

# Science Revision Weekend Timetable

## Yarnfield Park, 30th Sept-2nd Oct 2011

COURSE	S204 Biology: Uniformity and Diversity	S216 Environmental Science	S279 Our Dynamic Planet: Earth and Life	S282 Astronomy	S320 Infectious Disease	S330 Oceanography
SESSION	Room 12	Room 5	Leighton B	Room 7	Room 8	Leighton A
<b>Fri</b>	17:45 - 19:15 Dinner					
	19:15 - 20:00 <b>Introductory Session</b>					
<b>1</b>	20:00 - 21:30 What do you know? What do you need to know?  Tutor1	Introduction to the S216 exam and revision  Tutor2	BOOK1: Introduction. Earth Structure and Formation Mainly Ch 1 & 2 Tutor3	Aims of weekend, Intro to ISS, Seeing the Sun ISS Ch 1 Tutor4	General Revision and Exam Techniques, Section C Tutor5	Introduction and Question Analysis Approach Tutor6
<b>Sat</b>	07:30 - 09:00 Breakfast					
<b>2</b>	09:00 - 10:30 Block 2 and Revision Techniques  Tutor1	Air  Block 2 part 1 Tutor2	Plate tectonics  Parts of Ch 1, 3, 4 & 5 Tutor3	The working Sun, Measuring stars  ISS Ch 2, 3 Tutor4	Book 1  Tutor5	Marine Cycles / Nutrient profiles  Tutor6
	10:30 - 11:00 Break					
<b>3</b>	11:00 - 12:30 Proteins, Enzymes and Kinetics  Tutor1	Earth  Block 2 part 2 Tutor2	Partition Coefficients. Trace elements. Parts of Ch 4, 5 & 6 Tutor3	Comparing stars, Formation of stars, Main sequence ISS Ch 4, 5, 6 Tutor4	Book 2  Tutor5	Marine Biology  Tutor6
	12:30 - 13:45 Lunch					
<b>4</b>	13:45 - 15:15 Understanding and Interpreting Data  Tutor1	Water  Block 3 part 1 Tutor2	Continental Crust, Metamorphism and Deep Mantle Parts of Ch 6, 7 & 8 Tutor3	Beyond the main sequence, Death of stars ISS Ch 7, 8 Tutor4	Book 3  Tutor5	Marine Geology / O ratios / Hydrothermal  Tutor6
	15:15 - 15:45 Break					
<b>5</b>	15:45 - 17:15 Microbes  Tutor1	Life  Block 3 part 2 Tutor2	BOOK2: A Dynamic Earth Model – How it all fits together. Chapter 1 Tutor3	Remnants of stars, Review of ISS  ISS Ch 9 Tutor4	Book 4  Tutor5	Water Mass ID & TS  Tutor6
	17:15 - 18:45 Dinner					
<b>6</b>	18:45 - 20:15 Plants  Tutor1	Landforms  Block 4 part 1 Tutor2	The Carbon Cycle and carbon isotopes  Chapter 2 Tutor3	Introduction to IGC, The Milky Way, Normal galaxies IGC Ch 1, 2 Tutor4	Book 5  Tutor5	Quiz  Tutor6
	20:30 - 21:30 <b>Guest Lecture</b>					
<b>Sun</b>	07:30 - 09:00 Breakfast & Room Checkout					
<b>7</b>	09:00 - 10:30 Animals  Tutor1	Cycles  Block 4 part 2 Tutor2	Plate tectonics, climate and oxygen isotopes Chapters 3 & 4 Tutor3	Active galaxies, Spatial dist'n of galaxies, Review of galaxies IGC Ch 3, 4 Tutor4	Book 6  Tutor5	Mock Exam  Tutor6
	10:30 - 11:00 Break					
<b>8</b>	11:00 - 12:30 Mock exam  Tutor1	Topics  1,2,4,8,9 Tutor2	Life's ups and downs and Earth at the extremes Chapters 5-7 Tutor3	Introducing cosmology, Big Bang cosmology IGC Ch 5, 6 Tutor4	Book 7  Tutor5	Mock Exam  Tutor6
	12:30 - 13:30 Lunch					
<b>9</b>	13:30 - 15:00 Final Round-up. Exam Tips and Techniques  Tutor1	Exam Session  Tutor2	Exam: revision techniques and test papers  Tutor3	Observational cos'y, Questioning cos'y, Review of cosmology IGC Ch 7, 8 Tutor4	Looking back over the Weekend  Tutor5	Marking Exam and Final Discussion  Tutor6
	Tea/Coffee and Departure					
<b>TUTOR(S)</b>	Tutor1	Tutor2	Tutor3	Tutor4	Tutor5	Tutor6

Timetable continued overleaf >

# Science Revision Weekend Timetable

## Yarnfield Park, 30th Sept-2nd Oct 2011

COURSE	S369A	S369B	S377	S382	SD329	SM358
	Geological Record of Environmental Change	Geological Record of Environmental Change	Molecular and Cell Biology	Astrophysics	Signals and Perception: the Science of the Senses	The Quantum World
SESSION	Howden A	Howden B	Room 3	Room 11	Room 4	Room 1
<b>Fri</b>	17:45 - 19:15 Dinner					
	19:15 - 20:00 <b>Introductory Session</b>					
<b>1</b>	20:00 - 21:30 Isotopes & Isotopic Spectra  Tutor7	Principles of sequence stratigraphy  Tutor8	Thermodynamics and Bioenergetics  Tutor9	Stellar Evolution & Nucleosynthesis (ch 1 & 2): Main Sequence Stars Tutor10	Ice breaker: Brief summary of SD329, Labelling exercise. Who's Brain Tutor11	Book 1 Short Questions  Tutor12
<b>Sat</b>	07:30 - 09:00 Breakfast					
<b>2</b>	09:00 - 10:30 Biogeochemical Cycles  Tutor7	Carbonates versus siliciclastics  Tutor8	The Cell Cycle  Tutor9	S E & N (ch 3 & 4): Nuclear Fusion & from the Main Sequence to Red- Tutor10	Blocks 1 & 2: Organization of the sensory brain and brain basics Tutor11	Wave Mechanics  Tutor12
	10:30 - 11:00 Break					
<b>3</b>	11:00 - 12:30 Rapid Climate Change - The Oceanic Record  Tutor7	Cretaceous plants and animals  Tutor8	DNA Damage and Cancer  Tutor9	S E & N (ch 5 & 6): Helium-burning Stars & the Late Stages of Stellar Tutor10	Block 5: Somatosensory System Tutor11	Steps and Wells  Tutor12
	12:30 - 13:45 Lunch					
<b>4</b>	13:45 - 15:15 Rapid Climate Change - The Land Record  Tutor7	KT boundary  Tutor8	DNA Replication and Regulation  Tutor9	S E & N (ch 7 & 8): Supernovae, Neutron Stars, Black Holes & Star Formation Tutor10	Block 3: Auditory System Tutor11	Book 2 Short Questions  Tutor12
	15:15 - 15:45 Break					
<b>5</b>	15:45 - 17:15 Principles of sequence stratigraphy  Tutor7	Isotopes & Isotopic Spectra  Tutor8	1001 Lab Techniques in S377  Tutor9	Transiting Exoplanets (ch 1 & 2): Our Solar System from Afar Tutor10	Block 4: Visual system Tutor11	Dirac Notation and Spin  Tutor12
	17:15 - 18:45 Dinner					
<b>6</b>	18:45 - 20:15 Carbonates versus siliciclastics  Tutor7	Biogeochemical Cycles  Tutor8	How to Tackle the Scientific Paper  Tutor9	T E (ch 3 & 4): What the Transit Light Curve Tells Us & the Exoplanet Pop'n Tutor10	Just a Minute: Terminology sorting exercise Tutor11	Identical Particles and Entanglement  Tutor12
	20:30 - 21:30 <b>Guest Lecture</b>					
<b>Sun</b>	07:30 - 09:00 Breakfast & Room Checkout					
<b>7</b>	09:00 - 10:30 Cretaceous plants and animals  Tutor7	Rapid Climate Change - The Oceanic Record  Tutor8	Transport, Compartmentalisation and Signal Transduction  Tutor9	T E (ch 5 & 6): Transmission Spectroscopy & Secondary Eclipses Tutor10	Block 4: Visual system Tutor11	Book 3 Short Questions  Tutor12
	10:30 - 11:00 Break					
<b>8</b>	11:00 - 12:30 KT boundary  Tutor7	Rapid Climate Change - The Land Record  Tutor8	Differentiation of Animal Cells and Ageing  Tutor9	T E (ch 7 & 8): Transit Timing Variations & Brave New Worlds Tutor10	Block 6: Smell and taste Tutor11	Angular Momentum and the Hydrogen Atom  Tutor12
	12:30 - 13:30 Lunch					
<b>9</b>	13:30 - 15:00 Examination (joint with S369B)  Tutor7	Examination (joint with S369A)  Tutor8	Mock Exam Questions  Tutor9	Exam Technique  Tutor10	Merging the senses and AOB Tutor11	The Helium Atom and Approximation Methods  Tutor12
	Tea/Coffee and Departure					
<b>TUTOR(S)</b>	Tutor7	Tutor8	Tutor9	Tutor10	Tutor11	Tutor12

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