HONOURS
2012
NATURAL SCIENCES
HONOURS IN SCIENCE
Honours in the natural sciences is a widely recognised and highly regarded additional year of undergraduate study available to you once you have completed your undergraduate degree. Honours is a unique opportunity for you to explore your research potential by designing an independent project and producing a thesis of your work.

WHAT ARE THE BENEFITS OF COMPLETING AN HONOURS YEAR?
Completing a degree with an honours year opens the door to many opportunities, particularly in the field of scientific research. As an honours student you have the opportunity to undertake exciting, original research under the supervision of internationally recognised scientists. You may end up publishing one or more scientific papers based on your honours project. Honours also enhances your career prospects. Graduate Destination Surveys consistently reveal that students who have completed an honours year are significantly more likely to gain employment in an area related to their field of study, compared to students who have completed a three year science degree.

WHAT’S INVOLVED?
The honours year in most science degrees is an optional, additional one-year full-time program. It is also available part-time in some schools and departments.

Generally, the honours year consists of the following three components, however there may be variations to this, depending on the faculty, school or discipline area in which you complete honours:

The research program
The research program is largely independent but designed in consultation with one or more supervisors. Your research program may include components in more than one area of science (e.g. computer science and biology), and it may consist of components supervised by more than one staff member.

Experimental design courses, and other technical instruction
In some honours programs, students may also have to undertake a compulsory course in experimental design or have some technical training to use particular equipment.

Coursework and study program
As part of the honours program you may be required to undertake coursework subjects (ie. classes).
ENTRY REQUIREMENTS

Admission into honours is highly competitive.

To qualify to enrol for the honours program, students must satisfy both the faculty and the relevant school entry requirements and criteria. In order to be considered for admission to honours, students must:

1. have qualified for or be a graduate with a relevant pass degree from the relevant faculty, or hold an equivalent qualification from another institution
2. have completed a relevant major relating to the intended honours discipline
3. have achieved at least a credit average in 48 credit points in relevant intermediate and senior science units of study (or equivalent at another institution)
4. have met the science weighted average mark (SCIWAM*) requirement of at least 65
5. satisfy any additional criteria set by the head of school concerned; and
6. be aware that admission is also subject to an appropriate supervisor and project being available

In some schools and departments the requirements for consideration for entry into honours are much higher, particularly when entry is very competitive, for example in the School of Psychology.

*SCIWAM is the average mark calculated over all second and third year units attempted. For more information please consult the current faculty handbook.

WHEN CAN I START MY HONOURS YEAR?

Most students commence honours in March however in some schools and disciplines, mid-year entry is also available.

WHAT ARE MY OPTIONS IF I DO NOT SATISFY THE ENTRY REQUIREMENTS FOR THE HONOURS YEAR?

The Graduate Diploma in Science is offered as either a one year full-time or a two-year part-time course with the same content, structure and assessment as the honours year. The graduate diploma is a full-fee paying postgraduate program. Domestic graduate diploma students may be eligible to apply for FEES-HELP.

Please note the Graduate Diploma in Science is not available for all subject areas.
HOW DO I APPLY?

Students who are interested in studying honours should contact the faculty, school or department in which they are interested to make preliminary enquiries.

Domestic students must lodge applications to study honours at the relevant faculty office. Download the application form at: sydney.edu.au/science/fstudent/undergrad/course/honours

International students must lodge applications to study honours at the International Office. Download the application form at: sydney.edu.au/internationaloffice/forms/

COSTS

Domestic students are offered a Commonwealth Supported Place for the honours year. There are also scholarships available.

International students are required to pay an additional year of fees for the honours year.

SCHOLARSHIPS

The University of Sydney offers honours scholarships and the Faculty of Science awards a number of these scholarships on the basis of academic merit and equity. Local students intending to enrol for the honours year at the University of Sydney in 2012 are eligible to apply. For more information visit: sydney.edu.au/scholarships
WHAT HONOURS PROJECTS ARE AVAILABLE?
Detailed information on honours is available at the school and department websites below, or go to the relevant information session during Honours Information Week in September 2011.

Agriculture, Food and Natural Resources
sydney.edu.au/agriculture/future_postgraduates/honours.shtml

Anatomy and histology
sydney.edu.au/medicine/anatomy/current-student/research-opportunities/index.php#honours

Biological sciences
sydney.edu.au/science/biology/studying_biology/honours

Chemistry
sydney.edu.au/science/chemistry/study/honours.html

Geosciences

History and philosophy of science
sydney.edu.au/science/hps/undergraduate/honours.shtml

Infectious diseases and immunology
sydney.edu.au/medicine/infectious-diseases-immunology/courses/honours

Mathematics and statistics
sydney.edu.au/science/maths/u/UG/HM/

Molecular bioscience

Molecular biotechnology
sydney.edu.au/biotechnology/courses/honours.php

Pathology
sydney.edu.au/medicine/future-students/honours/index.php

Pharmacology
sydney.edu.au/medicine/pharmacology/teaching/honours/index.php

Physics
sydney.edu.au/science/physics/current/hons.shtml

Physiology
sydney.edu.au/medicine/physiology/students/honours

Psychology
sydney.edu.au/science/psychology/future_students/honours/index.shtml
<table>
<thead>
<tr>
<th>Subject area</th>
<th>Date</th>
<th>Time</th>
<th>Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, food and natural resources</td>
<td>Thursday 22 September</td>
<td>1:00pm–2:00pm</td>
<td>Tutorial Room S202, Woolley Building</td>
</tr>
<tr>
<td>Anatomy and histology</td>
<td>Tuesday 20 September</td>
<td>1:00pm–2:00pm</td>
<td>Level 2 Common Room, Anderson Stuart Building</td>
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<td></td>
<td></td>
<td></td>
<td>Lunch Provided</td>
</tr>
<tr>
<td>Biological sciences</td>
<td>Thursday 22 September</td>
<td>4:00pm–5:00pm</td>
<td>DT Anderson Lecture Theatre includes drinks and nibbles</td>
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<tr>
<td>Chemistry</td>
<td>Wednesday 21 September</td>
<td>1:00pm–2:00pm</td>
<td>Chemistry Lecture Theatre 1, Chemistry Building</td>
</tr>
<tr>
<td>Environmental science</td>
<td>Students interested in undertaking Environmental Science related honours should attend either the biological sciences or geosciences information session.</td>
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<tr>
<td>Geology, geography and geophysics</td>
<td>Monday 19 September</td>
<td>2.00pm–3:00pm</td>
<td>Madsen Conference Room (Rm 449)</td>
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<tr>
<td>History and philosophy of science</td>
<td>Tuesday 20 September</td>
<td>1.30pm–3:30pm</td>
<td>Science Meeting Room 450, Carslaw Building</td>
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<tr>
<td>Infectious diseases and immunology</td>
<td>Tuesday 20 September</td>
<td>4:30pm–6:00pm</td>
<td>The Grandstand, No. 1 Oval</td>
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<tr>
<td>Marine science</td>
<td>Students interested in undertaking marine science related honours should attend either the biological sciences or geosciences information session.</td>
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<tr>
<td>Mathematics and statistics</td>
<td>Tuesday 20 September</td>
<td>1:00pm–2:00pm</td>
<td>Room 350, Caslaw Building</td>
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<tr>
<td>Molecular bioscience</td>
<td>Thursday 22 September</td>
<td>1:00pm–2:00pm and 5:00pm–6:00pm</td>
<td>Level 4 Tearoom, Molecular Bioscience Building</td>
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<tr>
<td>Pathology</td>
<td>Wednesday 21 September</td>
<td>1:00pm–2:00pm</td>
<td>Pathology Tea Room, Level 5, Blackburn Building</td>
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<tr>
<td>Pharmacology</td>
<td>Friday 23 September</td>
<td>12:00pm–1:00pm</td>
<td>Bosch Lecture Theatre 1 with a courtyard lunch to follow</td>
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<tr>
<td>Physics</td>
<td>Monday 19 September</td>
<td>12:00pm–2:00pm</td>
<td>Physics Tea Room 319, Physics Building Lunch provided</td>
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<tr>
<td>Physiology</td>
<td>Thursday 22 September</td>
<td>1:00pm–2:00pm</td>
<td>Anderson-Stuart Courtyard</td>
</tr>
<tr>
<td>Psychology</td>
<td>Friday 23 September</td>
<td>1:00pm–2:00pm</td>
<td>Education Lecture Room 424</td>
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**HOW CAN I FIND OUT MORE?**

Find out more at Honours Information Week, 19–23 September 2011. The faculty’s schools and departments will run specific information sessions during this week. For information on session details go to: sydney.edu.au/science/fstudent/undergrad/course/honours