is the chance to use these to explore exciting new topics!
- A chance to experience physics close to the frontiers of research.

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Overview of Meeting

- People and places
- Modules and dates
- Assessment & coursework
- Degree classification

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People & Places

- Myself – Dr Chris Booth – Level Three Tutor D24
- Undergraduate Reception (see below) F10
- Richard Webb – Lab technician E26
- Personal Tutor – see David's talk tomorrow
- Third & Fourth Year study area * (see below) E42
- Departmental web page: <https://www.sheffield.ac.uk/physics/teaching>
- Third Year web page: <https://www.sheffield.ac.uk/physics/teaching/third-year>
 - Includes third & fourth year guide
- * Open 9:00 to 5:45

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- Hicks Undergraduate Reception **F10**
 - For Physics/Astronomy and Maths
 - For all undergraduate enquiries
 - Submission & return of homeworks etc
 - Change of Status forms
 - Extenuating Circumstances & Medical notes, etc

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IT & Study Areas

- E42 Third & Fourth Year study area
- G floor IT facilities (CICS computer rooms)
- D13 Common room (Barry Jackson room)
- I19 study room (shared with Maths)
(door code 13579#)
- Printers in E42 and on G floor

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Contact

- Check e-mail regularly
- Check Y3 notice-board regularly (opposite E28)
- (Later) check exam timetables!

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Modules (1)

Autumn Semester

- PHY304 Particle Physics – Dr C Booth
- PHY332 Atomic Physics – Prof M Fox
- PHY377 Soft Condensed Matter – Prof R Jones
- PHY380 Solid State Physics – Dr D Krizhanovskii
- PHY381 Advanced Electrodynamics – Dr P Kok

Academic Year

- PHY340 Problem Solving & Advanced Skills
- PHY393N Microscopy & Spectroscopy Laboratory

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Modules (2)

Spring Semester

- PHY303 Nuclear Physics – Dr T Vickey
- PHY339 Statistical Physics – Prof B Chakrabarti
- PHY347 Physics in an Enterprise Culture – Prof D Lidzey
- PHY382 Semiconductor Physics & Technology – Dr L Wilson

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Dates

Autumn Semester

- Monday 30th September – First day of lectures
- Monday 11th to Friday 15th November – Reading Week
- Friday 20th December – Last day of lectures
- Monday 20th January to Friday 7th February – Examinations

Spring Semester

- Monday 10th February to Friday 3rd April – Lectures
- Monday 6th to Friday 24th April – Holiday
- Monday 27th April to Friday 15th May – Lectures
- Monday 18th to Friday 22nd May – Reading Week
- Monday 25th May to Friday 12th June – Examinations

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Assessment & Coursework

- Many modules have coursework – a number of homework exercises which must be handed in by the dates stated.
- These are worth 15-20% of the mark for the module.
- Each piece of coursework **must have an individual cover sheet** – see the department web page <https://www.sheffield.ac.uk/physics/teaching>
- Work is **handed in to F10**. Marked work can be collected from outside F10 about 2 weeks later.
- Late work is penalised 5% per working day (up to 5 days).
- The rest of the module mark is from an examination in the three weeks following the semester of teaching.
- PHY340, 347 & 393N have different arrangements.

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Study habits!

- Lectures start on the hour (be on time!)
- Lectures are compulsory! (Bring U-card)
(Attendance is reported by the University for visa checks)
- 80 hrs/module (7 h/wk) ⇒ private study!
- Homeworks – own work, on time!
- No resit examinations at Level 3!!
- If you have questions, ask the lecturer!

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Regulations & degree classification

- To obtain a BSc Honours degree:
 - Most modules are worth 10 credits – you take 120 credits
 - Must pass a minimum of 90 credits at Level 3
 - (Cannot fail more than 30 credits)
 - There are no Level 3 resit exams
- Degree classification (in brief):
 - Level 3 and Level 2 combined with weighting 2:1
 - Two measures considered: mean (average) and median
 - Mean grade $>69.5 \Rightarrow$ First (I); $59.5 - 69.5 \Rightarrow$ II.1
 $49.5 - 59.5 \Rightarrow$ II.2; $44.5 - 49.5 \Rightarrow$ III; $>39.5 \Rightarrow$ Pass
 - (Weighted) majority of module marks in or above a band also indicates this class.
 - Full details in general undergraduate guide.