ASPinS in your second year:
SCIE3011 Perspectives in Science Research

Assoc Prof Sandie Degnan, SCIE3011 Coordinator
About me: Sandie Degnan, T & R academic School of Biological Sciences

The DEGNAN LAB marine genomics on Australia’s Great Barrier Reef

The research groups of Sandie Degnan and Bernie Degnan have diverse interests that focus on ecological and evolutionary developmental biology of coral reef invertebrates with a pelagobenthic life cycle. We are part of the University of Queensland in Brisbane, Australia, with easy access to the incredible biodiversity of the Great Barrier Reef, where we do most of our field work.

Best contact is via email: s.degnan@uq.edu.au
About you, the ASPinS students:

• Motivated, capable, committed and curious?
• Good at managing your time?
• Keen on exposure to scientific research?
• Keen on becoming part of the UQ research culture?
• Keen to participate in your own research conference?
About the UQ research environment:

- Large: ≈10,000 postgraduate students and ≈2500 academic staff
- Highly successful: research income exceeds $300 million / year
- Highly successful: ranked in top 50 globally
- Full of opportunities for undergrad students interested in research!
SCIE3011 aims to immerse you in this UQ research culture

The major element of the course is to conduct a research project in a UQ science lab.

• Write a proposal to define what you are going to do, and a final report to describe what you did

• Present your work at a conference

• Broaden your exposure to science research by attending seminars

• SCIE3011 runs for a whole year (TWO semesters) but you only enrol in Semester 1 or 2.
SCIE3011 overview

Semester 1
(applies whether you enrol in Semester 1 or 2):

• Finalise your research project

• Work on your research project (100-120 hrs through entire year)

• Keep a record of your work in a lab notebook or digital files as appropriate to your field of study
SCIE3011 overview

Semester 1

• Write your research proposal

• Go to science research seminars of your choosing, and take notes

• Come along to class workshops on Tuesdays 5 – 6 pm (not every week); check the ECP for details
Semester 2 (applies whether you enrol in semester 1 or 2):

• Continue your research project and going to research seminars

• Continue going to class workshops on Tuesdays 5 – 6 pm

• Be a part of the ASPinS conference – talk or poster

• Write your research report (as a manuscript)
## SCIE3011 – Assessment as it was in 2015

<table>
<thead>
<tr>
<th>Assessment Task</th>
<th>due date</th>
<th>weighting</th>
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<tbody>
<tr>
<td>1. Research Proposal</td>
<td>15\textsuperscript{th} April</td>
<td>15%</td>
</tr>
<tr>
<td>2. Research conference presentation</td>
<td>10\textsuperscript{th} Oct</td>
<td>15%</td>
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<tr>
<td>3. Laboratory performance</td>
<td>21\textsuperscript{st} Oct</td>
<td>25%</td>
</tr>
<tr>
<td>4. Research project report</td>
<td>21\textsuperscript{st} Oct</td>
<td>45%</td>
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<tr>
<td>5. Seminar Diary</td>
<td>11\textsuperscript{th} Jun</td>
<td>pass/fail</td>
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Can you do SCIE3011 and still go on Study Abroad in Semester 2?

Absolutely!

• Complete your research project in Semester 1

• Complete all of the same assessment items according to the standard due dates
Selection into SCIE3011:

• No selection interview needed for SCIE2011 students with a GPA of at least 5.5. *Expression of Interest still required* by early December (Round 1).

• Non-SCIE2011 students may apply through Expression of Interest. Selection will be based on GPA, seminar attendance and interviews to be conducted early in December and in February (dates to be confirmed)

• Capped at 35 places
What you need to do over the next few months:

• Contact potential supervisors/mentors to find out about possibilities.

• Submit an Expression of Interest to the Faculty of Science (when announced).

• Finalise your supervisor (but not necessarily project details) BEFORE the START of Semester 1, 2016
Questions?