

# SCHOOL OF PHYSICS AND ASTRONOMY - TIMETABLE FOR ORIENTATION WEEK – 5-9 September 2022 (DRAFT)

	MONDAY Advising online		TUESDAY Advising online		WEDNESDAY Advising online	
09:00 – 10:00				PhySoc breakfast  (Physics and Astronomy concourse)		PhySoc breakfast  (Physics and Astronomy concourse)
10:00 – 11:00			10.30 Programming (inc Python) for Taught Postgrads. (Physics & Astronomy room 230) For Astro MSc students, and Applied Photonics CDT students planning to take AS5001.		Careers & further study with physics and astronomy (Physics & Astronomy lecture theatre A) All welcome. Charlie Baily, Jonathan Keeling, Uni. Careers Centre	
11:00 – 12:00						11.00 – 13:30 Programming (inc Fortran) for Taught Postgrads (Physics & Astronomy room 230) For Astro MSc Students, and Applied Photonics CDT students planning to take AS5001.
12:00 – 13:00	12.30 – 14:00 University Academic Fayre					
14:00 – 15:00		MSc Astrophysics welcome and information event. (Physics & Astronomy room 233) Martin Dominik	Gateway Students Meeting with staff and students, Lucy Hadfield (Physics & Astronomy room 230)			
	14:30-15.30 Drop-in entrant welcome (Physics & Astronomy concourse)					
15:00 – 16:00	For PH/AS entrants informal discussions with staff and students. Paul Cruickshank and others. (Until 15:30)		Welcome fun quiz for entrant physics/astronomy students. (Physics & Astronomy lecture theatre B) Also short inputs from senior students and staff. Bruce Sinclair and others			
16:00 – 17:00	Physics & Astronomy Entry at first or second year? (Physics & Astronomy lecture theatre B) Paul Cruickshank, Graham Turnbull and others					
evening						

v2022\_09\_06 (Locations changed for PH4032 and PH4036)

This timetable (and locations of events in it) are subject to change, and any locations currently showing as “TBC” will be updated.

The next page covers Thursday and Friday.

	THURSDAY <i>Many AS/PH modules running in their normal slots as shown, attendance expected</i>	FRIDAY <i>Many AS/PH modules running in their normal slots as shown, attendance expected</i>
09:00 – 10:00	PH3061 Quantum Mechanics, Induction & Peerwise, Physics theatre A, Dr Kohnle	PH4041 Atomic, Nuclear and Particle Physics, Physics theatre B, Dr Cassettari PH5011 General Relativity, Physics room 301, Dr Dominik PH5016 Biophotonics, Physics room 307, Dr Penedo
10:00 – 11:00	<b>Meeting for all PH/AS Third Year (Junior Honours) students</b> (compulsory), Physics theatre A, Prof Smith PH2011 Physics 2A, Physics theatre B, Prof Turnbull and Dr Rae AS5002 Magnetofluids & Space Plasmas, Physics theatre C, Prof Jardine	PH3014/4040 TSfP, Purdie theatre A, Dr Sinclair <b>Meeting for all PH/AS project students</b> (compulsory), Physics theatre C, Prof King
11:00 – 12:00	AS1001 Astronomy & Astrophysics 1, Physics theatre C, Dr Teixeira PH3074 Electronics, Purdie theatre D, Dr Cruickshank PH4035 Principles of Optics, Physics room 222, Dr Koenig PH5024 Modern Topics in Cond. Matter Physics, Physics room 307, Prof Wahl	AS1101 Astro, Physics room 301, Dr Weijmans PH5015 Applications of Quantum Physics, Physics room 222, Dr Cassettari
12:00 – 13:00	PH1011 Physics 1A, Purdie theatre B, Dr Cammack and Dr Rae et al AS4010 Extragalactic Astronomy, Physics theatre C, Prof Wild PH4036 Physics of Music, Physics room 233, Dr Kemp	AS5003 Contemporary Astrophysics, Physics room 233, Dr Teixeira PH5025 Nanophotonics, Physics room 307, Prof Di Falco
13:00 – 14:00		ID4001/2 Communication and Teaching in Science/Arts, Physics theatre B, Dr Sinclair et al (from 13:30)
14:00 – 15:00	PH3080/2 Computational Physics, Physics theatre A, Drs Mazilu & Gilies AS4025/AS5521 Observational Astrophysics (self paced): Install Anaconda3 python on your laptop and <a href="#">do pre-lab survey</a> .  PH5181 Applied Photonics CDT induction, Physics room 301, Dr Sinclair et al	PH2011 Physics 2A, Study Skills, Physics theatre A, Prof Turnbull ID4001/2 Communication and Teaching in Science/Arts, Physics theatre B, Dr Sinclair et al PH5012 Quantum Optics, Physics room 233, Prof Korolkova
15:00 – 16:00	JH welcome event, Physics concourse (and other locations), Prof Smith et al AS4025/AS5521 Observational Astrophysics (self paced): Install Anaconda3 python on your laptop and <a href="#">do pre-lab survey</a> . PH5181 Applied Photonics CDT induction, photonics labs, Dr Sinclair et al	PH2011 Physics 2A, Study Skills, Physics theatre A, Prof Turnbull (until 15:30), Coffee and Cake, Physics concourse (from 15:30)  ID4001/2 Communication and Teaching in Science/Arts, Physics theatre B, Dr Sinclair et al PH4032 Special Relativity & Fields, Physics room 222, Prof Korolkova
16:00 – 17:00	JH welcome event, Physics concourse (and other locations), Prof Smith et al AS4025/AS5521 Observational Astrophysics (self paced): Install Anaconda3 python on your laptop and <a href="#">do pre-lab survey</a> . PH5181 Applied Photonics CDT induction (until 17:30)	PH2011 Information session for students taking direct entry to level two physics, Physics theatre C, Prof Turnbull & Dr Rees-Jones, DoT for Maths ID4001/2 Communication and Teaching in Science/Arts, Physics theatre B, Dr Sinclair et al (until 17:30)

All students will need to discuss module choices with their Adviser of Studies. Undergraduate students please see the [University web page on advising appointments](#).

Various intro classes on Thursday and Friday are important and attendance is expected.

All students are encouraged to revise their previous work in physics, astronomy, and maths as appropriate, in preparation for the coming session. Amongst other things, the School is providing the following additional activities:-

Level two physics – maths revision materials at the start of the semester

All JH students – mathematical revision sheets early in the semester, associated with “Maths for Physicists”

All JH students – revision of Fourier Series and introduction to Fourier Transforms ([videos](#))

Students aiming to take Special Relativity or General Relativity –tensor notation to view and digest ([videos](#))