# What Can I Study Guide



Undergraduate Study Guide

### Introduction

The What Can I Study guide highlights popular and unique subjects, subjects by study area, research subjects, and internships for academic credit that are available to **undergraduate** study abroad and exchange students at the University of Melbourne.

The full range of options of classes can be explored in the <u>University's handbook</u>. The University of Melbourne offers more than <u>1,300 undergraduate subjects</u> available to study abroad and exchange students. Of these, over <u>500 subjects</u> are 'preapproved', without any prerequisites for enrolment.

Contact the Global Learning office by <u>submitting an enquiry</u> or on +61 3 8344 7452 with any questions about information in this guide.

#### Tips for searching the handbook:

| ✓        | Search for subjects. (Courses refer to degrees in Australia)   |
|----------|--|
| <b>√</b> | Use the advanced filter to search for subjects available to study abroad and exchange students. Other filters include subjects without prerequisites, academic discipline and semester offered.  |
| <b>√</b> | The "Further Information" section of each subject handbook entry always indicates if a subject is available to study abroad and exchange students.   |
| <b>√</b> | Breadth tracks are a thematic grouping of subjects that can help identify classes by topic. Students can select one or more subjects in a breadth track.   |
| ✓        | Semester 1 is from late February to end of June; Semester 2 is from late July to mid-November.   |
| <b>✓</b> | Bachelor's degrees at the University of Melbourne are three years full-time. The undergraduate level of a subject appears underneath the subject title. Level 1 is introductory, Level 2 intermediate and Level 3 advanced. The subject code also gives an indication of the level.  |
| <b>√</b> | The eligibility and requirements section will note any prerequisites and quotas. Students may need to provide evidence of their studies to meet prerequisites. Access to subjects with quotas that are available to study abroad and exchange students is determined on a first come basis.                                |
| <b>√</b> | Most subjects are worth 12.5 UoM credit points. International students must be enrolled in a fulltime load, which for incoming study abroad students is a minimum of 37.5 credit points (usually three subjects), up to a maximum of 50 points (usually 4 subjects).   |
| <b>✓</b> | The handbook is published in late October or early November for the upcoming academic year, which corresponds to the forthcoming calendar year. The current year handbook and previous versions help indicate the likelihood of a subject being available in the upcoming academic year and the semester(s) it is offered. |

## Popular & Unique Subjects

Featured here are popular and unique units of study, called subjects in Australia, for undergraduate study abroad and exchange students at the University of Melbourne.

#### Notes

- Semester 1 is from late February to end of June. Semester 2 is from late July to mid-November. See the full academic calendar <u>here</u>).
- Click on the subject code to link to details in the University handbook.
- > Subjects with an asterisk (\*) indicate a subject with fieldwork or placement.

| Australia                               |                  |                   |                      |
|---|------------------|-------------------|----------------------|
| Subject title                           | Subject code     | Semesters Offered | Prerequisites/Quotas |
| Applied Ecology*                        | ECOL30005        | 2                 | Prerequisites        |
| Art and Indigenous Voice                | AIND10004        | 2                 | N                    |
| Australian Art                          | AHIS20002        | 1                 | N                    |
| Australian Film and Television          | SCRN20013        | 2                 | N                    |
| Australian Foreign Policy               | POLS30019        | 2                 | N                    |
| Australian Indigenous Politics          | MULT20008        | 2                 | N                    |
| Australian Politics                     | POLS10001        | 2                 | N                    |
| Australian Wildlife Biology             | <u>ZOOL20004</u> | 1                 | N                    |
| Biology of Australian Flora and Fauna   | BIOL10001        | 2                 | N                    |
| Contemporary Aboriginal Art             | AHIS30005        | 2                 | N                    |
| Controversies in Australian History     | HIST30064        | 1                 | N                    |
| Fire in the Australian Landscape*       | FRST20015        | 2                 | Prerequisites        |
| Indigenous Art and Changing the Nation  | AIND20011        | 2                 | N                    |
| Indigenous Australia                    | INDG10001        | 1                 | N                    |
| Indigenous Cultural Heritage            | <u>INDG30002</u> | 1                 | N                    |
| Indigenous History                      | HIST20088        | 2                 | N                    |
| Indigenous Treaties and Titles          | INDG20001        | 1                 | N                    |
| History of Landscape Design             | LARC30002        | 2                 | Prerequisites        |
| Language in Aboriginal Australia        | LING20009        | 1                 | N                    |
| Sport, Education and the Media          | EDUC20068        | 1 & 2             | N                    |
| The Australian Imaginary                | ENGL20009        | 1                 | N                    |
| Tropical Field Ecology*                 | <u>ZOOL30009</u> | 2                 | Prerequisites/Quotas |
| The Making of Melbourne*                | <u>UNIB10023</u> | 2                 | N                    |
| Understanding Australian Media          | MECM20006        | 1                 | N                    |
| Vegetation Management and Conservation* | BOTA30004        | 2                 | Prerequisites/Quotas |
| Writing Australia                       | CWRI40014        | 2                 | Prerequisites        |
| Australian Surfing*                     | <u>UNIB10028</u> | 1                 | N                    |

| Artificial Intelligence |              |                   |                      |
|-------------------------|--------------|-------------------|----------------------|
| Subject                 | Subject code | Semesters Offered | Prerequisites/Quotas |
| AI, Ethics and the Law  | LAWS10009    | 2                 | N                    |
| Artificial Intelligence | COMP30024    | 1                 | Prerequisites        |

| Exploring Digital Realities              | HPSC30038 | 2 | N |
|--|-----------|---|---|
| Science & Engineering in Popular Culture | MULT30023 | 2 | N |
| Technology & Contemporary Life           | HPSC20009 | 1 | N |

| Business and Economics              |              |                   |                      |  |
|-------------------------------------|--------------|-------------------|----------------------|--|
| Subject title                       | Subject code | Semesters Offered | Prerequisites/Quotas |  |
| Advertising and Promotions          | MKTG30010    | 2                 | Prerequisites        |  |
| Brand Management                    | MKTG20006    | 1                 | Prerequisites        |  |
| Consumer Behaviour                  | MKTG20001    | 2                 | Prerequisites        |  |
| Cost Management                     | ACCT20001    | 1 & 2             | Prerequisites        |  |
| Derivative Securities               | FNCE30007    | 1 & 2             | Prerequisites        |  |
| Econometrics 1                      | ECOM20001    | 1 & 2             | Prerequisites        |  |
| Globalisation and the World Economy | ECON20007    | 2                 | Prerequisites        |  |
| International Finance               | FNCE30003    | 2                 | Prerequisites        |  |
| Investments                         | FNCE30001    | 1 & 2             | Prerequisites        |  |
| Managing For Competitive Advantage  | MGMT30013    | 1                 | Prerequisites        |  |
| Managing People at Work             | MGMT20004    | 1                 | N                    |  |
| Principles of Management            | MGMT10002    | 1 & 2             | N                    |  |
| Principles of Marketing             | MKTG10001    | 1 & 2             | N                    |  |
| Organisational Behaviour            | MGMT20001    | 1 & 2             | N                    |  |

| Communication and Media       |              |                   |                      |
|-------------------------------|--------------|-------------------|----------------------|
| Subject                       | Subject code | Semesters Offered | Prerequisites/Quotas |
| Advertising and Media         | MECM20015    | 2                 | N                    |
| Internet Communication        | MECM20003    | 2                 | N                    |
| Intercultural Communication   | LING10002    | 1                 | N                    |
| Digital and Mobile Journalism | MECM30017    | 2                 | Prerequisites        |
| Marketing Communications      | MECM30013    | 1                 | N                    |
| Text and Audio Journalism     | MECM20013    | 1                 | N                    |

| Education                                 |              |                   |                      |  |
|---|--------------|-------------------|----------------------|--|
| Subject                                   | Subject code | Semesters Offered | Prerequisites/Quotas |  |
| Learning via Sport and Outdoor Education* | EDUC20070    | 1 & 2             | N                    |  |
| School Experience as Breadth*             | EDUC20080    | 1 & 2             | Prerequisites/Quotas |  |
| Wellbeing, Motivation and Performance     | EDUC10057    | 1                 | N                    |  |

| Environment and Sustainability |                  |                   |                      |  |
|--------------------------------|------------------|-------------------|----------------------|--|
| Subject                        | Subject code     | Semesters Offered | Prerequisites/Quotas |  |
| Food for a Healthy Planet      | <u>UNIB10009</u> | 1                 | N                    |  |
| Introduction to Climate Change | <u>UNIB10007</u> | 2                 | N                    |  |
| Sustainable Development        | GEOG30019        | 1                 | N                    |  |
| Our Planet, Our Health         | MULT10022        | 2                 | N                    |  |

| Health                             |              |          |                      |
|------------------------------------|--------------|----------|----------------------|
| Subject                            | Subject code | Semester | Prerequisites/Quotas |
| Biochemistry and Molecular Biology | BCMB20002    | 1 & 2    | Prerequisites        |

| Frontiers in Veterinary Science | <u>VETS20019</u> | 1     | Prerequisites |
|---------------------------------|------------------|-------|---------------|
| Human Physiology                | PHYS20008        | 1 & 2 | Prerequisites |
| Perception, Illusions and Art   | OPTO20004        | 1     | N             |

| International Relations and Politics                    |           |   |   |  |  |
|---|-----------|---|---|--|--|
| Subject code   Semesters Offered   Prerequisites/Quotas |           |   |   |  |  |
| International Gender Politics                           | POLS30015 | 1 | N |  |  |
| Politics and the Media                                  | POLS20026 | 1 | N |  |  |
| Terrorism: Shifting Paradigms                           | CRIM30015 | 2 | N |  |  |
| Gender, Sexuality, Power: Key Theories                  | GEND20001 | 2 | N |  |  |
| Israelis & Palestinians: Conflict, Peace                | JEWI20006 | 2 | N |  |  |

| Law                              |              |                   |                      |  |
|----------------------------------|--------------|-------------------|----------------------|--|
| Subject                          | Subject code | Semesters Offered | Prerequisites/Quotas |  |
| Crime, Criminology, and Critique | CRIM10001    | 1                 | N                    |  |
| Principles of Business Law       | BLAW10001    | 1 & 2             | N                    |  |
| Sport and the Law                | LAWS20011    | 2                 | N                    |  |
| Public Trials                    | LAWS30024    | 2                 | N                    |  |

| Music                                   |              |          |                      |
|---|--------------|----------|----------------------|
| Subject                                 | Subject code | Semester | Prerequisites/Quotas |
| Making Music for Film and Animation 1   | MUSI10179    | 2        | N                    |
| Music Psychology                        | MUSI20149    | 1        | N                    |
| The Business of Music                   | MUSI20206    | 1 & 2    | N                    |
| Playing in a Band: Music & Young People | EDUC10058    | 1        | Quotas               |
| Music, Mind & Wellbeing                 | MUSI20225    | 2        | N                    |

| Psychology                           |              |                   |                      |  |  |
|--------------------------------------|--------------|-------------------|----------------------|--|--|
| Subject                              | Subject code | Semesters Offered | Prerequisites/Quotas |  |  |
| Biological Psychology                | PSYC20006    | 1                 | N                    |  |  |
| Cognitive Psychology                 | PSYC20007    | 2                 | N                    |  |  |
| Developmental Psychology             | PSYC20008    | 1                 | N                    |  |  |
| Development of the Thinking Child    | PSYC30019    | 2                 | N                    |  |  |
| Personality and Social Psychology    | PSYC20009    | 2                 | N                    |  |  |
| The Integrated Brain                 | PSYC30020    | 2                 | N                    |  |  |
| The Psychopathology of Everyday Life | PSYC30014    | 1                 | N                    |  |  |

| Public Health                            |              |                   |                      |  |  |
|--|--------------|-------------------|----------------------|--|--|
| Subject                                  | Subject code | Semesters Offered | Prerequisites/Quotas |  |  |
| Real World Epidemiology                  | POPH30003    | 1                 | N                    |  |  |
| Ethics and Equity in Health and Medicine | POPH30004    | 1                 | N                    |  |  |
| Communicating for Health, not Harm       | POPH30005    | 2                 | Prerequisites        |  |  |
| Medical Microbiology: Virology           | MIIM30014    | 2                 | Prerequisites        |  |  |
| Medical Microbiology: Parasitology       | MIIM30017    | 2                 | Prerequisites        |  |  |
| Monitoring Food and Nutrition Intake     | NUTR30002    | 1                 | Prerequisites        |  |  |
| Mechanisms of Human Disease              | PATH30001    | 1                 | Prerequisites        |  |  |

| Drugs: From Discovery to Market      | PHRM30008 | 2 | Prerequisites |
|--------------------------------------|-----------|---|---------------|
| The Psychopathology of Everyday Life | PSYC30014 | 1 | N             |

| Science                              |              |                   |                      |
|--------------------------------------|--------------|-------------------|----------------------|
| Subject                              | Subject code | Semesters Offered | Prerequisites/Quotas |
| Biotechnology                        | BTCH20002    | 2                 | Prerequisites        |
| Blue Planet-Intro to Marine Biology* | EVSC20004    | 1                 | Prerequisites        |
| Data Analysis 1                      | MAST10010    | 2                 | Prerequisites        |
| Foundations of Computing             | COMP10001    | 1 & 2             | N                    |
| Game Design                          | INFO30009    | 1                 | Prerequisites        |
| Linear Algebra                       | MAST10007    | 1 & 2             | Prerequisites        |
| Principles of Neuroscience           | NEUR30003    | 1                 | Prerequisites        |

| Unique study experiences                |                  |          |                      |
|---|------------------|----------|----------------------|
| Subject                                 | Subject code     | Semester | Prerequisites/Quotas |
| Beer Styles and Sensory Analysis        | FOOD1001         | 1        | Quotas               |
| Drugs That Shape Society                | <u>UNIB20008</u> | 2        | N                    |
| Going Places - Travelling Smarter       | ARTS20002        | 1 & 2    | N                    |
| Street Art*                             | CCDP20001        | 1 & 2    | N                    |
| The History of Cool: Fashion & Attitude | DPSS10007        | 2        | N                    |
| Popular Culture: From K-pop to Selfies  | CULS20018        | 1        | N                    |
| Stand Up and Be Funny                   | PERF20001        | 1        | Quotas               |

## Subjects by Study Area

Click on the study area to explore the University handbook with subjects available in the academic discipline to undergraduate study abroad and exchange students.

| Agriculture and Veterinary Science |                |              |                    |  |
|------------------------------------|----------------|--------------|--------------------|--|
| Agriculture                        | Animal Science | Food Science | Veterinary Science |  |

| Architecture and Design   |                                     |              |                |
|---------------------------|-------------------------------------|--------------|----------------|
| Architecture              | Architecture, Building and Planning | Construction | Graphic Design |
| Landscape<br>Architecture | Planning                            | Property     |                |

| Business and Economics |                          |              |           |  |
|------------------------|--------------------------|--------------|-----------|--|
| Accounting             | <b>Actuarial Studies</b> | Econometrics | Economics |  |
| Finance                | Management               | Marketing    |           |  |

| Education |  |  |
|-----------|--|--|
| Education |  |  |

| Engineering and Information Technology |                        |                              |                  |  |
|--|------------------------|------------------------------|------------------|--|
| Biomedical<br>Engineering              | Chemical Engineering   | Civil Engineering            | Computer Science |  |
| Electrical Engineering                 | Engineering (General)  | Environmental<br>Engineering | Geomatics        |  |
| Informatics and Information Systems    | Mechanical Engineering | Software Engineering         |                  |  |

### **Fine Arts and Music**

Subjects for students not working towards a major or degree in Fine Arts or Music (these are called 'breadth' subjects)

Subjects for students enrolled in a major or degree in creative arts practice

| Health                            |                                       |                                 |                              |  |
|-----------------------------------|---------------------------------------|---------------------------------|------------------------------|--|
| Anatomy                           | Biochemistry and<br>Molecular Biology | Cell and Development<br>Biology | Genetics                     |  |
| Human Nutrition                   | Microbiology and Immunology           | Neurosciences                   | Optometry and Vision Science |  |
| Pathology                         | Pharmacology                          | Physiology                      | Psychology                   |  |
| Public Health and<br>Epidemiology |                                       |                                 |                              |  |

### Interdisciplinary

Interdisciplinary

| International Relations and Public Affairs    |                                |
|---|--------------------------------|
| International Relations and Political Science | Public Policy & Administration |

| Language and Area Studies |               |                   |                                    |  |
|---------------------------|---------------|-------------------|------------------------------------|--|
| Arabic                    | Asian Studies | Chinese           | European Studies                   |  |
| French                    | German        | Hebrew            | Indonesian                         |  |
| Islamic Studies           | Italian       | Japanese          | Japanese Jewish Studies            |  |
| <b>Korean Studies</b>     | Russian       | Spanish and Latin | Spanish and Latin American Studies |  |

| Law and Criminology |             |
|---------------------|-------------|
| <u>Law</u>          | Criminology |

| Liberal Arts                      |                    |                                     |                        |
|-----------------------------------|--------------------|-------------------------------------|------------------------|
| Ancient World                     | Anthropology       | Classics                            | Creative Writing       |
| <b>Cultural Studies</b>           | English            | <b>Gender Studies</b>               | History                |
| History and Philosophy of Science | Indigenous Studies | Linguistics and Applied Linguistics | Media & Communications |
| Philosophy                        | Screen Studies     | Sociology                           |                        |

### Science

| Atmosphere and | Biology        | Biotechnology | Botany                              |
|----------------|----------------|---------------|-------------------------------------|
| Ocean Studies  |                |               |                                     |
| Chemistry      | Earth Sciences | Ecology       | <b>Environmental Science</b>        |
| Forest Science | Geography      | Geology       | <b>Mathematics &amp; Statistics</b> |
| Marine Biology | Physics        | Zoology       |                                     |
| Warine Biology | Physics        | Zoology       |                                     |

## Sustainability Subjects

At the University of Melbourne, undergraduate students can engage with sustainability-focused courses that align with the university's <u>sustainable development goals (SDGs)</u>. These courses vary in their emphasis on goals such as ending poverty, promoting health and education, achieving gender equality, supporting renewable energy, enhancing infrastructure, and addressing climate change. Students interested in exploring these topics further can find specific details on the university's <u>What Can I Study Guide – Sustainability</u>.

| Sustainable Development                 |                  |                   |                      |
|---|------------------|-------------------|----------------------|
| Subject                                 | Subject code     | Semesters Offered | Prerequisites/Quotas |
| Sustainable Management of Design Assets | PROP30002        | 2                 | Prerequisites        |
| Architectural Technology                | ABPL20033        | 1&2               | Prerequisites        |
| A History of Sexualities                | HIST30004        | 1                 | N                    |
| Indigenous Australia                    | INDG10001        | 1                 | N                    |
| Thinking Tools for Wicked Problems      | <u>UNIB10019</u> | 2                 | N                    |
| Past Climates: Icehouse to Greenhouse   | ERTH20003        | 2                 | N                    |

### **Research Subjects**

The University offers the following supervised research subjects available to undergraduate study abroad and exchange students.

- <u>Biomedical Science Research Project (BIOM30003)</u> anatomy and cell biology, microbiology and immunology, biochemistry and molecular, pathology, pharmacology, and physiology. [Application Form]
- Engineering for students with a significant study of engineering:
  - Biomedical Engineering Capstone Project (BMEN90018) [one year duration]
  - o Capstone Project A (MCEN90036) [one semester duration]
  - o <u>Chemical Engineering Minor Research Project (CHEN90026)</u> [one year duration]
  - o <u>Chemical Engineering Research Project (CHEN90023)</u> [one year duration]
  - o Electrical Engineering Research Project (ELEN90083) [one semester duration]
  - o <u>Engineering Capstone Project Part 1 (ENGR90037)</u> and <u>Part 2 (ENGR90038)</u> [each one semester duration]
- <u>Science Research Project (SCIE30001)</u> botany, chemistry, earth sciences, vision science and zoology. [<u>Application Form</u>]

#### Application process (for research subjects)

- Students are required to identify a supervisor and research project beforehand and are not assigned one.
- Biomedicine, Land and Environment, and Science research subjects require a separate application in addition to their
  application to the Global Learning study abroad and exchange program. (See above for application form). Engineering
  research subjects do not require an additional application.
- All students seeking to enrol in a research subject are required to submit evidence of a Melbourne academic willing to serve
  as their supervisor as part their application to the Global Learning office email or letter of support).
- There is normally a quota restriction on how many students can be enrolled in a research subject.
- Supervisors may prioritise University of Melbourne degree students over visiting study abroad and exchange students.
- Students at Melbourne only for a semester must be very proactive in the semester prior to the arrival in Melbourne to identify potential supervisors and gain approval for a research subject. Year-long visiting students have the advantage to become familiar with research projects during their first semester and pursue a research subject in their second semester.

#### Tips for obtaining a research supervisor

- Successful applicants must have a background in their research area and excellent results in a relevant discipline.
- Start early. It may take up to a few months to identify and secure endorsement from a research supervisor.
- Carefully read the research subject handbook entry and faculty website to determine which research subject is the best fit
  based on the disciplines listed. The University handbook links listed above provide contact details of research subject
  coordinators.
- Use the <u>Find an Expert</u> portal to identify potential supervisors.
- Search the faculty websites to identify research projects and Melbourne academics. These include:
  - o Faculty of Engineering and Information Technology research
  - o Faculty of Medicine, Dentistry and Health Sciences research
  - o Faculty of Science research (including land and environment)
- When contacting an academic:
  - o Identify yourself as a future or current study abroad exchange student and note the duration of your studies at Melbourne (one or two semester). This will help clarify that you are not a degree student at the University.
  - Outline your research interests and how they align to the academic's research. Demonstrate your familiarity with their work.
  - Attach a transcript and a resume with any relevant experience. References (called referees in Australia) are not necessary but may be requested by the academic subsequently.
  - o Keep your communication brief and be patient. Academics receive a high volume of supervisor requests, amidst the demands of conducting research, teaching, and grading assessments.
  - o Reach out to more than one academic if your research interests are relevant to their work.

### **Internship Subjects**

The University offers the following undergraduate internships for academic credit:

- Arts Internship (MULT20010): Liberal arts, humanities and social sciences for students enrolled in majors that are the equivalent to majors in the Bachelor of Arts at the University of Melbourne.
- <u>Arts Internship: Not for Profit (MULT20012):</u> provides student with an understanding of the community sector and community development through a substantial volunteer experience. Students are required to apply for permission to enrol into this subject prior to commencement of the internship.
- <u>Public Affairs Internship (POLS30003)</u>: students will have active experience working for a senior person with a policy making and/or management role in a government, non-government, or community-based organisation. Students must meet the academic prerequisite. There is limited availability due to quotas.
- <u>Science and Technology Internship (SCIE30002)</u>: for students enrolled in majors that are the equivalent to majors in the <u>Bachelor of Science</u> at the University of Melbourne.
- Sociology Internship (SOCI30005): student undertakes a sociological research project or prepares a portfolio of work in an organization outside the university, such as a trade union, social movement, women's organisation, social service provider, government or non-government organisation or business organisation. Students must meet the academic prerequisite. There is limited availability due to quotas.

#### Comments

- Students are responsible for sourcing the host organization for an internship. Internship providers must be secured at least four weeks before the start of the semester at the University of Melbourne.
- Students should rely on internet searches and the Career Centre at their home institution for guidance to identify businesses, government office and non-profits in Melbourne to identify internship hosts. (<a href="https://www.seek.com.au">https://www.seek.com.au</a> is a major Australian career search engine that may help identify organisations).
- The University of Melbourne internship subject coordinator, accessed through the links above, may also have suggestions for potential internship hosts.
- For the Science and Technology internships, students having problems finding a placement should contact the University of Melbourne Careers and Industry team in the Faculty of Science at science-industry-internships@unimelb.edu.au.
- For the Arts Internships, Arts Non-Profit and Arts Public Affairs internships, students need to apply via the <u>online application</u> form. Applications will be reviewed in three rounds.
  - o Round 1 (Summer and Semester 1 availability): closing 31 October
  - o Round 2 (Semester 1 availability): closing 31 January

### **More Information**

- Melbourne Global Instagram Account
- Inbound Study Abroad & Exchange Blog
- Study Abroad & Exchange Home Page
- Study Abroad & Exchange Brochure
- University Home Page
- Support Services
- Visa Information
- Cost of Living

