



ACSC100

Academic Communication in Science

S1 Day 2019

Dept of Linguistics

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Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

General Information

Unit convenor and teaching staff

Convener

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Administration

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Deanna Wong

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Credit points

3

Prerequisites

Corequisites

Co-badged status

Unit description

This unit is designed to support students in their transition to university by enabling them to understand and achieve standards of performance required in an academic environment. The unit provides a three-level focus which is initiated by facilitating the development of academic practices, behaviours and values. Secondly, it fosters a level of familiarity with the disciplinary language, texts and conventions used when studying in programs offered by the Faculty of Science. Finally, it raises an awareness of the impact of scientific knowledge and the role of scientists when they act to solve problems and implement innovations affecting contemporary society. Learning and assessment activities are designed to build the capacity for independent and collaborative approaches to learning. Students are guided to develop their capacity for reading, thinking and expressing ideas effectively and critically.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

On successful completion of this unit, you will be able to:

Read efficiently to gather specific information and ideas from discipline-specific sources.

Demonstrate an ability to interpret and apply concepts from sources used in the discipline.

Analyse the purpose, language and features of academic, disciplinary and professional genres.

Critically evaluate information and ideas from academic, disciplinary and professional sources.

Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.

Apply academic referencing conventions accurately and appropriately.

Apply reasoning to formulate and support a position or argument.

Plan and produce texts to reflect academic and disciplinary standards.

Engage in independent and collaborative learning activities.

General Assessment Information

Assignment Submission

For all assessments, **you are expected to bring a completed first draft of the relevant part of the assignment to your tutorial**, usually one week before the final submission is due. The draft will be peer-reviewed and edited in the tutorial, following which you will have time to re-write the assignment and produce a final copy for submission and marking.

Peer review will take place in groups, so **you MUST bring a printed copy of your draft for each member of your group**. Please note that it is not sufficient to bring an electronic copy of your draft, nor is it appropriate to bring an incomplete version. **Peer review is a requirement of ACSC100. If you do not bring a draft copy of your assignment to the appropriate tutorial, your mark for that assignment may be reduced by 10%.** If you are unable to attend a tutorial in which peer-review is carried out, you MUST submit a formal request for Special Consideration through the ask.mq.edu.au web portal. Supporting documentation (e.g. a medical certificate) must be provided.

All assignments (including PDF versions of the oral presentation PowerPoint slides) need to be submitted to Turnitin using the links available on the ACSC100 iLearn website.

Late Assignment Submission

Any request for an extension must be provided with associated documentation via a special consideration request on ask.mq.edu.au before the assignment deadline.

Unless you have been granted an extension based on documented evidence of significant disruption to your studies, the following late penalties apply:

- Late submissions without an extension will receive a penalty of 3% of the total mark available for the assessment task per day including weekend days (i.e. this is 3% of the total marks possible for the task – NOT 3% of the marks the student received. For

example, if the assessment task is worth 100 marks and the student is two days late their mark for the task is reduced by 6 marks.)

- Late submission of an assessment task without an extension will not be accepted at all after the date on which marked assessment tasks have been released to the rest of the class. Any student with unsubmitted work at this date will receive a mark of 0 for the assessment task.
- Extensions will only be given in special circumstances, and can be requested by completing the Special Consideration request at ask.mq.edu.au and providing the requisite supporting documentation.
- Extensions that will result in submissions after the assessment task has been returned to the class will require a separate assessment task to be completed at the unit convenor's discretion.
- For more information on Special Consideration, see the university website [https://student.s.mq.edu.au/study/my-study-program/special-consideration\](https://student.s.mq.edu.au/study/my-study-program/special-consideration/)
- If a student fails the unit due to non-submission of an assignment or non-attendance at an exam, an FA grade will be applied in accordance with the University's Assessment Policy.
- Unit convenors have the discretion to determine whether or not students should fail a unit on the basis of lateness penalties alone if other learning outcomes of the unit have been met.

Please keep a copy of your assessments in case of misadventure to ensure that you are able to produce proof of your work.

Presentation of Assignments

Add a footer to each page of the assignment, with page numbering, student name and student number, and the unit code in the footer, for example:

Matt Smith 40112333 ACSC100

All assignments should be word-processed, using a 12 point font with 1.5 to 2x line spacing. Turnitin will mark the assignment with submission time and date.

Please keep a copy of all assignments in case of misadventure.

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Information Synthesis</u>	20%	No	04/04/2019 5pm
<u>Oral Presentation</u>	20%	No	26/04/2019, 5pm

Name	Weighting	Hurdle	Due
Persuasive Texts	40%	No	31/05/2019 5pm
e-Portfolio and Reflections	20%	No	Weeks 1-13

Information Synthesis

Due: **04/04/2019 5pm**

Weighting: **20%**

Students will present a synthesized summary of three sources focused on the topics of Undergraduate Science education and Work-Integrated Learning/ PACE. Two of the sources will be provided to students, while the third will be self-selected.

- Length: 750 words
- Draft Submission Due: Tutorials Week 5
- Formal Submission Due: 04/04/2019, 5pm

On successful completion you will be able to:

- Read efficiently to gather specific information and ideas from discipline-specific sources.
- Analyse the purpose, language and features of academic, disciplinary and professional genres.
- Critically evaluate information and ideas from academic, disciplinary and professional sources.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply academic referencing conventions accurately and appropriately.
- Apply reasoning to formulate and support a position or argument.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Oral Presentation

Due: **26/04/2019, 5pm**

Weighting: **20%**

Oral Presentation- Verbal information Report: Students will form a group to present a review of specified units suitable for their chosen majors based on a synthesis of the knowledge gained from their individual information syntheses. Marks will be awarded on an individual (90%) and group (10%) basis.

- Length: Individual contributions of 5 minutes each as part of a group presentation

- Draft Submission Due: Tutorials Week 7
- Formal Submission Due: 26-4-2019, 9am
- Presentation Delivery: Tutorials Week 8

On successful completion you will be able to:

- Read efficiently to gather specific information and ideas from discipline-specific sources.
- Demonstrate an ability to interpret and apply concepts from sources used in the discipline.
- Analyse the purpose, language and features of academic, disciplinary and professional genres.
- Critically evaluate information and ideas from academic, disciplinary and professional sources.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply academic referencing conventions accurately and appropriately.
- Apply reasoning to formulate and support a position or argument.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Persuasive Texts

Due: **31/05/2019 5pm**

Weighting: **40%**

For this assignment, students will write a research report written for a professional scientific audience. You will then transform your research report into an informative brochure written for a general audience.

- Length
 - Research report: 1200 words
 - Informative Brochure: 400 words
- Draft Submission for the Research Report Due: Tutorials Week 10
- Draft Submission for the Informative Brochure Due: Tutorials Week 12
- Formal Submission Due: 31/05/2019, 5pm

On successful completion you will be able to:

- Read efficiently to gather specific information and ideas from discipline-specific sources.

- Demonstrate an ability to interpret and apply concepts from sources used in the discipline.
- Analyse the purpose, language and features of academic, disciplinary and professional genres.
- Critically evaluate information and ideas from academic, disciplinary and professional sources.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply academic referencing conventions accurately and appropriately.
- Apply reasoning to formulate and support a position or argument.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

e-Portfolio and Reflections

Due: **Weeks 1-13**

Weighting: **20%**

This task is designed to allow you to reflect on and to showcase your achievements in ACSC100. It also aims to explore students' understanding of and engagement with the concepts of the unit. It will run over the entire semester, culminating in each student publishing an e-portfolio. The tasks are as follows:

1. Reflection 1, 250 words (5%), due 15/03/2019, 5pm
2. Reflection 2, 250 words (5%), due 10/05/2019, 5pm
3. Reflection 3, 250 words (5%), due 07/06/2019, 5pm
4. e-Portfolio, no word-length requirement (5%), due 07/06/2019, 5pm

On successful completion you will be able to:

- Demonstrate an ability to interpret and apply concepts from sources used in the discipline.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Delivery and Resources

Please note that tutorials begin in Week 1.

Attendance

ACSC100 incorporates lectures that are pre-recorded and posted the the ACSC100 iLearn on a weekly basis, and a weekly face-to-face, 2 hour tutorial. Students are expected to attend all tutorials, as failure to do so is likely to impact on assignment marks. In particular, students must attend all draft submission tutorials, which will involve peer review of draft assignments, and student group oral presentations dates.

Expectations

Students are expected to submit all assignments. They are also expected carry out extensive reading and to bring draft copies of assignments to tutorials for evaluation, editing and feedback.

Failure to bring a draft copy of each assignment to the relevant tutorial for peer review may result in a 10% reduction in the final mark for the assignment.

Text book

ACSC100 has a set text book: Brick, J, Herke, M & Wong, D 2016, *Academic Culture: A student's guide to studying at university*, 3rd edn, Melbourne: Palgrave Macmillan.

Unit Schedule

Please visit the ACSC100 iLearn for the full lecture schedule.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Grade Appeal Policy](#)
- [Complaint Management Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

Undergraduate students seeking more policy resources can visit the [Student Policy Gateway](#) ([htt](#)

[ps://students.mq.edu.au/support/study/student-policy-gateway](https://students.mq.edu.au/support/study/student-policy-gateway)). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/study/getting-started/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to improve your marks and take control of your study.

- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

Student Services and Support

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#).

The policy applies to all who connect to the MQ network including students.

Graduate Capabilities

Creative and Innovative

Our graduates will also be capable of creative thinking and of creating knowledge. They will be imaginative and open to experience and capable of innovation at work and in the community. We want them to be engaged in applying their critical, creative thinking.

This graduate capability is supported by:

Learning outcomes

- Critically evaluate information and ideas from academic, disciplinary and professional sources.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply reasoning to formulate and support a position or argument.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Assessment tasks

- Oral Presentation
- Persuasive Texts
- e-Portfolio and Reflections

Capable of Professional and Personal Judgement and Initiative

We want our graduates to have emotional intelligence and sound interpersonal skills and to demonstrate discernment and common sense in their professional and personal judgement. They will exercise initiative as needed. They will be capable of risk assessment, and be able to handle ambiguity and complexity, enabling them to be adaptable in diverse and changing environments.

This graduate capability is supported by:

Learning outcomes

- Demonstrate an ability to interpret and apply concepts from sources used in the discipline.
- Analyse the purpose, language and features of academic, disciplinary and professional genres.
- Critically evaluate information and ideas from academic, disciplinary and professional sources.

- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply academic referencing conventions accurately and appropriately.
- Apply reasoning to formulate and support a position or argument.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Assessment tasks

- Persuasive Texts
- e-Portfolio and Reflections

Commitment to Continuous Learning

Our graduates will have enquiring minds and a literate curiosity which will lead them to pursue knowledge for its own sake. They will continue to pursue learning in their careers and as they participate in the world. They will be capable of reflecting on their experiences and relationships with others and the environment, learning from them, and growing - personally, professionally and socially.

This graduate capability is supported by:

Learning outcomes

- Read efficiently to gather specific information and ideas from discipline-specific sources.
- Demonstrate an ability to interpret and apply concepts from sources used in the discipline.
- Analyse the purpose, language and features of academic, disciplinary and professional genres.
- Critically evaluate information and ideas from academic, disciplinary and professional sources.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply academic referencing conventions accurately and appropriately.
- Apply reasoning to formulate and support a position or argument.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Discipline Specific Knowledge and Skills

Our graduates will take with them the intellectual development, depth and breadth of knowledge, scholarly understanding, and specific subject content in their chosen fields to make them competent and confident in their subject or profession. They will be able to demonstrate, where relevant, professional technical competence and meet professional standards. They will be able

to articulate the structure of knowledge of their discipline, be able to adapt discipline-specific knowledge to novel situations, and be able to contribute from their discipline to inter-disciplinary solutions to problems.

This graduate capability is supported by:

Learning outcomes

- Read efficiently to gather specific information and ideas from discipline-specific sources.
- Demonstrate an ability to interpret and apply concepts from sources used in the discipline.
- Analyse the purpose, language and features of academic, disciplinary and professional genres.
- Critically evaluate information and ideas from academic, disciplinary and professional sources.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply academic referencing conventions accurately and appropriately.
- Apply reasoning to formulate and support a position or argument.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Assessment tasks

- Information Synthesis
- Oral Presentation
- Persuasive Texts
- e-Portfolio and Reflections

Critical, Analytical and Integrative Thinking

We want our graduates to be capable of reasoning, questioning and analysing, and to integrate and synthesise learning and knowledge from a range of sources and environments; to be able to critique constraints, assumptions and limitations; to be able to think independently and systemically in relation to scholarly activity, in the workplace, and in the world. We want them to have a level of scientific and information technology literacy.

This graduate capability is supported by:

Learning outcomes

- Read efficiently to gather specific information and ideas from discipline-specific sources.
- Demonstrate an ability to interpret and apply concepts from sources used in the discipline.
- Analyse the purpose, language and features of academic, disciplinary and professional

genres.

- Critically evaluate information and ideas from academic, disciplinary and professional sources.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply academic referencing conventions accurately and appropriately.
- Apply reasoning to formulate and support a position or argument.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Assessment tasks

- Information Synthesis
- Oral Presentation
- Persuasive Texts

Problem Solving and Research Capability

Our graduates should be capable of researching; of analysing, and interpreting and assessing data and information in various forms; of drawing connections across fields of knowledge; and they should be able to relate their knowledge to complex situations at work or in the world, in order to diagnose and solve problems. We want them to have the confidence to take the initiative in doing so, within an awareness of their own limitations.

This graduate capability is supported by:

Learning outcomes

- Read efficiently to gather specific information and ideas from discipline-specific sources.
- Demonstrate an ability to interpret and apply concepts from sources used in the discipline.
- Analyse the purpose, language and features of academic, disciplinary and professional genres.
- Critically evaluate information and ideas from academic, disciplinary and professional sources.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply academic referencing conventions accurately and appropriately.
- Apply reasoning to formulate and support a position or argument.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Assessment task

- Persuasive Texts

Effective Communication

We want to develop in our students the ability to communicate and convey their views in forms effective with different audiences. We want our graduates to take with them the capability to read, listen, question, gather and evaluate information resources in a variety of formats, assess, write clearly, speak effectively, and to use visual communication and communication technologies as appropriate.

This graduate capability is supported by:

Learning outcomes

- Read efficiently to gather specific information and ideas from discipline-specific sources.
- Demonstrate an ability to interpret and apply concepts from sources used in the discipline.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply academic referencing conventions accurately and appropriately.
- Apply reasoning to formulate and support a position or argument.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Assessment tasks

- Information Synthesis
- Oral Presentation
- Persuasive Texts
- e-Portfolio and Reflections

Engaged and Ethical Local and Global citizens

As local citizens our graduates will be aware of indigenous perspectives and of the nation's historical context. They will be engaged with the challenges of contemporary society and with knowledge and ideas. We want our graduates to have respect for diversity, to be open-minded, sensitive to others and inclusive, and to be open to other cultures and perspectives: they should have a level of cultural literacy. Our graduates should be aware of disadvantage and social justice, and be willing to participate to help create a wiser and better society.

This graduate capability is supported by:

Learning outcomes

- Critically evaluate information and ideas from academic, disciplinary and professional

sources.

- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Apply academic referencing conventions accurately and appropriately.
- Plan and produce texts to reflect academic and disciplinary standards.
- Engage in independent and collaborative learning activities.

Assessment tasks

- Information Synthesis
- Oral Presentation

Socially and Environmentally Active and Responsible

We want our graduates to be aware of and have respect for self and others; to be able to work with others as a leader and a team player; to have a sense of connectedness with others and country; and to have a sense of mutual obligation. Our graduates should be informed and active participants in moving society towards sustainability.

This graduate capability is supported by:

Learning outcomes

- Critically evaluate information and ideas from academic, disciplinary and professional sources.
- Express ideas using appropriate language and structure for academic and professional purposes in written and/or oral texts.
- Engage in independent and collaborative learning activities.

Assessment tasks

- Information Synthesis
- Oral Presentation
- e-Portfolio and Reflections

Changes since First Published

Date	Description
11/02/2019	Assessment Due date for Reflection 3 in Assessment 4 was changed to the 07-06-2019 to tie in with the submission of the ePortfolio.