

Physics Module Guidance

- Physics courses at Nottingham Trent University are only offered as full year exchanges, there is no semester exchange available.
- NTU students normally make a choice of modules with credits totalling 120 NTU (60 ECTS) credits per year, but you should check with your co-ordinator in your home university before leaving, as to what is specifically required of you.
- Students should be made aware that they are only able to choose modules from **one course and one level**. Due to strict timetabling restrictions we are not able to offer combinations of modules across different courses and years.
- If the content of your home course requires you to undertake a Level 6 module alongside Level 5 modules (or vice versa), we *may* be able to accommodate this request, but this cannot be guaranteed and a 'back up' Level 5 or 6 module should be chosen too.
- All modules are taught in English.

Modules available to Physics Exchange Students are listed below				
	Subject / Module Code	Module Title	Level	Number of NTU Credits
PHYS003 BSc Physics Level 5				
	PHYS22124	Fundamental Forces	5	20
	PHYS22234	Thermal & Environmental Physics	5	20
	PHYS22223	Optics and Semiconductors	5	20
	PHYS22213	Ionising Radiation & Non-Invasive Imaging	5	20
	PHYS22514	Digital Techniques	5	20
	PHYS22111	The Quantum World	5	20
PHYS003 BSc Physics Level 6				
	PHYS32133	Condensed Matter	6	20
	PHYS32222	Advanced Experimental Techniques	6	20
OR	PHYS32512	Laboratory Interfaces & Control	6	20
	PHYS32172	Physics & Technology of Nuclear Reactors	6	20
OR	PHYS32181	General Relativity / Advanced Quantum Mechanics & Quantum Computing	6	20
	PHYS32312	Cosmology: Theory & Observation	6	20
	PHYS34611	Project & Professional Skills	6	40
PHYS025 BSc Physics with Astrophysics Level 5				
	PHYS22323	Stars & Galaxies	5	20
	PHYS22124	Fundamental Forces	5	20
	PHYS22234	Thermal & Environmental Physics	5	20
	PHYS22223	Optics and Semiconductors	5	20
	PHYS22514	Digital Techniques	5	20
	PHYS22111	The Quantum World	5	20
PHYS025 BSc Physics with Astrophysics Level 6				
	PHYS32312	Cosmology: Theory & Observation	6	20
	PHYS32133	Condensed Matter	6	20

	PHYS32222	Advanced Experimental Techniques	6	20
	PHYS32181	General Relativity / Advanced Quantum Mechanics & Quantum Computing	6	20
	PHYS34611	Project & Professional Skills	6	40
	PHYS024 Physics with Nuclear Technology Level 5			
	PHYS22213	Ionising Radiation & Non-Invasive Imaging	5	20
	PHYS22252	Nuclear Materials Science	5	20
	PHYS22124	Fundamental Forces	5	20
	PHYS22234	Thermal & Environmental Physics	5	20
	PHYS22514	Digital Techniques	5	20
	PHYS22111	The Quantum World	5	20
	PHYS024 Physics with Nuclear Technology Level 6			
	PHYS32172	Physics & Technology of Nuclear Reactors	6	20
	PHYS32133	Condensed Matter	6	20
	PHYS32222	Advanced Experimental Techniques	6	20
	PHYS32512	Laboratory Interfaces & Control	6	20
	PHYS34611	Project & Professional Skills	6	40