UNIVERSITY
OF WOLLONGONG
AUSTRALIA

School of Biological Sciences

BIOL240: Biodiversity of Marine and Freshwater Organisms

Subject Outline

Autumn 2018
On-Campus
Wollongong

Subject Information

Credit Points: 6
Pre-requisite(s): BIOL103 & BIOL104 & BIOL105
Co-requisite(s): Nil
Restrictions: Nil
Contact Hours: 3hrs Lectures and/or Tutorials, 3hrs Practicals

Subject Contacts

Subject Coordinator/Lecturer

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Consultation mode and times:	Email for appointment

Lecturer

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Student Support and Advice

For general enquiries please contact StudentHub 41:

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Section A: General Information

Subject Learning Outcomes

On Successful completion of this subject, students will be able to:
1. skills in identifying aquatic plants and animals, evaluating their phylogenetic relationships,
2. skills in quantifying morphological characteristics and evolutionary processes, and
3. an ability to communicate through written and oral reports.

Subject Description

Introduction to biodiversity in aquatic ecosystems; including algae, plants, invertebrates and vertebrates. Quantification and importance of biological diversity. Human impacts on natural systems and the loss of biodiversity. Making and curating a collection of selected groups of organisms. Please note that this subject may involve animal dissections. While direct participation is not mandatory, all students will be examined on the material.

Readings, References and Materials

Nil

Prescribed Readings (includes eReadings)

The following readings are prescribed for this subject, but students are not expected to purchase these. They are available to students through the library on the subjects eLearning site.

- Brusca, Moore & Shuster (2016). Invertebrates. 3rd Edition. Sinauer Associates Inc., Publishers Sunderland, MA, USA.
- Pough et al. (2009) Vertebrate Life 8th ed. Pearson. San Francisco.
- Castro P & ME Huber (2010) Marine Biology. 8th ed. McGraw Hill, New York.
- Pechenik J (2007) A short guide to writing about Biology. 6th ed. Pearson/Longman, New York.

Materials

Pens
UOW approved calculator
A4 note pad
Laboratory coat
Pencils
Ruler
Rubber

Recommended Readings

The following references complement the prescribed readings and textbooks:

- Ruppert et al. (2004) Invertebrate zoology: a functional evolutionary approach. 7th ed. Thomson – Brooks/ Cole, Southbank, Victoria.
- Brusca, Moore & Shuster (2016). Invertebrates. 3rd Edition. Sinauer Associates Inc., Publishers Sunderland, MA, USA.
- Bertness et al. (2001) Marine Community Ecology. 1st ed. Sinauer Associates, Inc. Sunderland, Massachusetts.
- Connell & Gillanders (2007) Marine Ecology. 1st ed. Oxford University Press, Melbourne.
- Edgar (2008) Australian Marine Life: the plants and animals of temperate waters. 2nd ed. New Holland Publishers, Sydney.

Recommended readings are not intended as an exhaustive list, students should use the Library catalogue and databases to locate additional resources.

Recent Changes to this Subject

Nil

Ethical Objection to the Use of Animal and Animal Products

In order to achieve specific learning objectives, the use of animals, animal tissues, and or animal-derived products (such as sera) is inherent and unavoidable. Students with conscientious objections to this use should not enrol in this subject.

Students who intend to avoid a particular learning activity on the basis of conscientious objection should notify the subject coordinator in writing as soon as possible and **not later than the end of Week 1 of the session**. Students who do not participate in a particular learning activity are required to complete an alternative exercise (a CD-ROM is available) or attend the practical and "observe". The material involved is examinable and the prac must be written up and completed in your workbook. For further information, refer to http://www.uow.edu.au/about/policy/UOW058708.html

Laboratory Safety Guidelines

The rules below are general rules that are required in laboratories.

- Before commencing your project you are to ensure that you understand specific procedures for the laboratory in which you work.
- You will need to fill out a risk assessment form before commencing any experiments (confer with your laboratory supervisor).
- Never use any equipment or attempt any experiment without checking the safety implications with your laboratory supervisor or experienced delegated laboratory worker.
- Undergraduate students are not permitted to work after hours unless there is appropriate approval and supervision.

Schedule of Learning*

Week	Week Commencing	Lecture 1 Wed 12:30-13:30 (20.1)	Lecture 2 Thurs 17:30-18:30 (35.G35)	Tutorial Tues 13:30-14:30 (35.G45)	Demonstration/Lab Tues 9:30-12:30 (43.101)
1	26/02/2018	Introduction: subject outline & survival tips (SK)	Biodiversity in a fluid medium (MW)	NO TUT	NO PRAC
2	5/03/2018	Weird and Wonderful: Aquatic Insects (SK)	Weird and Wonderful: Aquatic Insects (MW)	NO TUT	Science how to do it! (+ paperwork) + Intro to Freshwater Insect Diversity (MW)
3	12/03/2018	Significantly Small: Aquatic Microbes I (SK)	Significantly Small: Aquatic Microbes II (MW)	Group presentations	Freshwater Diversity: getting to know (MW)
4	19/03/2018	Simply Multicellular: Cnidarians (SK)	Simply Multicellular: Sponges (MW)	Group presentations	Freshwater Diversity:fieldwork (MW)
5	26/03/2018	Marine algae (SK)	Marine angiosperms (MW)	Group presentations	Algal prac (SK)
6	02/04/2018	Successful Soft Bodies: Mollusc diversity (SK)	Successful Soft Bodies: Mollusc lifestyle (MW)	Group presentations	NO PRAC
7	09/04/2018	Echinoderm diversity (SK)	Echinoderm lifestyle (MW)	NO TUT	Rocky Shore Field Sampling (SK/MW)
		Mid-Session Recess 16 April 2018 – 20 April 2018			
8	23/04/2018	ANZAC DAY – NO LETURE	Armoured Achievers: Crustacean diversity (MW)	Group presentations	Quantifying rocky shore biodiversity (MW)
9	30/04/2018	Armoured Achievers: Crustacean lifestyle (SK)	Intro to fish diversity and behaviour/Australian Freshwater Fishes (MW)	Group presentations	Mid session quiz (MW)
10	07/05/2018	To Jaw or not to Jaw? (SK)	Cartilaginous Sharks and Rays (MW)	Group presentations	Invertebrate Diversity I (SK)
11	14/05/2018	Bony but Beautiful: ray finned fishes (SK)	Bony but Beautiful: lobe finned fishes (MW)	Group presentations	Vertebrate Diversity I (SK)
12	21/05/2018	Charismatic Megafauna: Marine mammals (SK)	Charismatic Megafauna: Marine mammals (MW)	Group presentations	Vertebrate Diversity II (SK)
13	28/05/2018	Biodiversity in a Changing World (SK)	Revision Lecture (MW)	Group presentations	Revision prac (MW/SK)
		Study Recess 4 June 2018– 8 June 2018			
		UOW Exam Period 9 June 2018 – 21 June 2018			

*The above timetable should be used as a guide only, as it is subject to change. Students will be advised of any changes as they become known.

Section B: Assessment

Assessment Summary

Assessment Item	Form of Assessment	Due Date	Return Feedback Due date	Weighting
Assessment 1	Freshwater Biodiversity	Week 6	Within 21 days of due date	8%
Assessment 2	Mid-session Quiz	Week 9	Within 21 days of due date	10%
Assessment 3	Rocky Shore Biodiversity Assignment	Week 10	Within 21 days of due date	12%
Assessment 4	Group Presentation	Weeks 3 - 13	Within 21 days of due date	10%
Assessment 5	Final Practical Exam	During exam period	Release of results	20%
Assessment 6	Final Theory Exam	During exam period	Release of results	40%
		Total Marks		100%

Please insert or delete rows as required

Details of Assessment Tasks

Assessment tasks will be marked using explicit criteria that will be provided to students prior to submission.

Assessment 1	Freshwater Biodiversity
Due Date	Week 6 by Friday 5pm
Weighting	8%
Submission	Submit an electronic copy of your assessment via upload to eLearning
Type of Collaboration	Individual Assessment
Length	2000 Words
Details	Report of freshwater invertebrate practicals
Style and format	Fieldwork Assignment
Turnitin	This assessment task has been set up to be checked by Turnitin, a tool for checking if it has unreferenced content. You can submit your assessment task to Turnitin prior to the due date and Turnitin will give you an originality report. You can then make any changes that may be required and re-submit you final version by the due date."
Subject Learning Outcomes	1,2,3
Marking Criteria	The marking criteria will be made available on your eLearning site by week 1 of session.

Assessment 2	Mid-session Quiz
Due Date	Week 9
Weighting	10%
Submission	Submit a hardcopy of your assessment to your lecturer in class.
Type of Collaboration	Individual Assessment
Length	N/A
Details	Test knowledge of lecture material
Style and format	Written theory test
Subject Learning Outcomes	1,2
Marking Criteria	The marking criteria will be made available on your eLearning site by week 1 of session.

Assessment 3	Rocky Shore Biodiversity Assignment
Due Date	Week 10 (by Friday 5pm)
Weighting	12%
Submission	Submit an electronic copy of your assessment via upload to eLearning
Type of Collaboration	Individual Assessment
Length	4000 words
Details	Journal style report of rocky shore and computer practicals
Style and format	Fieldwork Assignment
Turnitin	This assessment task has been set up to be checked by Turnitin, a tool for checking if it has unreferenced content. You can submit your assessment task to Turnitin prior to the due date and Turnitin will give you an originality report. You can then make any changes that may be required and re-submit you final version by the due date."
Subject Learning Outcomes	1,2,3
Marking Criteria	The marking criteria will be made available on your eLearning site by week 1 of session.

Assessment 4	Group Presentation
Due Date	Weeks 3 - 13
Weighting	10%
Submission	Presentations will be conducted in class and assessed by class tutor
Type of Collaboration	Group Project
Length	3 mins
Details	Oral presentation on chosen taxa
Style and format	Group Presentation
Subject Learning Outcomes	3
Marking Criteria	The marking criteria will be made available on your eLearning site by week 1 of session.

Assessment 5	Final Practical Exam
Due Date	Exam period
Weighting	20%
Submission	Exam papers and answers must be submitted at the conclusion of the exam.
Type of Collaboration	Individual Assessment
Length	1.5 hours
Details	Test knowledge of practical material
Style and format	Final exam
Subject Learning Outcomes	1,2
Marking Criteria	The marking criteria will be made available on your eLearning site by week 1 of session.

Assessment 6	Final Theory Exam
Due Date	Exam period
Weighting	40%
Submission	Exam papers and answers must be submitted at the conclusion of the exam.
Type of Collaboration	Individual Assessment
Length	3 hours
Details	Test knowledge of lecture and practical material
Style and format	Final exam
Subject Learning Outcomes	1,2
Marking Criteria	The marking criteria will be made available on your eLearning site by week 1 of session.

Minimum Requirements for a Pass in this Subject

To receive a clear pass in this subject a total mark of 50% or more must be achieved. In addition, failure to meet any of the minimum performance requirements is grounds for awarding a Technical Fail (TF) in the subject, even where total marks accumulated are greater than 50%.

The minimum performance requirements for this subject are:

- Achieve a minimum mark of 45% in the exam component of the subject (theory and prac components combined) to pass the subject.

Minimum Student Attendance and Participation

It is expected that students will allocate 12 hours per week to this subject, including any required class attendance, completion of prescribed readings and assessment tasks.

Student attendance at tutorials, practicals, seminars and/or simulations is compulsory and students must attend at least 100% of classes. Absences will require the submission of an application for Academic Consideration via SOLS and the presentation of suitable documentation, for example a Medical Certificate, to Student Central as soon as practical. For further details about applying for academic consideration visit the Student Central webpage:
http://www.uow.edu.au/student/central/academicconsideration/index.html

Scaling

Scaling may occur in this subject at the end of session by the Unit Assessment Committee and/or Faculty Assessment Committee (FAC). Marks will only be scaled to ensure fairness/parity of marking across groups of students. Scaling will not affect any individual student's rank order within their cohort. For more information refer to Assessment Guidelines – Scaling:
http://www.uow.edu.au/about/policy/UOW058609.html

Late Submission

Late submission of an assessment task without an approved extension of the deadline is not acceptable. If you are unable to submit an assessment due to extenuating circumstances (e.g. medical grounds or compassionate grounds), you can make an application of academic consideration. Not all circumstances qualify for academic consideration. For further details about applying for academic consideration visit the Student Central webpage:
http://www.uow.edu.au/student/central/academicconsideration/index.html

Late Submission Penalty – at 10%

Late submission of an assessment task without an approved extension of the deadline is not acceptable. Marks will be deducted for late submission at the rate of 10% of the total possible marks for that particular assessment task per day. This means that if a piece of work is marked out of 100, then the late penalty will be 10 marks per day (10% of 100 possible marks per day). The formula for calculating the late penalty is the total possible marks x 0.10 x number of days late. For the purposes of this policy a weekend (Saturday and Sunday) will be regarded as two days.

For example:

- Student A submits an assessment which is marked out of 100. The assessment is submitted 4 days late. This means that a late penalty of 40 marks will apply (100 x 0.10 x 4). The assessment is marked as per normal out of 100 and is given a mark of 85/100, and then the late penalty is applied. The result is that the student receives a final mark of 45/100 for the assessment (85 (original mark) – 40 marks (late penalty) = 45/100 (final mark)).
- Student B submits a report which is marked out of 20. The report is submitted three days late. This means that a late penalty of 6 marks will apply ((20 x 0.10 x 3). The report is marked as per normal out of 20 and is given a mark of 15/20, and then the late penalty is applied. The result is that the student receives a final mark of 9/20 for the report (15 (original mark) – 6 marks (late penalty) = 9/20 (final mark)).

No marks will be awarded for work submitted after the assessment has been returned to the students (except where a particular assessment task is undertaken by students at different times throughout the session, but where the assessment is based on experiments or case studies specific to a student). Notwithstanding this, students must complete all assessment tasks to a satisfactory standard and submit them, regardless of lateness or loss of marks, where submission is a condition of satisfactorily completing the subject.

Supplementary Assessments

Refer to the submission requirements under the details of the individual assessments. Students should ensure that they receive a receipt acknowledging submission. Students will be required to produce this in the event that an assessment task is considered to be lost. Students are also expected to keep a copy of all their submitted assessments in the event that re-submission is required.

System of Referencing Used for Written Work

The Author-Date (Harvard) referencing system should, unless otherwise specified for a particular assessment (check Details of Assessment Tasks), be utilised. A summary of the Harvard system can be accessed on the Library website at: http://uow.libguides.com/refcite

Submission of Assessments

Refer to the submission requirements under the details of the individual assessments. Students should ensure that they receive a receipt acknowledging submission. Students will be required to produce this in the event that an assessment task is considered to be lost. Students are also expected to keep a copy of all their submitted assessments in the event that re-submission is required.

Assessment Return

Students will be notified when they can collect or view their marked assessment. In accordance with University Policy marked assessments will usually only be held for 21 days after the declaration of marks for that assessment.

Section C: General Advice

Students should refer to the Faculty of Science, Medicine and Health website for information on policies, learning and support services and other general advice.

Student Consultation and Communication

University staff receive many emails each day. In order to enable them to respond to your emails appropriately and in a timely fashion, students are asked to observe basic requirements of professional communication.

Please ensure that you include your full name and student number and identify your practical class or tutorial group in your email so that staff know who they are communicating with and can follow-up personally where appropriate.

Consider what the communication is about

- Is your question addressed elsewhere (e.g. in the subject outline or, on the eLearning site)?
- Is it something that is better discussed in person or by telephone? This may be the case if your query requires a lengthy response or a dialogue in order to address. If so, see consultation times above and/or schedule an appointment.
- Are you addressing your request to the most appropriate person?

Specific email subject title to enable easy identification of issue

- Identify the subject code of the subject you are enquiring about (as staff may be involved in more than one subject) put this in the email subject heading. Add a brief, specific query reference after the subject code where appropriate.

Professional courtesy

- Address the staff member appropriately by name (and formal title if you do not yet know them).
- Use full words (avoid 'text-speak' abbreviations), correct grammar and correct spelling.
- Be respectful and courteous.
- Allow 3 – 4 working days for a response before following up. If the matter is legitimately urgent, you may wish to try telephoning the staff member (and leaving a voicemail message if necessary) or inquiring at the School Office.

eLearning Space

This subject has materials and activities available via eLearning. To access eLearning you must have a UOW user account name and password, and be enrolled in the subject. eLearning is accessed via SOLS (student online services). Log on to SOLS and then click on the eLearning link in the menu column. For information regarding the eLearning spaces please use the following link: https://www.uow.edu.au/student/elearning/index.html

Use of Internet Sources

Students are able to use the Internet to access the most current information on relevant topics and information. Internet sources should only be used after careful critical analysis of the currency of the information, the role and standing of the sponsoring institution, reputation and credentials of the author, the clarity of the information and the extent to which the information can be supported or ratified by other authoritative sources.

Lecture, Tutorial, Laboratory Times

On campus

All timetable information is subject to variation. Check latest timetabling information on the 'Current Student' webpage on UOW website or log into SOLS to view your personal timetable prior to attending classes.
http://www.uow.edu.au/student/index.html
Timetable information can be accessed from
https://www.uow.edu.au/student/timetables/
Key University Dates can be accessed from
http://www.uow.edu.au/student/dates/index.html

Extraordinary Changes for the Subject after Release of the Subject Outline

In extraordinary circumstances the provisions stipulated in this Subject Outline may require amendment after the Subject Outline has been distributed. All students enrolled in the subject must be notified and have the opportunity to provide feedback in relation to the proposed amendment, prior to the amendment being finalised.

Learning Analytics

Data on student performance and engagement (such as Moodle and University Library usage, task marks, use of SOLS) will be available to the Subject Coordinator to assist in analysing student engagement, and to identify and recommend support to students who may be at risk of failure. If you have questions about the kinds of data the University uses, how we collect it, and how we protect your privacy in the use of this data, please refer to
http://www.uow.edu.au/dvca/bala/analytics/index.html

The Assessment Quality Cycle

The Assessment Quality Cycle provides a level of assurance that assessment practice across the University is appropriate, consistent and fair.

Assessment Quality Cycle Activities are undertaken to contribute to the continuous improvement of assessment and promote good practices in relation to the:
a. design of the assessment suite and individual assessment tasks;
b. marking of individual assessment tasks;
c. finalisation of subject marks and grades; and
d. review of the subject prior to subsequent delivery

Copies of student work may be retained by the University in order to facilitate quality assurance of assessment processes.

Academic Integrity Policy

The full policy on Academic Integrity Policy is found in the Policy Directory on the UOW website.

"The University's Academic Integrity Policy, Faculty Handbooks and subject guides clearly set out the University's expectation that students submit only their own original work for assessment and avoid plagiarising the work of others or cheating. Re-using any of your own work (either in part or in full) which you have submitted previously for assessment is not permitted without appropriate acknowledgement or without the explicit permission of the Subject Coordinator. Plagiarism can be detected and has led to students being expelled from the University.

The use by students of any website that provides access to essays or other assessment items (sometimes marketed as 'resources'), is extremely unwise. Students who provide an assessment item

(or provide access to an assessment item) to others, either directly or indirectly (for example by uploading an assessment item to a website) are considered by the University to be intentionally or recklessly helping other students to cheat. Uploading an assessment task, subject outline or other course materials without express permission of the university is considered academic misconduct and students place themselves at risk of being expelled from the University."

Student Academic Complaints Policy (Coursework or Higher Degree Research)

In accordance with the Coursework Student Academic Complaints Policy, a student may request an explanation of a mark for an assessment task or a final grade for a subject consistent with the student's right to appropriate and useful feedback on their performance in an assessment task. Refer to the Coursework Student Academic Complaints Policy for further information.

Student Support Services and Facilities

Students can access information on student support services and facilities at the following link. This includes information on "Academic Support", "Starting at University, "Help at University" as well as information and support on "Careers and Jobs". http://www.uow.edu.au/student/services/index.html

Student Etiquette

Guidelines on the use of email to contact teaching staff, mobile phone use in class and information on the university guide to eLearning 'Netiquette' can be found at http://www.uow.edu.au/student/elearning/netiquette/index.html

UOW Grade Descriptors

The University of Wollongong Grade Descriptors are general statements that describe student performance at each of the University's grade levels.

Grade	Mark %	Descriptor
High Distinction HD	85-100	A high distinction grade (HD) is awarded for performance that provides evidence of an outstanding level of attainment of the relevant subject learning outcomes, demonstrating the attributes of a distinction grade plus (as applicable): • consistent evidence of deep and critical understanding • substantial originality and insight in identifying, generating and communicating competing arguments, perspectives or problem-solving approaches • critical evaluation of problems, their solutions and their implications • use of quantitative analysis of data as the basis for deep and thoughtful judgments, drawing insightful, carefully qualified conclusions from this work • creativity in application as appropriate to the discipline • eloquent and sophisticated communication of information and ideas in terms of the conventions of the discipline • consistent application of appropriate skills, techniques and methods with outstanding levels of precision and accuracy • all or almost all answers correct, very few or none incorrect
Distinction D	75-84	A distinction grade (D) is awarded for performance that provides evidence of a superior level of attainment of the relevant subject learning outcomes, demonstrating the attributes of a credit grade plus (as applicable): • evidence of integration and evaluation of critical ideas, principles, concepts and/or theories • distinctive insight and ability in applying relevant skills, techniques, methods and/or concepts • demonstration of frequent originality in defining and analysing issues or problems and providing solutions • fluent and thorough communication of information and ideas in terms of the conventions of the discipline • frequent application of appropriate skills, techniques and methods with superior levels of precision and accuracy • most answers correct, few incorrect
Credit C	**65-74**	A credit grade (C) is awarded for performance that provides evidence of a high level of attainment of the relevant subject learning outcomes, demonstrating the attributes of a pass grade plus (as applicable): • evidence of learning that goes beyond replication of content knowledge or skills • demonstration of solid understanding of fundamental concepts in the field of study • demonstration of the ability to apply these concepts in a variety of contexts • use of convincing arguments with appropriate coherent and logical reasoning • clear communication of information and ideas in terms of the conventions of the discipline • regular application of appropriate skills, techniques and methods with high levels of precision and accuracy • many answers correct, some incorrect
Pass P	**50-64**	A pass grade (P) is awarded for performance that provides evidence of a satisfactory level attainment of the relevant subject learning outcomes, demonstrating (as applicable): • knowledge, understanding and application of fundamental concepts of the field of study • use of routine arguments with acceptable reasoning • adequate communication of information and ideas in terms of the conventions of the discipline • ability to apply appropriate skills, techniques and methods with satisfactory levels of precision and accuracy • a combination of correct and incorrect answers
Fail F	**<50**	A fail grade (F) is given for performance that does not provide sufficient evidence of attainment of the relevant subject learning outcomes.
Technical Fail TF		A technical fail (TF) grade is given when minimum performance level requirements for at least one assessment item in the subject as a whole has not been met despite the student achieving at least a satisfactory level of attainment of the subject learning outcomes.
Satisfactory S		A satisfactory grade (S) is awarded for performance that demonstrates a satisfactory level of attainment of the relevant subject learning outcomes.
Unsatisfactory U		An unsatisfactory grade (U) is awarded for performance that demonstrates an unsatisfactory level of attainment of the relevant subject learning outcomes.
Excellent E		An excellent grade (E) may be awarded, instead of a satisfactory grade (S), within subjects from the School of Medicine that have been completed with a consistent pattern of high standard of performance in all aspects of the subject.

More details on UOW Grade descriptors can be found on the following link
http://www.uow.edu.au/content/groups/public/@web/@gov/documents/doc/uow194941.pdf

University Policies

Students should be familiar with the following University policies:

a. Code of Practice – Teaching and Assessment
http://www.uow.edu.au/about/policy/UOW058666.html

b. Code of Practice – Research, where relevant
http://www.uow.edu.au/about/policy/UOW058663.html

c. Code of Practice – Honours, where relevant
http://www.uow.edu.au/about/policy/UOW058661.html

d. Student Charter
http://www.uow.edu.au/student/charter/index.html

e. Code of Practice – Student Professional Experience, where relevant
http://www.uow.edu.au/about/policy/UOW058662.html

f. Academic Integrity and Plagiarism Policy
http://www.uow.edu.au/about/policy/UOW058648.html

g. Student Academic Consideration Policy
http://www.uow.edu.au/about/policy/UOW058721.html

h. Course Progress Policy
http://www.uow.edu.au/about/policy/UOW058679.html

i. Academic Complaints Policy (Coursework and Honours Students)
http://www.uow.edu.au/about/policy/UOW058653.html

j. Inclusive Language Policy
http://www.uow.edu.au/about/policy/alphalisting/UOW140611.html

k. Workplace Health and Safety, where relevant
http://staff.uow.edu.au/ohs/index.html

l. Intellectual Property Policy
http://www.uow.edu.au/about/policy/UOW058689.html

m. IP Student Assessment of Intellectual Property Policy, where relevant
http://www.uow.edu.au/about/policy/UOW058690.html

n. Policy on Ethical Objection by Students to the Use of Animal and Animal Products in Coursework Subjects, where relevant
http://www.uow.edu.au/about/policy/UOW058708.html

o. Human Research Ethics Guidelines, where relevant
http://www.uow.edu.au/research/ethics/human/index.html

p. Animal Research Guidelines, where relevant
http://www.uow.edu.au/research/ethics/UOW009373.html

q. Student Conduct Rules and accompanying Procedures or Research Misconduct Policy for research students
http://www.uow.edu.au/about/policy/rules/UOW060095.html

Version Control Table

Version Control	Release Date	Author/Reviewer	Approved By	Amendment
2	20180131	Marian Wong – Subject Coordinator	Sonia Losinno – Learning and Teaching Officer	Update Schedule of Learning
1	20171121	Marian Wong – Subject Coordinator	Sonia Losinno – Learning and Teaching Officer	FINAL BIOL240 AUT 2018 Subject Outline