

Astrophysics + Physical Chemistry

YEAR 1			
Term 1 foundation: Compulsory			
NSCI0010 0 credits		T1/2	Interdisciplinary Research Skills 1
NSCI0005 15 credits	a	T1	Mathematics for Natural Sciences 1 [A–level maths or equivalent]
PHAS0011 15 credits	b	T1	Modern Physics, Astronomy and Cosmology
CHEM0005 15 credits		T1	Chemical Foundations
Term 1 foundation: Choose 15 credits			
STAT0002 15 credits		T1	Introduction to Probability and Statistics
HPSC0009 15 credits		T1	Revealing Science
BIOS0019 15 credits		T1	Life Sciences Foundation
GEOL0007 15 credits		T1	The Earth
GEOL0001 15 credits		T1	Earth Materials
Term 2 compulsory:			
PHAS0006 15 credits	b	T2	Thermal Physics Thermal Physics and the Properties of Matter
PHAS0009 15 credits		T2	Mathematical Methods II
CHEM0009 15 credits		T2	Basic Physical Chemistry
Term 2 chemistry: Choose 15 credits			
CHEM0013 15 credits		T2	Basic Inorganic Chemistry
CHEM0008 15 credits		T2	Basic Organic Chemistry
NOTES			
a 0 credits			Missing
b 0 credits			Missing

YEAR 2			
Compulsory			
NSCI0019 0 credits		T1/2	Interdisciplinary Research Skills 2
NSCI0007 15 credits		T1/2	Scientific Communication and Computing
PHAS0003 15 credits		T2	Practical Skills 1A
PHAS0018 15 credits		T2	Astrophysical Processes: Nebulae to Stars
CHEM0019 30 credits		T1/2	Physical Chemistry
CHEM0021 15 credits		T2	Chemical Dynamics
Physics: Choose 15 credits			
PHAS0025 15 credits		T1	Mathematical Methods III
PHAS0019 15 credits		T1	Planetary Science
PHAS0024 15 credits		T2	Statistical Physics of Matter
PHAS0022 15 credits		T1	Quantum Physics
Chemistry: Choose 15 credits			
CHEM0015 15 credits		T1/2	Inorganic Chemistry for Physical Science
CHEM0012 15 credits		T1	Chemistry of Materials
CHEM0017 15 credits		T1/2	Fundamentals of Organic Chemistry

YEAR 3			
Compulsory			
NSCI0004 15 credits		T1/2	Literature Project for Natural Sciences BSc/MSci Programme
Chemistry: compulsory			
CHEM0037 15 credits		T1/2	Advanced Topics in Physical Chemistry
CHEM0028 15 credits		T1	Concepts in Computational Chemistry
Chemistry: compulsory for major stream			
CHEM0025 15 credits		T1/2	Instrumental and Computational Techniques in Chemistry
Physics: major stream choose 45 credits, minor stream choose 30–45 credits			
PHAS0043 15 credits		T1	Practical Astronomy 1 – Technique
PHAS0037 15 credits		T2	Physical Cosmology
PHAS0036 15 credits		T1	The Physics of Stars
Physics: options			
PHAS0046 15 credits		T2	Interstellar Physics
PHAS0047 15 credits		T1	Astronomical Spectroscopy
PHAS0057 15 credits		T1	Physics of the Earth
PHAS0113 15 credits		T2	Astrophysics Group Project
Chemistry: options			
CHEM0039 15 credits		T1	New Directions in Materials Chemistry
CHEM00--		T1/2	Any third year chemistry course

YEAR 4			
Choose project in major stream			
PHAS0096 45 credits		T1/2	Astrophysics Projects
CHEM0080 75 credits		T1/2	Advanced Chemical Research Project
Physics: options			
PHAS0065 15 credits		T1	Galaxy Dynamics, Formation and Evolution
PHAS0068 15 credits		T2	Physics of Exoplanets
PHAS0067 15 credits		T2	Advanced Physical Cosmology
SPCE0010 15 credits		T2	Planetary Atmospheres (SS4)
SPCE0011 15 credits		T2	Solar Physics (SS6)
SPCE0005 15 credits		T2	Space Plasma and Magnetospheric Physics (SS109)
SPCE0012 15 credits		T1	High Energy Astrophysics (SS7)
Chemistry: options			
CHEM0077 15 credits		T1/2	Topics in Modern Chemistry
CHEM0078 30 credits		T1/2	Topics in Modern Chemistry
CHEM0079 45 credits		T1/2	Topics in Modern Chemistry
NOTES			
cheminfo 0 credits			Missing