



School of Education

EDST6956  
Biology Method 2

Term 2, 2019



## 1. LOCATION

Faculty of Arts and Social Sciences  
School of Education  
EDST6956 Biology Method 2 (6 units of credit)  
Term 2 2019

## 2. STAFF CONTACT DETAILS

Course Coordinator: Oriana Miano  
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Availability: Please email for appointment

Tutor: Jennifer Ming  
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Availability: Please email for appointment

## 3. COURSE DETAILS

<b>Course Name</b>	Biology Method 2
<b>Credit Points</b>	6 units of credit (uoc)
<b>Workload</b>	Includes 150 hours including class contact hours, readings, class preparation, assessment, follow up activities, etc.
<b>Schedule</b>	<a href="http://classutil.unsw.edu.au/EDST_T2.html">http://classutil.unsw.edu.au/EDST_T2.html</a>

## SUMMARY OF THE COURSE

This course is designed to develop in Initial Teacher Education students the appropriate pedagogies for teaching the Stage 6 *Biology syllabus*, as well as offering an insight into the nature and practice of Biology. Initial Teacher Education students will develop skills in planning, teaching and assessing, contextualising Biology, managing practical work in science classrooms and integrating ICT resources into lessons. Important issues such as student prior learning, student differences and safety are also considered. Students will critically evaluate the features of effective classroom practice. The course focuses on the requirements and philosophy of the NSW Science syllabuses, with emphasis on *Stage 6 Biology Syllabus*.

## THE MAIN WAYS IN WHICH THE COURSE HAS CHANGED AS A RESULT OF STUDENT FEEDBACK

The hurdle requirement is now held as a component of module 7, rather than earlier in the course. This change allows students more time to complete and submit the online assessment course and common e-portfolio. NB: The same portfolio covers both methods for which the student is enrolled.

## STUDENT LEARNING OUTCOMES

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### Outcome

- 1 Identify essential elements of the NESA Biology

5.5.1	Report on student achievement
6.3.1	Seek and apply constructive feedback from supervisors and teachers to improve teaching practices.
7.1.1	Understand and apply the key principles described in codes of ethics and conduct for the teaching profession

#### NATIONAL PRIORITY AREA ELABORATIONS

Priority area	
Aboriginal and Torres Strait Islander Education	5, 8
Classroom Management	
Information and Communication Technologies	4, 5, 8, 12
Literacy and Numeracy	1, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
Students with Special Educational Needs	6, 7
Teaching Students from Non-English Speaking Backgrounds	2, 6, 9

#### **4. RATIONALE FOR THE INCLUSION OF CONTENT AND TEACHING APPROACH**

## 6. COURSE CONTENT AND STRUCTURE

**Module**

**Lecture**

**Tutorial**

## 7. RESOURCES

### ***Required Readings***

Each student is required to obtain from the NESA website the following documents: *NSW Stage 6 Biology Syllabus* and Stage 6 Support Materials <https://syllabus.nesa.nsw.edu.au/biology-stage6/> .



## 8. ASSESSMENT

Assessment Task	Length	Weight	Student Learning Outcomes Assessed	Program Learning Outcomes Assessed	National Priority Area Elaborations	Due Date
<b>Assessment 1</b> Scope and sequence and one assessment task for one term: Preliminary	2,000 words equivalent	40%	1, 2, 3, 4, 5	1.3.1		

## Assessment Details

### Assessment 1 (2 000 wd eq, 40%)

**PART 1:** Create a scope and sequence, including learning outcomes, covering 10 weeks for a Year 11 preliminary class.

**PART 2:** Prepare an assessment task (not an essay) that directly links to the teaching and learning

how the feedback from the summative task can also be used for formative assessment. Make sure your instructions for the task are grammatically correct and communicate effectively for students.

Design a marking rubric, which also includes space for a holistic comment.

Provide an exemplar student answer for the assessment task. Write a feedback comment for this response outlining its strengths and indicating at least one aspect which could be further improved.

### Assessment 2 (3 000 wd eq, 60%)

Prepare a unit of work for Year 12 which covers approximately half the term. You need to ensure the unit demonstrates you are ready to plan and teach Stage 6 effectively. Make sure you have reflected on the feedback you received for the scope and sequence you prepared for Assessment 1.

The unit of work should indicate a variety of formative assessment strategies which will provide students with feedback about:

- a. what they can already do well
- b. what they still need to improve
- c. how they can effectively close the gap between a and b.

Include all activities and resources to support student learning. There must be at least one literacy activity/resource and one numeracy/ICT resource.

## HURDLE REQUIREMENT

### FEEDBACK AND REPORTING

Assessment is the process of gathering evidence from a variety of sources about learning outcomes and being able to use that information to improve learning and teaching. Evidence includes not only individual student work samples and test results, but also more global data derived from standardized tests (eg NAPLAN, ICAS, HSC etc) as well as more qualitative information generated from student self and peer evaluations, and student-parent conferences.

Feedback is a structured interaction with the student about their current learning: where they are, where they want and /or need to be and how to get there. It may be in oral or written form and may be -assessment. Feedback needs to indicate learning that has been demonstrated (achieved) as well as what needs more work. For the feedback to also feed forward, comments need to provide students with strategies to guide their improvement. Feedback /reporting to and for parents is also important as they are critical stakeholders

Moderation is a process used by teachers to compare their judgements about student performance so that assessment is trustworthy. Teachers work together as a group to ensure that the way they use assessment grades is consistent with agreed or published standards. For A to E grades this means the grade a student receives in one school can be fairly compared to the same grade anywhere in NSW. For school-based tasks, it means the work of students in different classes can be assessed using the same success criteria to evaluate progress toward learning outcomes.

View some work samples that teachers in your subject area have aligned to grades A to E at NESA or [ACARA](#) workshops.

It is recommended that students read widely on how to design appropriate assessment tasks, how moderate student samples of work and how to provide effective feedback

where this student work is in relation to those overall expectations/standards as well in relation to their previous performance  
provide written feedback for the student which indicates strengths and areas for improvement in relation to this work sample as well as their past performance and overall expectations/standards. Suggest a strategy that will guide the student in his/her learning. (If the task was used summatively you can still use it for formative purposes.)  
indicate what the implications of your evaluation might be for the teacher in terms of future teaching.

2. Write a few lines that could be included in a mid-year report comment to parents. Provide enough detail to indicate to parents commenting on. Add A, B, C, D or E to align with the advice and work samples provided by NESAs and ACARA.

**NOTES:**

**The student work samples must be authentic. They should have been collected during Professional Experience 1 during a normal assessment task and/or provided by the method lecturer. Annotated student work samples, notes and all other written evidence of teacher submitted by the due date.**

**If a student is assessed as Unsatisfactory in the feedback and reporting hurdle requirement, s/he will automatically fail Method 2 overall, and not be permitted to undertake 16(ill)-140rf64 4**

UNSW SCHOOL OF EDUCATION  
FEEDBACK SHEET  
EDST6956 BIOLOGY METHOD 2

UNSW SCHOOL OF EDUCATION  
 FEEDBACK SHEET  
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Student Name:

Student No.:

Assessment Task 2: Planning a unit of work including formative assessment strategies

<b>SPECIFIC CRITERIA</b>	(-)  (+)				
<p><b>Understanding of the question or issue and the key concepts involved</b></p> <ul style="list-style-type: none"> <li>• Demonstrates knowledge of selected Stage 6 course and syllabus outcomes</li> <li>• Sequences tasks and activities to suit logical learning progression and meet selected outcomes for Year 12</li> <li>• Integrates formative assessment strategies throughout the unit of work</li> </ul>					
<p><b>Depth of evidence in response to the task</b></p> <ul style="list-style-type: none"> <li>• Demonstrates understanding of academic and cultural diversity</li> <li>• Includes a variety of pedagogical strategies to suit content of the Stage 6 course</li> <li>• Designs appropriate activities and outlines lessons in sufficient detail without providing full plans</li> <li>• Provides effective feedback opportunities to inform students of their progress</li> </ul>					



Assessment, Feedback and Reporting

STUDENT TEACHER

Name:

zID: