Course Outline

BEES6800/TWC371: The Science of Science Communication

School of Biological, Earth and Environmental Sciences

1. Staff

Position	Name	Email	Consultation times and locations	Contact Details
Course Convenor and Lecturer	A/Prof Carol Oliver	carol.oliver@unsw.edu.au	E-mail request for one-on-one tutorial	0417 477 612 International: 0061 417 477 612 Location: Room 5109 Biosciences Building E26 Kensington campus, Sydney.
Arizona State University lead	Prof Andy Mara	andrew.f.mara@asu.edu		
Teaching Assistant	Clare Fletcher	clare.fletcher@unsw.edu.au		

2. Course information

Units of credit: 6

Teaching times and locations: Fully online delivered in weekly modules. No lectures. No final exam.

2.1 Course summary

Welcome to BEES6800/TWC371 The Science of Science Communication – a fully online course with

g)-3(t)-6(im)6(esfive 30-minute teaching times and locations 1 212.85 0 0 1 139.9 1 45 0.28 58 RG 72.025 709.025 125.184 0.82 ET Q Q 0 0 0 0 887 (e s) 5 3 (

3. Strategies and approaches to learning

3.1 Learning and teaching activities

Successful scientists must be effective communicators. They must know how to craft their messages into different shapes for different audiences – from writing a research paper to presentation skills. However, scientists and students alike rarely get the opportunity to learn how to effectively communicate with non-expert public audiences – a critical part of the process of science given the impact on society. This course aims to fill that gap. Students taking this course may consider it a foundation for a career as a science communicator or as a key communication skill needed for their future employment or research.

The teaching strategy is to focus on engaging students with lifelong learning. Communication strategies require practise, not rote learning; therefore, there is no final exam. The focus is on practising the skills that are taught. Students should take every opportunity offered to practise

4. Teaching online and expectations of students

4.1 Format of the coursefive3595.25 842 reW*nBT/F2 11 Tf1 0 0 1 422.42 518.65 6Tm0.00000981 0 393131(w)-4(i)-m

BEES 6800/TWC371 is fully online, meaning you can study the weekly modules flexibly. However, you are very strongly encouraged to study the module in the week it is released to avoid falling behind in the course.

There are at five 30-minute synchronous virtual class discussions throughout the course beginning in Week 1. The sessions, focused on assessment help, are intended for direct interaction with me and the rest of the class. These are recorded, but participation is encouraged so students can ask questions that occur during the discussion. Other virtual classes will be held weekly or fortnightly depending on demand.

IMPORTANT!

<u>One-on-one tutorials with me are available on request throughout the course – and you are</u> strongly encouraged to take advantage of this opportunity (multiple times if you wish).

o87 /F2 11 TfdsBT/F2 1166(c)93()-7(NT)-4(!)]TJETQ0.0015 5.5 13.5 reW*nBT/F1 11 Tf1 0 0 1 523.47 eekly or f4737 518.65 Tm0 S00000

science communication

Week	Module	Content	Learning opportunities

Week 5	Theories and models of science communication	Framework of science communication from deficit to dialogue models; theories and practice of science communication.	Turnitin submission Assessment 2 Part A Friday Week 5 23.59 Sydney time Virtual Class 3 Wednesday 9.30 a.m. Sydney time (30 mins) One-on-one tutorials on request; forum questions or e-mail to A/Prof Carol Oliver7arol C

Assessment 3: Students prepare and justify a plan for a research centre to engage with the public through social media. The assignment has three parts. First, students produce an outline of a social media plan (600 words, worth 10% of the course marks and due in Week 8) to receive feedback before proceeding to the final plan. They then produce the final plan (1,500 words and worth 30% of the course marks) together with a sample of a posting (worth 10% of the course marks) due in Week 10.	Part A: up to 600 words Part B: up to 1,500 words Part C: Up to 150 words	50%	50	Part A Week 8 Parts B and C Week 10

<https://student.unsw.edu.au/special-consideration>. Arizona State University students should contact A/Prof Carol Oliver for guidance if they need special consideration.

Equitable Learning Plan students must present their plan to me in Week 1 as required under ELS rules. This is to enable me to fully support your needs.