

Environment and Agriculture

Courses (Vic, Tas, ACT)

2017

This document has been developed to assist students and parents in researching undergraduate environment and agriculture courses. It isn't an exhaustive list, and students are encouraged to research their options and to attend tertiary information seminars throughout the year.

Exploring courses

You can search the state-based Tertiary Admission Centre websites for information about courses. Please be aware that this information is for the **2017 selection period** and some **courses may change in 2018**. **ATARs are for the 2017 selection period and may rise or fall in the 2018 selection period**. Please only use them as a guide. To search for Victorian courses, use the Victorian Tertiary Admission Centre (VTAC) course search function at <http://www.vtac.edu.au/>

Key websites

Guide to Environmental Careers in Australia, RMIT	http://bit.ly/2n8qRdq
Job Outlook- future job prospects	http://bit.ly/1x5Rn9x
Career Harvest: cutting edge careers in agriculture, food and fibre	http://bit.ly/1f0m8jW
Ecotourism Australia: You can get a sense of what jobs are being offered and what qualifications and experience are needed for them	www.ecotourism.org.au/
Green Careers: Same as above	http://bit.ly/2n79BVq

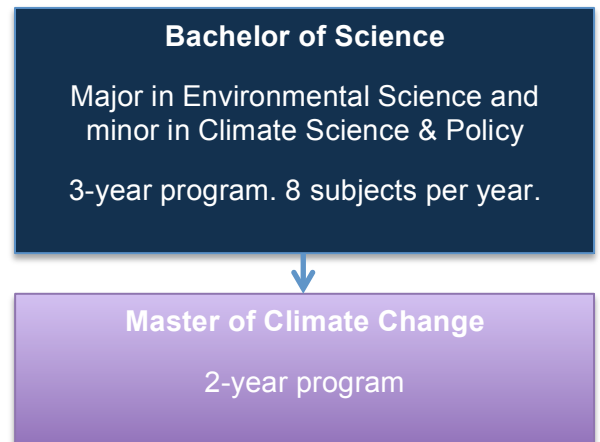
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Which course?

You can undertake a **broad single** or **double degree** then specialise later or undertake a **specialised degree** straight after school. The following are examples of how you can study a program at university.

Example 1: Sarah is interested in the environment and loves Chemistry and Biology at school. She doesn't know what she would like to specialize in yet, and decides to start with a broad degree. She enjoyed the minor in Climate Science and Policy and decides to study a Master of Climate Change.



Example 2: John is interested in the environment but also loves writing and investigating. He enjoys Biology and English at school. He decides to study a combined degree so he can explore both of his interests. Once he completes his double degree program, he decides to use his passion for the environment and his writing skills to study a Master of Environmental Health



Example 3: Anna would like to study Agriculture. She loves Chemistry, Biology and Maths at school and decides to go straight into a Bachelor of Agricultural Science. Once she completes the degree, she decides to study a Master of Food Security.



Deakin University

Course search, <http://bit.ly/2kSbwAL>

- **Bachelor of Arts** - minor in Geography or Sustainability & Society. 2017 ATAR: Melbourne – 63.90.
- **Bachelor of Science** - major in areas such as Environmental Science, Fisheries and Aquaculture, and Freshwater Biology etc. 2017 ATAR: Geelong – 60.50, Melbourne – 66.95. You can combine the Bachelor of Science with one of the degrees listed below. 2017 ATARs are listed in brackets.

Arts (Geelong – not listed, Melbourne – 60.20)

Commerce (Melbourne – 80.30)

Law (Melbourne – 91)

Secondary Teaching (Melbourne – 69.10)

Specialist degrees listed below (2018 courses). 2017 ATARs in brackets.

- Environmental Science (Environmental Management & Sustainability) (Melbourne - 60.20)
- Environmental Science (Wildlife & Conservation Biology) (Melbourne – 74.30)
- Environmental Science (Marine Biology) (Geelong – 55.75, Warrnambool – 57.90)

Global Science and Technology Program. To gain entry into this amazing program, you must achieve an ATAR of at least 80, be accepted into an approved course, and be prepared to complete the Deakin University's Global Citizenship Program, <http://bit.ly/2oVI6S>

- **Action:** join the Deakin Environmental Science Tumblr- <http://bit.ly/1l4mmhy>
- **Action:** Join the Deakin Enviro Facebook page- it is for current students, but you will get an idea about student life on campus and what opportunities the environment students can engage in, <http://bit.ly/2mGjCNX>

Federation University

Vocational courses, <http://bit.ly/24hMag4>

Agriculture

Conservation & Land Management

Horticulture

Landscaping

Parks & Gardens

Horticulture

Wool Classing

La Trobe University, www.latrobe.edu.au/courses

Courses:

Bachelor of Science - major in areas such as Agricultural Science, Botany, or Environmental Geoscience. 2017 ATARs: Melbourne – 60, Albury Wodonga – ATAR not published. You can combine the Science degree with one of the degrees listed below at the Melbourne campus. 2017 ATARs in brackets.

Science (Double Degree program) (70.15)

Arts (60.75)

Commerce (81.20)

Law (ATAR not published)

Bachelor of Arts - major in areas such as Archaeology, Human Geography, or Sustainability and Development. 2017 ATAR: Melbourne – 50, Bendigo – 51. You can combine the Arts degree with one of the degrees listed below at the Melbourne campus. 2017 ATARs in brackets.

Health Science (55.50)

Arts (60.75)

Commerce (80.95)

Law (90.05)

Specialist degrees (2018 courses). 2017 ATARs in brackets.

- Outdoor Education (Bendigo – 61.80)
- Outdoor Recreation Education (Bendigo – 50.90)
- Physical, Health & Outdoor Education (Bendigo – 51.50)
- Agricultural Sciences (Melbourne – 55.50, Albury Wodonga - 50.05)
- Agriculture and Technology (Melbourne – 55.20)
- Business (Agribusiness) (all campuses – no ATAR published)
- Science (Wildlife & Conservation Biology) (Melbourne – 77.45, Albury Wodonga – ATAR not published)
- Urban, Regional & Environmental Planning (Bendigo – ATAR not published)

Aspire Early Entry Program- applications open 1 June 2017, <http://bit.ly/1cXetap>

Course search, <http://bit.ly/2fPSg2V>

Vocational courses (Wantirna campus):

Rural Operations	Horticulture
Conservation and Land Management	Retail Nursery
Landscaping	Parks and Gardens

University courses (Hawthorn campus)

- **Bachelor of Science** - major in Environmental Science or minor in Environmental Health. 2017 ATAR – 65.05. You can combine the Bachelor of Science with one of the degrees listed below. 2017 ATARs listed in brackets.

Arts (65.75)	Secondary Teaching (ATAR not published)
Law (ATAR not published)	Engineering (75.10)
Health Science (ATAR not published)	

- **Bachelor of Science (Professional) (Environmental Science):** This degree is for high achieving students (ATAR of at least 80). You will be guaranteed access to 12-months of paid work experience, extending the degree by only 6 months.
- **Bachelor of Arts** - major in Environmental Sustainability and/or minor in Environmental Health. 2017 ATAR – 60.25. You can combine the Bachelor of Arts with one of the degrees listed below. 2017 ATARs listed in brackets.

Business (60.20)	Science (65.75)
Laws (ATAR not published)	Secondary Teaching (66.35)

- **Bachelor of Arts (Professional) (Environmental Sustainability):** This degree is for high achieving students (ATAR of at least 80). You will be guaranteed access to 12-months of paid work experience, extending the degree by only 6 months.

RMIT

Course search, <http://bit.ly/2I5pQFx>

Vocational courses

- Diploma of Conservation and Land Management
- Diploma and Advanced Diploma of Surveying (Land Surveying)

University courses

- **Bachelor of Environmental Science.** 2017 ATAR - 76.30. You can combine the degree with one of the courses listed below. 2017 ATARs listed in brackets.

Environment and Society (71.50)	Business Management (ATAR not published)
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Environmental Engineering (ATAR not published)
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Other courses: 2017 ATARs listed in brackets.

Surveying (75)	Environmental Engineering (80.25)
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Geospatial Science (70.60)	Urban & Regional Planning (Honours) (70.25)
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Landscape Architecture (ATAR + additional selection criteria)	Sustainable Systems Engineering (ATAR not published)
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Box Hill Institute

Course search, <http://bit.ly/2nG53sP>

Vocational courses

Landscaping	Horticulture
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Conservation and Land Management	Production Nursery
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University course

- Bachelor of Biosecurity Science

University of Melbourne

Course search, <http://coursesearch.unimelb.edu.au>

Bachelor of Science with the following majors/minors. 2017 ATAR – 85. Access Melbourne entry – 78.
Bachelor of Science (Extended) (Indigenous entry) - range of selection criteria for entry.

Plant Science	Spatial Systems
Geology	Marine Biology
Forest Science	Geography
Environmental Science	Food Science
Environmental Engineering Systems	Ecology & Evolutionary Biology
Agricultural Science	Climate and Weather

Bachelor of Design with the following majors. 2017 ATAR – 88.25. 2017 Access Melbourne entry – 78.

Spatial Systems	Urban Planning
Property	Landscape Architecture

Bachelor of Arts. Can major in Geography. 2017 ATAR – 89.30. Access Melbourne entry – 80. Bachelor of Science (Extended) (Indigenous entry) - range of selection criteria for entry.

Specialist degrees: 2017 ATARs listed in brackets.

- Bachelor of Agriculture (70.30)
- Associate Degree in Urban Horticulture (54+).

Victoria University

Course search, <http://bit.ly/2naG90l>

Bachelor of Science, 2017 ATAR not published. You can major in Ecology and Environmental Management and minor in Environmental Science. Campuses – Footscray Park and Werribee.

Bachelor of Science (Science for Teaching), 2017 ATAR not published. You can undertake a teaching discipline in Environmental Science.

Course search, <http://bit.ly/2naF88F>

Undergraduate courses:

Bachelor of Science, Bachelor of Science Advanced (Global Challenges), or Bachelor of Science Advanced (Research) with the following majors/minors:

Atmospheric Science	Ecology & Conservation Biology
Environmental Science	Geographical Science
Plant Sciences	Earth Science

You can combine the **Bachelor of Science** (2017 ATAR – 85) with one of the following degrees (2017 ATARs listed in brackets):

Arts (85)	Commerce (91.4)
Global Studies (90.15)	Engineering (91)
Biomedical Science (95.05)	Music (range of criteria)
Computer Science (85.2)	Education (85)
Information Technology (85.7)	Laws (Honours) (98)
Commerce Specialist (Actuarial Science, Economics, Finance – 93.2)	

Bachelor of Arts with a major in **Human Geography**. 2017 ATAR: Caulfield – 81.05, Clayton – 85.05. You can combine the Bachelor of Arts with one of the following degrees (2017 ATARs listed in brackets):

Commerce Specialist (Actuarial Science, Economics, Finance – 93.45)	Business Specialist (Marketing, Accounting, Banking & Finance) (85.05)
Commerce (92.45)	Business (84.4)
Science (85)	Engineering (91)
Information Technology (85.45)	Music (range of criteria)
Laws (Honours) (98)	Education (85)
Commerce Specialist (Actuarial Science, Economics, Finance – 93.45)	Fine Arts (range of criteria)
Communications & Media Studies (vertical degree)	

Course search, <http://www.utas.edu.au/>

Undergraduate courses:

Bachelor of Science, 2017 ATAR – 65+. You can major in areas such as Aquatic Biology, Geographic Information Systems & Remote Sensing, Geography & Environment Studies, Geology, and Plant Science.

Specialist degrees – Where a 2017 ATAR has been listed on the UTAS website, it is listed in brackets.

Agricultural Studies (65)	Applied Science (Agriculture & Business) (65)
Applied Science (Environmental Science)	Natural Environment and Wilderness Studies (65)
Surveying & Spatial Sciences (65)	Agribusiness (Associate Degree)
Marine & Antarctic Studies	Applied Science (Marine Environment) (60)

Australian Maritime College courses

Applied Science (Nautical Science) (60)	Applied Science (Marine Engineering)
Applied Science (Marine Electrical Engineering) (60)	Applied Science (Maritime Technology Management) (65)
Applied Science (Marine Environment) (60)	Business (Maritime & Logistics Management) (65)
Engineering (Naval Architecture) (70)	Engineering (Ocean Engineering) (70)
Engineering (Marine & Offshore Engineering) (70)	Aquaculture (Associate Degree)
Maritime & Logistics Management (Associate Degree)	

Vocational courses

- Advanced Diploma of Applied Science (Marine Engineering)
- Advanced Diploma of Applied Science (Nautical Science)
- Advanced Diploma of Applied Science (Marine Electrical Engineering)
- Diploma of Maritime and Logistics Management

Course search, <http://bit.ly/292o3JC>

Bachelor of Environment and Sustainability. 2017 ATAR – 80. You can choose a major from the following:

Environmental Science	Biology
Geography	Earth Science
Marine Science	Resource & Environmental Management
Sustainability Studies	

And a minor from the following list

Forest Science & Policy	Soil & Land Management
Geography	Environmental Policy
Sustainable Development	Water Science & Policy
Biodiversity Conservation & Management	Climate Science & Policy
Human Ecology	Australian Indigenous Studies

Bachelor of Science. 2017 ATAR – 80. You can choose a major from the following:

Environmental Science	Evolution, Ecology & Organismal Biology
Geography	Earth Science
Marine Science	Resource & Environmental Management
Water Science	Sustainability Studies

And a minor from the following list

Forest Science & Policy	Soil & Land Management
Geography	Environmental Policy
Sustainable Development	Water Science & Policy
Biodiversity Conservation & Management	Climate Science & Policy
Earth & Marine Sciences	

Course search, <http://bit.ly/292o3JC>

Bachelor of Arts. 2017 ATAR – 80. You can choose a major and/or minor from the following:

Environmental Studies	Geography
Archaeology	Climate Science & Policy
Sustainable Development	

Specialist degrees: 2017 ATARs are listed in brackets

- Bachelor of Environmental Studies (80)
- Bachelor of Science (Forest Sciences) (80)
- Bachelor of Archaeological Practice (80)
- Bachelor of Science (Resource & Environmental Management) (80)
- Bachelor of Philosophy (Honours) (99)

Flexible Double Degrees: You can combine any of the above degrees with a huge range of degrees at the University, <http://bit.ly/2myxbOY>

University of Canberra

University of Canberra, www.canberra.edu.au

Bachelor of Science. 2016 ATAR – 60. You can undertake a major from the following areas:

Applied Ecology	Ecological Conservation
Environmental Assessment	Integrated Environmental Management
Water Science	

You can combine the Bachelor of Science with a degree in Education, Law, or Journalism

Bachelor of Environmental Science. 2016 ATAR – 60. You can undertake a major from the following areas:

Integrated Environmental Management	Sustainable Landscapes
Water Science	Applied Ecology
Environmental Chemistry	Environmental Genetics

You could also consider the following specialist degree

- Bachelor of Urban and Regional Planning

Charles Sturt University

Course search: <http://bit.ly/2gyxp1l>

Bachelor of Science, Wagga Wagga, 2017 ATAR – 70. You can choose a major in either Conservation Biology or Plant Science and a minor in Spatial Science.

Or you can complete one of the following specialist degrees. 2017 ATARs – 70.

Environmental Science and Management	Applied Science (Outdoor Recreation & Ecotourism)
Applied Science (Parks, Recreation & Heritage)	Outdoor Education
Agricultural Business Management	Agricultural Science
Horticulture	Viticulture