

Physics							
Module Code	Module Title	ECTS Credits	Semester/ Duration	% Exam	% CA	Pre-requisite	Notes
PYU33AP3	Practical in Physics and Astrophysics	10	Full Year	80	20	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU33PP3	Practical in Physics	10	Full Year	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU44N02	Nanoscience, Complex Fluids and Polymers	10	Full Year	50	50	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU44P11	Advanced Quantum Mechanics, Nuclear Structure and High Energy Physics	10	Full Year	75	25	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PY7001	Conventional Energy Sources and Technologies	10	Semester 1	TBD	TBD	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form

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Module Code	Module Title	ECTS Credits	Semester/ Duration	% Exam	% CA	Pre-requisite	Notes
PYP11Q10	Introduction to Quantum Information Science	10	Semester 1	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYP11Q30	Open Quantum Systems	10	Semester 1	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYP11Q40	Quantum Material Science	10	Semester 1	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU11F10	Foundation Physics for Life and Earth Sciences	10	Semester 1	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU11P10	Physics 1	10	Semester 1	60	40	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form

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PYU22P10	Physics 1	10	Semester 1	60	40	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU33A03	Stellar and Galactic Structure	5	Semester 1	60	40	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU33C01	Computer Simulation I	5	Semester 1	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU33P01	Quantum Mechanics I	5	Semester 1	85	15	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU33P02	Electromagnetic Interactions I	5	Semester 1	50	50	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form

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PYU33P03	Condensed Matter I	5	Semester 1	80	20	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU33PP5	Practical in Physics	5	Semester 1	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PY7002	Electric Power Generation and Distribution	10	Semester 2	TBD	TBD	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYP11Q50	Physical implementations of quantum technology	10	Semester 2	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYP11Q60	Physical implementations of quantum technology	10	Semester 2	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form

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PYU11F20	Foundation Physics for Life and Earth Sciences	10	Semester 2	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU11P20	Physics 2	10	Semester 2	60	40	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU22P20	Physics 2	10	Semester 2	60	40	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU33A17	Astrophysics Technique	5	Semester 2	80	20	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU33AP4	Practical in Physics and Astrophysics - Computer Laboratory	5	Semester 2	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form

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PYU33P04	Condensed Matter II	5	Semester 2	50	50	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU33P07	Experimental Techniques	5	Semester 2	100	0	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU33P15	Atomic Physics and Statistical Thermodynamics	5	Semester 2	50	50	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU33PP4	Practical in Physics	5	Semester 2	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU44A05	Cosmology	5	Semester 2	50	50	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form

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PYU44C01	Computer Simulation ii	5	Semester 2	80	20	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU44P05	Electromagnetic Interactions II	5	Semester 2	100	0	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU44P06	Modern Optics	5	Semester 2	100	0	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU44P12	Nuclear Structure and High Energy Physics	5	Semester 2	100	0	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.
PYU44P13	Magnetism and Superconductivity	5	Semester 2	100	0	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module.

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PYU44P17	Energy Science	5	Semester 2	100	0	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form
PYU44T20	Quantum Optics and Information	5	Semester 2	0	100	Applicants must have similar academic experience to that which full degree seeking Trinity students have.	Please contact School or Lecturer for permission to take module. To enroll in this module, please follow the link and fill out the Microsoft form

For more information on module descriptors please click the module code or contact physics@tcd.ie

Please note that Modules relate to the 2023/24 Academic Year and are subject to change