

# ARCHAEOLOGICAL SCIENCE - 2016

While commonly considered a humanities discipline, archaeology is increasingly empowered by scientific approaches and ways of thinking which have revolutionised research into globally significant issues such as human evolution and dispersal, the development of civilisation and human-environment relationships. Students study geography, earth science, biology, psychology in combination with core archaeology courses to develop skills in scientific reasoning and to provide strong multidisciplinary knowledge as the foundation for a career in this exciting field. UQ has the largest dedicated number of archaeological science teaching and research staff and is a recognised leader in this discipline in Australia.

Students learn from working on a range of archaeological sites in Australasia, the Pacific Islands, Central America and the Near East. They also gain skills in our Archaeology Laboratory and the ATARC (Archaeology Teaching and Research Centre) enabling them to assess the importance of the human past in understanding our culturally diverse modern world.

## Bachelor of Science

### Single Major

*Each course is worth 2 units (#2)*

Prerequisites required for progression in this major -

ARCA1000	Discovering Archaeology
ARCS1001	Doing Archaeology

Major requirements (#14) -

#6 for -

ARCA3100	Critical Studies in World Prehistory
ARCS2000	Science in Archaeology
ARCS3040	Environmental Archaeology

#2 from –

ARCS2003	Forensics: The Archaeology of Death & Crime Scenes
ARCS2010	Ancient Technologies: Experimental and Analytical Approaches to Understanding Past Technologies
ARCS2011	Lithic Analysis: Current and Future Directions for Research and Heritage Management
ARCS2060	Archaeology Field School
ARCS2168	Human Evolution

#2 from –

ARCA2020	Archaeology of Australia
ARCA2025	Archaeology of the Pacific Islands
ARCS2050	Historical Archaeology
BIOL2201	Evolution
ERTH2002	Palaeobiology
ERTH2003	Sedimentology, Stratigraphy and Palaeoenvironments
ERTH2005	Mineralogy
GEOS2100	Environmental Systems
GEOS2103	Biogeography & Geomorphology

#4 from -

ARCS3001	Advanced Research in Archaeology
ARCS3010	Field Archaeology
ARCS3020	Animals and Archaeology: analytical approaches to understanding past human-animal relationships
BIOL3209	Biodiversity Analysis, Discovery and Systematics
ERTH3103	Sedimentary Environments
ERTH3205	Geochemistry and Geochronology
GEOS3107	Plants, People and the Environment
PSYC3262	Evolutionary Approaches to Human Behaviour

### Extended Major

*Each course is worth 2 units (#2)*

Prerequisites required for progression in this major -

ARCA1000	Discovering Archaeology
ARCS1001	Doing Archaeology

Major requirements (#22) -

#12 for -

ARCA2020	Archaeology of Australia
ARCA3100	Critical Studies in World Prehistory
ARCS2000	Science in Archaeology
ARCS2168	Human Evolution
ARCS3010	Field Archaeology
ARCS3040	Environmental Archaeology

#4 from –

ARCA2025	Archaeology of the Pacific Islands
ARCA2118	Cultural Heritage Management
ARCS2003	Forensics: The Archaeology of Death & Crime Scenes
ARCS2010	Ancient Technologies: Experimental and Analytical Approaches to Understanding Past Technologies
ARCS2011	Lithic Analysis: Current and Future Directions for Research and Heritage Management
ARCS2050	Historical Archaeology
ARCS2060	Archaeology Field School
BIOL2201	Evolution
ERTH2002	Palaeobiology
ERTH2003	Sedimentology, Stratigraphy and Palaeoenvironments
ERTH2005	Mineralogy
GEOM2001	Geographical Information Systems
GEOS2100	Environmental Systems
GEOS2103	Biogeography & Geomorphology

#6 from –

ARCA3000	Predicting the Past
ARCS3001	Advanced Research in Archaeology
ARCS3020	Animals and Archaeology: analytical approaches to understanding past human-animal relationships
BIOL3209	Biodiversity Analysis, Discovery and Systematics
CONS3017	Landscape Ecology
ERTH3103	Sedimentary Environments
ERTH3205	Geochemistry and Geochronology
GEOS3107	Plants, People and the Environment
PSYC3262	Evolutionary Approaches to Human Behaviour

*School of Social Science*

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### Requirements for majors

Please note that ARCA1000 and ARCS1001 do not count toward either major and must be taken as general electives.

Also, a course can only count towards **ONE** major within the program. Students should declare their chosen major/s via mySInet by their third year.

Program rules and requirements for the Bachelor of Science can be accessed online at <http://www.uq.edu.au/study>.

### For further information and advice contact:

School of Social Science

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Website: [www.socialscience.uq.edu.au](http://www.socialscience.uq.edu.au)

### Honours

Honours can be undertaken as a fourth year of study following completion of the Bachelor of Arts or Bachelor of Social Science. Honours provides students with skills that are highly sought after by employers, particularly in advanced training in research design and methods, experience in conducting independent research and advanced communication skills. Students who do very well during their honours year may be eligible to go onto a research higher degree (Master or PhD).

### ARCA/ARCS Course Offerings - 2016

#### Semester 1

ARCA1000	Discovering Archaeology
ARCA2020	Archaeology of Australia
ARCA2118	Cultural Heritage Management
ARCA3000	Predicting the Past
ARCA3100	Critical studies in World Prehistory
ARCS2000	Science in Archaeology
ARCS2003	Forensics: The Archaeology of Death & Crime Scenes
ARCS3001	Advanced Research in Archaeology
ARCS3020	Animals in Archaeology: analytical approaches to understanding past human-animal relationships

#### Semester 2

ARCA1000	Discovering Archaeology
ARCA2025	Archaeology of the Pacific Islands
ARCS1001	Doing Archaeology
ARCS2010	Ancient Technologies
ARCS2050	Historical Archaeology
ARCS2060	Archaeology Field School
ARCS2168	Human Evolution
ARCS3010	Field Archaeology
ARCS3040	Environmental Archaeology