

# ARCHAEOLOGICAL SCIENCE - 2015

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  
BIOL3209 Organism Diversity and Evolution  
ERTH3103 Sedimentary Environments  
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  
BIOL3209 Organism Diversity and Evolution  
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

(Anthropology, Archaeology, Criminology & Sociology)

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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 mySI-net by their third year.

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

**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 - 2015****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

**For further information and advice contact:**

School of Social Science

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**Semester 2**

ARCA1000	Discovering Archaeology
ARCA2025	Archaeology of the Pacific Islands
ARCS1001	Doing Archaeology
ARCS2011	Lithic Analysis
ARCS2060	Archaeology Field School
ARCS3010	Field Archaeology
ARCS3040	Environmental Archaeology