

Faculty of Science

IMPORTANT First Year Information - 2009

Unit ATM1030: The Science of Weather
Coordinator Lyle Pakula, Room 211, Building 28,
Tel. 9905 4466. email: lyle.pakula@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place
First tute **Week 3**, check Allocate+ for time and place.
Prescribed text Aguado and Burt, *Understanding Weather and Climate*, 2007, 4th edition, Pearson.
Homepage: access through your my.monash portal

Unit ASP1010: Earth to cosmos - introductory astronomy
Coordinator Susan Feteris, Room G08, Building 26
Tel 9905 3658, email: susan.feteris@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 1**, Room 211 or 208, building 27, at your allocated lab time.
Prescribed text Comins and Kaufmann III, *Discovering the universe*, 2008, 8th edn. Freeman *or*
Kaufmann III and Comins, *Discovering the universe*, 2005, 7th edn. Freeman.
Homepage access through your my.monash portal

Unit BIO1011: Biology
Coordinator Gerry Rayner, Room G03, Building 22
Tel 9905 5629, email: gerry.rayner@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 1**, First Year Biology, Building 22, at your allocated lab time.
You will receive the Lab Manual in your first practical in Week 1.
Text Campbell, Reece & Meyers, 2008, *Biology*, 8th Edition (Australian version) (with
MasteringBiology access kit), Pearson.
Homepage: access through your my.monash portal

Unit BTH1011: Biotechnology, science, business, law and ethics 1
Coordinator Philip Mackinnon, Room G05, Building 15
Tel. 9905 9539 email: philip.mackinnon@med.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Tutorial **Week 1**, Building 25, at your allocated time 2-4 pm
Text No prescribed text
Homepage: access through your my.monash portal

Unit CHM1011: Chemistry
Coordinator Richard Morrison, Room 223N, Building 23
Tel. 9905 4573 email: richard.morrison@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 2**, First Year Chemistry, Building 20, at your allocated lab time.
Text Housecroft and Constable, *Chemistry*, 2005, 3rd Edition. Pearson Education
Homepage: access through your my.monash portal

Unit CHM1031: World of Chemistry
Coordinator Chris Thompson, Room 228, Building 23
Tel. 9905 9362. email: chris.thompson@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 2**, First Year Chemistry, Building 20, at your allocated lab time
Text Eubanks, Middlecamp, Heltzel & Keller, *Chemistry in Context*, 2006, 6th Edition,
Homepage access through your my.monash portal

Unit ENV1011: Planet Earth and its Environment: the Cosmic Connection
Coordinator Marion Anderson, Room 130, Building 28
Tel 9905-4896, email: Marion.Anderson@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 1**, First Year Lab, Room G60, Building 28
at your allocated lab time (2:00 Fri).
Prescribed Text: Stephen Marshak, *Earth: Portrait of a Planet*, 2007, 3rd edition, Norton.
Homepage access through your my.monash portal

Unit ESC1011: Planet Earth and its Environment: the Cosmic Connection
Coordinator Marion Anderson, Room 130, Building 28
Tel 9905-4896, email: Marion.Anderson@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 1**, First Year Lab, Room G60, Building 28
at your allocated lab time (2:00 Mon / 11:00 Wed / 2:00 Wed / 2:00 Thurs)
Prescribed Text: Stephen Marshak, *Earth: Portrait of a Planet*, 2007, 3rd edition, Norton.
Homepage access through your my.monash portal

Unit GES1070: Natural Hazards and Human Vulnerability
Coordinator Jonathan Brown, Room 224, Building 11S
Tel. 9905 7269, email: jonathan.brown@arts.monash.edu.au
First lecture **Week 1**, check Allocate+ for time and place.
First Practical **Week 2**, check Allocate+ for details.
(approx. 9 prac. times available, Mon-Fri. inclusive – see Allocate+)
Prescribed Text: Smith, *Environmental Hazards*, 2004, 4th edition, Routledge.
Homepage: access through your my.monash portal

Unit: MTH1010: Functions and their Applications
Coordinator Simon Teague, Room 417, Building 28.
Tel: 9905 4492, email: simon.teague@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Tutorial **Week 2** in M111a, Building 28
Text: Larson, Hostetler & Edwards, *Calculus I with Precalculus: A One-Year Course*, 2006,
Brooks Cole.
Homepage access through your my.monash portal

Unit MTH1020: Analysis of change
Coordinator Cristina Varsavsky, Room 405, Building 28
Tel. 9905 4501, email: cristina.varsavsky@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Tutorial **Week 2** in classrooms on first floor of Building 28 (Note that in Allocate+, *tutorials* are
called *support classes*)
Prescribed text *MTH1020 lecture notes*, available through the bookshop (bring to lectures)
Stewart, *Calculus– Early Transcendentals*, 2003, 5th or 6th dition, Thomson.
Homepage access through your my.monash portal

Unit MTH1030: Techniques for modelling
Coordinator Leo Brewin, Room 317, Building 28
Tel. 9905 4456, email: Leo.Brewin@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 2** in M111A or M111B, Building 28
Prescribed texts: *MTH1030 Lecture notes*, available through the bookshop (bring to lectures)
Stewart, *Calculus – Early Transcendentals*, 2008, 6th edition, Thomson.
Homepage access through your my.monash portal

Unit PHS1011: Physics
Coordinator David Mills, Room 119, Building 26.
Tel 9905 3692, email: david.mills@sci.monash.edu.au
Lab. Admin Jenny McCabe Room G06, Building 26, Tel 9905 3658
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 1**, 2pm on your allocated day (Mon, Tue or Wed). Building 26, south-west door.
Your lab manual is provided in your first lab class in Week 1.
Prescribed text: Knight, *Physics for Scientists & Engineers* (with *MasteringPhysics* access kit), 2008, 2nd edition, Pearson.
Homepage access through your my.monash portal

Unit PHS1031: Physics of the Living World
Coordinator David Mills, Room 119, Building 26
Tel 9905 3692, email: david.mills@sci.monash.edu.au
Lab. Admin Jenny McCabe Room G06, Building 26, Tel 9905 3658
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 1** Thurs, 2pm Building 26, south-west door.
Your lab manual is provided in your first lab class in Week 1.
Text: Giancoli, *Physics – principles and application*, 6th or 5th edition, Prentice Hall
Homepage access through your my.monash portal

Unit PHS1080: Foundation Physics
Coordinator Andrew Smith, Room 115, Building 26.
Tel 9905 3699, email: Andrew.Smith@sci.monash.edu.au
Lab. Admin Jenny McCabe Room G06, Building 26, Tel 9905 3658
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 2**, Check Allocate for your day (2pm Mo/Tu/Wed) Bdg 26 Ground south-west door.
Your lab manual is provided in your first lab class in Week 2.
Prescribed text: Knight, Jones & Field, *College Physics* (with *MasteringPhysics* access kit), Pearson.
Homepage access through your my.monash portal

Unit PSY1011: Psychology 1A
Coordinator Samia Toukhsati
Contact General office 4th floor, Bldg 17, email: psychology.firstyear@med.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First Lab **Week 2**, First floor, Building 17. Allocate yourself to a lab by using Allocate+
Texts: Passer & Smith (2009) 'Psychology' + Study Guide 4th ed., McGraw-Hill.
Findlay, B (2009) *How to write psychology research reports and essays*. 5th edition, Prentice Hall.
Homepage access through your my.monash portal

Unit SCI1020: Introduction to Statistical Analysis
Coordinator Richard Wardle, Room 208, Building 28
Tel 9905 4411. email: richard.wardle@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
First workshop **Week 1**, in the computer labs G10, G11 or G12, Building 19.
Text: Utts & Heckard: *Introduction to Statistical Reasoning*, 2008, 2nd edition, Cengage.
(Available only through the Monash bookshop)
Homepage access through your my.monash portal

Unit STA1010: Statistical methods for science
Coordinator Aidan Sudbury, Room 348A, Building 28
Tel. 9905 4405 email: aidan.sudbury@sci.monash.edu.au
First Lecture **Week 1**, check Allocate+ for time and place.
1st Support-class **Week 2** in M107, Building 28
Text: De Veaux, Velleman & Bock, *Stats Data and Models*, 2008, Pearson.
Homepage access through your my.monash portal

Learning Skills for the Faculty of Science in Hargrave-Andrew Library

The Learning Skills unit in the Hargrave-Andrew Library provides classes and one-to-one assistance free of charge to all students in the Faculty of Science who wish to improve the quality of their academic work. Develop your skills for writing assignments (reports, essays and research papers), oral presentations and study in general. Specialist assistance is also available for students whose first language is not English.

Workshops Weeks 1 and 2 for easy transition to university study

How to survive at university
Writing Lab Reports
Using references in Assignments
Listening to lectures (for NESB students)

Look for more workshops to support your academic studies at <https://my.monash.edu.au/news-and-events/bookings/library/> and choose Hargrave-Andrew Library. Use science learning skills as keywords. Also use the unit code for unit specific workshops.

Drop-in sessions for undergraduate students (no appointment necessary):

From Week 2 – Week 14 of each semester:

Mondays 12-2 pm, Tuesdays 4-6 pm, Wednesdays 8.30-9.30am and 4-6 pm, Thursdays 12-2 pm,

Meeting Room 118, Level 1, Hargrave-Andrew Library – wait at the New Books area outside Room 118.

If you are referred to the Learning Skills Adviser for Science, please email Colleen Cridland colleen.cridland@lib.monash.edu.au Further information can also be found at <http://www.lib.monash.edu/learning-skills/>

Science Faculty First Year Student Webpage:

<http://www.sci.monash.edu.au/undergrad/firstyear/index.html>

Science Faculty and School Offices

Faculty Office: Ground Floor, Building 19, PH: 9905 4604
Opening hours: 9.00–4:00 on Mon, Wed, Thu, Fri
11:00–4:00 Tue
Website: <http://www.sci.monash.edu.au>
Enquiries: enquiries@sci.monash.edu.au

Biological sciences: Room 104, Building 18, PH: 9905 5647

Chemistry: Room 127, Building 19, PH: 9905 4593

Information Technology: Ground Floor, Building 63, PH: 9905 9986

Geography & Environmental Science: Room S214, Building 11, PH: 9905 2910

Geosciences: Room 124, Building 28, PH: 9905 4879

Mathematical sciences: Room 401, Building 28, PH: 9905 4465

Physics: Room 143e, Building 19, PH: 9905 3652

Psychology: Room 405, Building 17, PH: 9905 3968