Graduate Certificate in
ENVIRONMENTAL SCIENCE

REAL. IMPACT.

The Graduate Certificate in Environmental Science is an integrative certificate that allows students to continue their education focused on the expanding field of Environmental Science. Our wide variety of courses gives certificate students a flexible, relevant, high-quality education with a particular focus on research allowing them to expand their expertise in Environmental Science. Course offerings span Biology, Chemistry, Environmental Science and Geology, allowing students to customize their certificate to their area of interest.

CERTIFICATE REQUIREMENTS:
Chemistry Course List (3 required courses)
CHMI 1006 General Chemistry I*
CHMI 1007 General Chemistry II*
ENVS 1006 Introduction to Environmental Science*

Science Course List (Choice of four courses)
BIOL 2056 Principles of Scientific Inquiry
BIOL 3007 Molecular Cell Biology
BIOL 3396 Ecology
BIOL 3977 Conservation Biology
BIOL 4016 Field Studies in Biology
BIOL 4306 Aquatic Biology
BIOL 4506 Invasive Species Biology
ENVS 2556 Experimental Design and Statistical Analysis
ENVS 3106 Pollution
ENVS 3206 Environmental Chemistry
ENVS 3456 Environmental Science Internship
ENVS 3596 Limnology
ENVS 3626 Epidemiology
ENVS 3906 Special Topics in Environmental Science
ENVS 4696 Toxicology
ENVS 4706 Soil Science
GEOL 1021 Understanding the Earth: The Planet and Its Internal Processes
GEOL 1022 Understanding the Earth: The Earth's Crust, Rocks, and Minerals

Humanities/Social Science Course List (Choice of three courses)
BIOL/PHIL 2216 Principles of Environmental Ethics
BIOL/PHIL 2217 Topics in Environmental Ethics
ECON 2056 Economics of Natural Resources
ECON 2057 Environmental Economics and Policies
ECONG 1026 Introduction to Physical Geography
ECONG 1027 Introduction to Human Geography
ECONG 2017 Introduction to GIS
ECONG 2106 Geomorphology I
ECONG 2107 Geomorphology II
ECONG 2996 The Great Lakes: Resources, People, and the Environment
ECONG 3037 Remote Sensing and the Environment
ECONG 3076 Advanced Geographic Information Systems (GIS)

GEOG 3307 Indigenous Knowledge and Natural Resources Management
GEOG 4296 Impact Assessment and Resource Management
GEOG 4407 Natural Resources & the Environment: Policy and Practice
JURI 2316 Environmental Law (3 credits)
PHIL 1116 Critical Thinking
POLI 3756 Politics and the Environment
SOCI 3227 Environmental Sociology

For specific course descriptions, please visit algomau.ca/academics/home-of-the-registrar

ADMISSION REQUIREMENTS:
University undergraduate degree with a minimum of 70% or (B) overall average. International applicants must provide documentation of language proficiency as per Algoma University's current language requirements.

GRADUATION REQUIREMENTS:
Minimum grade of 60% in required introductory courses* and 60% overall average in all courses required for the certificate.

Language Requirements: IELTS of 6.0 overall with a minimum of 6.0 on all bands.

For other English Language Test requirements, please visit algomau.ca/students/international-students/admissions-requirements