

Natural Sciences Training Programs

Biology

Course Title	Delivery	Duration (Hours)	Prerequisite
Biology	Online	45	Interest in Natural Sciences and Life Sciences
Biology	In-person	45	Interest in Natural Sciences and Life Sciences
Biology	Blended	45	Interest in Natural Sciences and Life Sciences

Chemistry

Course Title	Delivery	Duration (Hours)	Prerequisite
Chemistry	Online	50	Interest in Natural Sciences and Laboratory Sciences
Chemistry	In-person	50	Interest in Natural Sciences and Laboratory Sciences
Chemistry	Blended	50	Interest in Natural Sciences and Laboratory Sciences

Ecology and Environmental Science

Course Title	Delivery	Duration (Hours)	Prerequisite
Ecology and Environmental Science	Online	45	Interest in Environmental Systems and Sustainability
Ecology and Environmental Science	In-person	45	Interest in Environmental Systems and Sustainability
Ecology and Environmental Science	Blended	45	Interest in Environmental Systems and Sustainability

Material Science

Course Title	Delivery	Duration (Hours)	Prerequisite
Material Science	Online	50	Chemistry + Basic Physics Concepts
Material Science	In-person	50	Chemistry + Basic

			Physics Concepts
Material Science	Blended	50	Chemistry + Basic Physics Concepts

Geology

Course Title	Delivery	Duration (Hours)	Prerequisite
Geology	Online	45	Interest in Earth Sciences and Environmental Studies
Geology	In-person	45	Interest in Earth Sciences and Environmental Studies
Geology	Blended	45	Interest in Earth Sciences and Environmental Studies

Physics

Course Title	Delivery	Duration (Hours)	Prerequisite
Physics	Online	50	Interest in Natural Sciences, Mathematics, and Physical Systems
Physics	In-person	50	Interest in Natural Sciences, Mathematics, and Physical Systems
Physics	Blended	50	Interest in Natural Sciences, Mathematics, and Physical Systems

Biotechnology (Industrial and Agricultural Applications)

Course Title	Delivery	Duration (Hours)	Prerequisite
Biotechnology (Industrial and Agricultural Applications)	Online	60	Biology + Chemistry
Biotechnology (Industrial and Agricultural Applications)	In-person	60	Biology + Chemistry
Biotechnology (Industrial and Agricultural Applications)	Blended	60	Biology + Chemistry

Renewable Energy Science

Course Title	Delivery	Duration (Hours)	Prerequisite
Renewable Energy Science	Online	50	Physics + Interest in Energy and Sustainability
Renewable Energy Science	In-person	50	Physics + Interest in Energy and Sustainability
Renewable Energy Science	Blended	50	Physics + Interest in Energy and Sustainability

Scientific Research Methods and Data Analysis

Course Title	Delivery	Duration (Hours)	Prerequisite
Scientific Research Methods and Data Analysis	Online	40	Interest in Scientific Investigation and Analytical Thinking
Scientific Research Methods and Data Analysis	In-person	40	Interest in Scientific Investigation and Analytical Thinking
Scientific Research Methods and Data Analysis	Blended	40	Interest in Scientific Investigation and Analytical Thinking

Laboratory Techniques and Scientific Instrumentation

Course Title	Delivery	Duration (Hours)	Prerequisite
Laboratory Techniques and Scientific Instrumentation	Online	45	Biology + Chemistry
Laboratory Techniques and Scientific Instrumentation	In-person	45	Biology + Chemistry
Laboratory Techniques and Scientific Instrumentation	Blended	45	Biology + Chemistry

Environmental Monitoring and Sustainability Practices

Course Title	Delivery	Duration (Hours)	Prerequisite
Environmental Monitoring and Sustainability Practices	Online	40	Ecology and Environmental Science
Environmental Monitoring and Sustainability	In-person	40	Ecology and Environmental Science

Practices			
Environmental Monitoring and Sustainability Practices	Blended	40	Ecology and Environmental Science

Applied Earth and Energy Systems

Course Title	Delivery	Duration (Hours)	Prerequisite
Applied Earth and Energy Systems	Online	45	Geology + Renewable Energy Science
Applied Earth and Energy Systems	In-person	45	Geology + Renewable Energy Science
Applied Earth and Energy Systems	Blended	45	Geology + Renewable Energy Science

Innovation and Emerging Technologies in Natural Sciences

Course Title	Delivery	Duration (Hours)	Prerequisite
Innovation and Emerging Technologies in Natural Sciences	Online	36	Completion of at least two Natural Sciences Technical Modules
Innovation and Emerging Technologies in Natural Sciences	In-person	36	Completion of at least two Natural Sciences Technical Modules
Innovation and Emerging Technologies in Natural Sciences	Blended	36	Completion of at least two Natural Sciences Technical Modules

Comprehensive Natural Sciences Professional Program

Course Title	Delivery	Duration (Hours)	Prerequisite
Comprehensive Natural Sciences Professional Program	Online	360	Interest in Biology, Chemistry, Physics, Environmental Science, and Applied Scientific Research
Comprehensive Natural Sciences Professional Program	In-person	360	Interest in Biology, Chemistry, Physics, Environmental Science, and Applied Scientific Research
Comprehensive Natural Sciences Professional	Blended	360	Interest in Biology, Chemistry, Physics, Environmental

Program			Science, and Applied Scientific Research
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