Science Medicine and Health

SCIE102: International Perspectives in Science

Subject Outline
Autumn, 2017
Flexible
Wollongong

Subject Information
Credit Points: 6
Pre-requisite(s): Nil
Co-requisite(s): Nil
Restrictions: Available only to students in the International BSc (Hons)
Contact Hours: 2hrs Lecture/Video Conference per week.

Subject Contacts

Subject Coordinator/Lecturer

<table>
<thead>
<tr>
<th>Name:</th>
<th>A/Prof Sibylle Schwab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location:</td>
<td>Building 41, Room 174</td>
</tr>
<tr>
<td>Telephone:</td>
<td>61 2 4221 5816</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:sibylle_schwab@uow.edu.au">sibylle_schwab@uow.edu.au</a></td>
</tr>
<tr>
<td>Consultation mode and times:</td>
<td>Email for appointment</td>
</tr>
</tbody>
</table>

Student Support and Advice

For general enquiries please contact the StudentHub 41:

Location: 41.138B
Telephone: 61 2 4221 3492
Email: smah-students@uow.edu.au
# Table of Contents

Section A: General Information ................................................................. 3  
  Subject Learning Outcomes ................................................................. 3  
  Subject Description .............................................................................. 3  
  Readings, References and Materials .................................................... 3  
    Textbooks ......................................................................................... 3  
    Prescribed Readings (includes eReadings) ............................................. 3  
    Materials .......................................................................................... 3  
    Recommended Readings .................................................................... 3  
  Recent Changes to this Subject ............................................................ 3  
  Schedule of Learning* .......................................................................... 3  
Section B: Assessment ........................................................................... 4  
  Assessment Summary .......................................................................... 5  
  Details of Assessment Tasks ................................................................. 5  
  Minimum Requirements for a Pass in this Subject ............................... 6  
    Minimum Student Attendance and Participation ............................... 6  
  Scaling ................................................................................................ 6  
  Late Submission .................................................................................. 6  
    Late Submission Penalty .................................................................. 6  
  Supplementary Assessments................................................................. 6  
  System of Referencing Used for Written Work ..................................... 6  
  Submission of Assessments ................................................................. 7  
  Assessment Return ............................................................................. 7  
Section C: General Advice ...................................................................... 8  
  Student Consultation and Communication ......................................... 8  
  eLearning Space .................................................................................. 8  
  Use of Internet Sources ....................................................................... 8  
  Lecture, Tutorial, Laboratory Times .................................................... 9  
  Extraordinary Changes for the Subject after Release of the Subject Outline ......................................................................................... 9  
  Learning Analytics ............................................................................. 9  
  The Assessment Quality Cycle ............................................................. 9  
  Academic Integrity Policy .................................................................... 9  
  Student Academic Complaints Policy (Coursework or Higher Degree Research) .......................................................... 10  
  Student Support Services and Facilities .............................................. 10  
  Student Etiquette ............................................................................... 10  
  UOW Grade Descriptors .................................................................... 11  
  University Policies ............................................................................ 12  
  Version Control Table ........................................................................ 12
Section A: General Information

Subject Learning Outcomes
On successful completion of this subject, students will be able to:

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1.</td>
<td>Understand the need for a collaborative, interdisciplinary and international approach to problem solving in science</td>
</tr>
<tr>
<td>2.</td>
<td>Understand some of the complex issues surrounding the social context of scientific and technological advances</td>
</tr>
<tr>
<td>3.</td>
<td>Successfully communicate with a group of their peers, both in the same classroom and via video link to a different location</td>
</tr>
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Subject Description
This subject is part of the "Global Science Studies" component of the International Bachelor of Science degree and addresses some of the major topical issues in modern science in the international arena and their impact on our society. It focuses on the importance of a cross-disciplinary approach to problem-solving. The content is presented in modules which provide examples of areas of science that are currently of international interest and importance.

Readings, References and Materials
Textbooks
Nil

Prescribed Readings (includes eReadings)
TBA

Materials
Nil

Recommended Readings
Nil

Recent Changes to this Subject
Nil
## Schedule of Learning*

<table>
<thead>
<tr>
<th>Week</th>
<th>Week Commencing</th>
<th>Lecture</th>
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<tbody>
<tr>
<td>1</td>
<td>27/2/2017</td>
<td>Topic 1</td>
</tr>
<tr>
<td>2</td>
<td>6/3/2017</td>
<td>Topic 2</td>
</tr>
<tr>
<td>3</td>
<td>13/3/2017</td>
<td>Topic 3</td>
</tr>
<tr>
<td>4</td>
<td>20/3/2017</td>
<td>Topic 4</td>
</tr>
<tr>
<td>5</td>
<td>27/3/2017</td>
<td>Group work</td>
</tr>
<tr>
<td>6</td>
<td>3/4/2017</td>
<td>Group work</td>
</tr>
<tr>
<td>7</td>
<td>10/4/2017</td>
<td>Group work</td>
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<p>| | |</p>
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<tr>
<td><strong>Mid-Session Recess 17th April – 21st April</strong></td>
<td></td>
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<tr>
<td>8</td>
<td>24/4/2017</td>
</tr>
<tr>
<td>9</td>
<td>1/5/2017</td>
</tr>
<tr>
<td>10</td>
<td>8/5/2017</td>
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<tr>
<td>11</td>
<td>15/5/2017</td>
</tr>
<tr>
<td>12</td>
<td>22/5/2017</td>
</tr>
<tr>
<td>13</td>
<td>29/5/2017</td>
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<tbody>
<tr>
<td><strong>Study Recess 5th June – 9th June</strong></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td><strong>UOW Exam Period 10th June – 22nd June</strong></td>
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*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

<table>
<thead>
<tr>
<th>Assessment Item</th>
<th>Form of Assessment</th>
<th>Due Date</th>
<th>Return/Feedback Due Dates</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment 1</td>
<td>Weekly Participation</td>
<td>Weekly (03.3.2017; 10.03.2017; 17.03.2017; 24.03.2017)</td>
<td>Within 21 days of due dates</td>
<td>20%</td>
</tr>
<tr>
<td>Assessment 2</td>
<td>Group Assignment</td>
<td>Week 5; Week 6; Week 7</td>
<td>Within 21 days of due date</td>
<td>50%</td>
</tr>
<tr>
<td>Assessment 3</td>
<td>Individual Assignment</td>
<td>26.04.2017</td>
<td>Release of results</td>
<td>30%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total Marks</td>
<td>100%</td>
</tr>
</tbody>
</table>

Details of Assessment Tasks

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

**Assessment 1**  
Weekly participation  
Due Date: 03.3.2017; 10.03.2017; 17.03.2017; 24.03.2017  
Weighting: 20%  
Submission: Submit an electronic copy of your assessment to your lecturer in class via eMail.  
Type of Collaboration: Individual Assessment  
Length: 100 words  
Details: A brief summary of topics discussed during both class times  
Style and format: Class Participation  
Subject Learning Outcomes: 1-3  
Marking Criteria: To be advised in first class of subject

**Assessment 2**  
Group Assignment  
Due Date: Week 5; Week 6; Week 7  
Weighting: 50%  
Submission: Submit an electronic copy of your assessment to your lecturer in class.  
Type of Collaboration: Presentation & Report  
Length: 1-2 pages  
Details: Notes on findings and research for presentation  
Style and format: A case study including literary review of a chosen topic covered in classes  
Subject Learning Outcomes: 1-3  
Marking Criteria: To be advised in first class of subject

**Assessment 3**  
Individual Assignment  
Due Date: TBA  
Weighting: 30%  
Submission: Submit an electronic copy of your assessment to your lecturer in class.  
Type of Collaboration: Individual Assessment  
Length: Maximum of 1500 words, including references  
Details: A case study including literary review of a chosen topic covered in classes  
Style and format: Individual essay  
Subject Learning Outcomes: 1, 2  
Marking Criteria: To be advised in first class of subject
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:

• pass all assessment tasks

Note: This subject will be assessed as satisfactory or unsatisfactory

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 80% 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:

Scaling
Scaling will not occur in this subject.

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:

Late Submission Penalty
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.

No marks will be awarded for work submitted after the assessment has been returned to the students.

Supplementary Assessments
This subject has been identified as unsuitable for supplementary assessment, and no supplementary assessment will be offered.

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:
http://uowblogs.com/moodlelab/files/2013/05/Moodle_StudentGuide-1petpo7.pdf

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.
Timetable information can be accessed from
Key University Dates can be accessed from

Flexible Delivery: (if relevant)
Dates for study days and weeks will be listed online. 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.

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

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:
- design of the assessment suite and individual assessment tasks;
- marking of individual assessment tasks;
- finalisation of subject marks and grades; and
- 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](http://www.uow.edu.au/student/services/index.html)

**Student Etiquette**
# UOW Grade Descriptors

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

<table>
<thead>
<tr>
<th>Grade</th>
<th>Mark %</th>
<th>Descriptor</th>
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<tbody>
<tr>
<td>High</td>
<td></td>
<td><strong>Distinction</strong> (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):</td>
</tr>
</tbody>
</table>
|           | 85-100 | • 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 | 75-84  | **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    | 65-74  | **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      | 50-64  | **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      | <50    | **F** is given for performance that does not provide sufficient evidence of attainment of the relevant subject learning outcomes.  |
| 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** is awarded for performance that demonstrates a satisfactory level of attainment of the relevant subject learning outcomes.  |
| Unsatisfactory |        | **U** is awarded for performance that demonstrates an unsatisfactory level of attainment of the relevant subject learning outcomes.  |
| Excellent |        | **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  
University Policies

Students should be familiar with the following University policies:

   a. Code of Practice – Teaching and Assessment - Teaching

   b. Teaching and Assessment: Assessment and Feedback Policy

   c. Teaching and Assessment: Subject Delivery Policy

   d. Student Charter

   e. Academic Integrity and Plagiarism Policy

   f. Student Academic Consideration Policy

   g. Course Progress Policy

   h. Copyright Policy

   i. Inclusive Language Policy

   j. Intellectual Property Policy

   k. Student Conduct Rules and accompanying Procedures or Research Misconduct Policy for
      research students

Version Control Table

<table>
<thead>
<tr>
<th>Version Control</th>
<th>Release Date</th>
<th>Author/Reviewer</th>
<th>Approved By</th>
<th>Amendment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>20161121</td>
<td>Dr Sibylle Schwab – Subject Coordinator</td>
<td>Sonia Losinno – ADE Nominee</td>
<td>Final SCIE102 Autumn 2017 Subject Outline</td>
</tr>
</tbody>
</table>