

Why Honours?

Exposure to advanced coursework and research

Preparation for postgraduate study

Certification of excellence in Mathematics & Statistics

A taste of cutting edge research, a glimpse of the edge of knowledge

Develop valuable skills coveted by employers

Research skills

Technical writing and oral presentation skills

Focus, perseverance, and creativity



Some past honours students



Anthony Morris

Pure Mathematics 2012

Now a software engineer at Google



Anna McGann

Applied Mathematics 2015

Now doing PhD research in
biomathematics at UNSW



Tony Vo

Statistics 2014

Now a Business Intelligence Officer at
Suncorp Group

See here for more past Honours students: <https://www.maths.unsw.edu.au/currentstudents/past-honours-students>

Admission requirements

‡ Average above 70% in **Level III Mathematics courses**

Average above 70% in **Core Level III Mathematics courses**

- **Pure Mathematics:**

- Higher Analysis, Higher Differential Geometry and Topology, Higher Algebra

- **Applied Mathematics / Physical Oceanography:**

- Three Level III courses depending on your chosen field (consult Coordinator)

- **Statistics:**

- Core courses of the Statistics major

- **Quantitative Data Science:**

- Three Level III courses in Mathematics / Statistics *plus*

- Two Level III Computer Science/Business electives of Data Science and Decisions



The Honours Year

The Honours year...

the final year of the Advanced Science/Advanced Mathematics degree
or an additional year at the end of your non-Honours Bachelor degree

You enrol in **MATH4001** (Honours Thesis) plus **5 approved courses**

Coursework: 30 Units of Credit (5 courses)

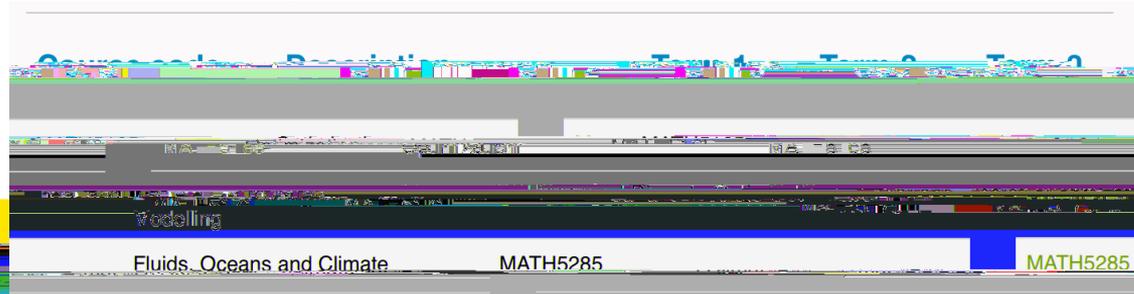
Project/Thesis: 18 Units of Credit

There is also a weekly honours seminar



Honours coursework

- ‡ Enrol in a full year of courses at the start of your Honours year
- ‡ You must seek approval from your Honours coordinator prior to enrolment
- ‡ Up to **one** course can be external:
 - ‡ Other schools at UNSW
 - ‡ Other mathematics schools
 - ‡ AMSI summer school, online courses on Advanced Collaborative Environment (ACE)
- ‡ Available courses will be posted on the Honours website



Honours Project

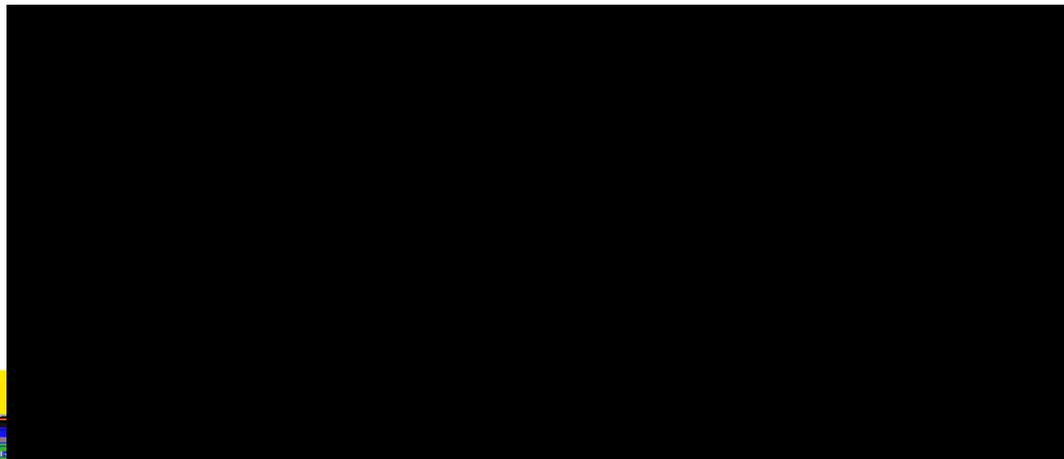


Next steps...

Step 1: Get clicking

Get familiar with **The Honours Year** section on the School website

www.maths.unsw.edu.au/currentstudents/honours-mathematics-and-statistics



Next steps...

Step 2: Start talking

Consult with the relevant Honours Coordinator to discuss your subjects

‡ **Pure:** Pinhas Grossman (p.grossman@unsw.edu.au)

‡ **Applied:** Chris Angstmann (c.angstmann@unsw.edu.au)

‡ **Statistics:** Libo Li (libo.li@unsw.edu.au)

You should also talk to potential supervisors **as soon as possible!**



Next steps...

Step 3: Submit online

Complete and submit the online **Intention to undertake honours form** to the Science Student Office (link on Honours website).

If you are in the BSc program or have graduated from another university, you *also* need to apply for the one-year degree Bachelor of Science (Honours) **Apply Online** system (link on Honours website).

