

3rd & 4th Year Module Clashes For 2024-25

Timetabled at the same time as the 3rd year Laboratory, and some Interactive Physics sessions.

- Term 1
 - Concepts in Device Physics (FHEQ 7 – 7.5 ECTS)
 - General Relativity (T) (FHEQ 7 – 7.5 ECTS)
 - Quantum Field Theory (T) (FHEQ 7 – 7.5 ECTS)
 - Statistical Mechanics (T) (FHEQ 6 – 7.5 ECTS)
 - Research Interfaces (FHEQ 7 - 5 ECTS)

- Term 2
 - Advanced Particle Physics (T) (FHEQ 7 – 7.5 ECTS)
 - Laser Technology (FHEQ 7 – 7.5 ECTS)
 - Quantum Theory of Matter (T) (FHEQ 7 – 7.5 ECTS)
 - Research Interfaces (FHEQ 7 - 5 ECTS)
 - Hydrodynamics (FHEQ 7 – 5 ECTS)

- Timetabled at the same time:
 - Term 1
 - Advanced Classical Physics (FHEQ 6 – 7.5 ECTS)
 - Unification (T) (FHEQ 7 – 7.5 ECTS)

 - Concepts in Device Physics (FHEQ 7 – 7.5 ECTS)
 - General Relativity (T) (FHEQ 7 – 7.5 ECTS)

 - Group Theory (T) (FHEQ 6 – 7.5 ECTS)
 - Quantum Optics (FHEQ 7 – 7.5 ECTS)

 - Statistical Mechanics (T) (FHEQ 6 – 7.5 ECTS)
 - Quantum Field Theory (T) (FHEQ 7 – 7.5 ECTS)

 - Computational Physics (FHEQ 6 - 7.5 ECTS)
 - Optical Communications Physics (FHEQ 7 - 5 ECTS)
 - Information Theory (FHEQ 7 – 5 ECTS)

Students should expect the clashes listed above to also be reflected in the summer 2025 exam timetable.

May 2024

- Term 2
 - Data Science and Machine Learning for Physics (FHEQ 6 – 7.5 ECTS)
 - Instrumentation (FHEQ 6 – 7.5 ECTS)

 - Foundations of Quantum Mechanics (T) (FHEQ 6 – 7.5 ECTS)
 - Atmospheric Physics (FHEQ 7 – 7.5 ECTS)

 - Cosmology (FHEQ 7 – 7.5 ECTS)
 - Physics of Medical Imaging and Radiotherapy (FHEQ 6 – 7.5 ECTS)

 - Plasma Physics (FHEQ 6 – 7.5 ECTS)
 - Entrepreneurship for Physicists (FHEQ 7 – 7.5 ECTS)

 - Lasers (FHEQ 6, 5 ECTS)
 - Space Physics (FHEQ 7 – 7.5 ECTS)

Students should expect the clashes listed above to also be reflected in the summer 2025 exam timetable.

- No clashes with other physics lectures
 - Term 1
 - Solid State Physics (FHEQ 6 – 5 ECTS)
 - Quantum Information (T) (FHEQ7 – 7.5ECTS)
 - Astrophysics (T) (FHEQ 6 – 7.5 ECTS)
 -
 - Term 2
 - Nuclear & Particle Physics (FHEQ6 – 5 ECTS)
 - Hydrodynamics (FHEQ7 – 5 ECTS)
 - Laser Technology (FHEQ7 – 7.5ECTS)
 - Quantum Theory of Matter (T) (FHEQ7 – 7.5ECTS)

NOTES

- Some Rapid Feedback sessions could be clashed with classes of non-theory modules (Rapid Feedback are non-compulsory).
- Any of the Physics modules might clash with Business School (BPES) electives.
- Complexity & Networks and Plasmonics & Metamaterials are not running in 2024-25