

ARCHAEOLOGICAL SCIENCE - 2019

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 (2 units)

Prerequisites required for progression in this major -

ARCA1000	Discovering Archaeology
ARCS1001	Doing Archaeology

Major requirements (#14) -

#6 for -

ARCS2000	Science in Archaeology
ARCS3010	Field Archaeology
ARCS3118	Managing Cultural Heritage: Ethics, History and Practice

#2 from -

ARCS2003	Forensics: The Archaeology of Death & Crime Scenes
ARCS2011	Lithic Analysis: Current and Future Directions for Research and Heritage Management

ARCS2050 Historical Archaeology

ARCS2060 Archaeology Field School

ARCS2080 Plants and Archaeology: Food, fuel, foraging and farming in the human past

ARCS2090 Animals and Archaeology: Analytical approaches to understanding past human-animal relationships

#2 from -

ARCS2010 Ancient Technologies: Experimental and Analytical Approaches to Understanding Past Technologies

ARCA2020 Australasian Archaeology

ARCA2025 Archaeology of the Pacific Islands

ARCS2070 Bioarchaeology: Human remains and ancient disease

BIOL2201 Evolution

ERTH2002 Palaeobiology

ERTH2003 Sedimentology, Stratigraphy and Palaeoenvironments

ERTH2005 Mineralogy

GEOS2100 Environmental Systems

GEOS2103 Biogeography & Geomorphology

#4 from -

ARCA3000 Predicting the Past

ARCS3001 Advanced Research in Archaeology

ARCS3168 Human Evolution

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 (2 units)

Prerequisites required for progression in this major -

ARCA1000	Discovering Archaeology
ARCS1001	Doing Archaeology

Major requirements (#22) -

#12 for -

ARCA2020 Australasian Archaeology

ARCS2000 Science in Archaeology

ARCS2011 Lithic Analysis: Current and Future Directions for Research and Heritage Management

ARCS3010 Field Archaeology

ARCS3118 Managing Cultural Heritage: Ethics, History and Practice

GEOS3107 Plants, People and the Environment

#4 from -

ARCS2003 Forensics: The Archaeology of Death & Crime Scenes

ARCS2010 Ancient Technologies: Experimental and Analytical Approaches to Understanding Past Technologies

ARCS2025 Archaeology of the Pacific Islands

ARCS2050 Historical Archaeology

ARCS2060 Archaeology Field School

ARCS2070 Bioarchaeology: Human remains and ancient disease

ARCS2080 Plants and Archaeology: Food, fuel, foraging and farming in the human past

ARCS2090 Animals and Archaeology: Analytical approaches to understanding past human-animal relationships

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

ARCS3168 Human Evolution

BIOL3209 Biodiversity Analysis, Discovery and Systematics

CONS3017 Landscape Ecology

ERTH3103 Sedimentary Environments

ERTH3205 Geochemistry and Geochronology

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.

The course list, along with program rules and requirements for the Bachelor of Science can be accessed via Programs and Courses: <https://my.uq.edu.au/programs-courses>.

Honours

Honours can be undertaken as a fourth year of study following completion of the Bachelor of 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 higher degree by research (Master or PhD).

Students who are aiming to undertake Honours in Archaeological Science are required to complete the following courses:

ARCA3000 – Predicting the Past

ARCS3001 – Advanced Research in Archaeology.

For more information about our honours programs, please visit www.social-science.uq.edu.au/honours.

For further information and advice contact:

School of Social Science

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Website: www.social-science.uq.edu.au