



Sustainability C.A.

Curriculum Code: 1487

Effective: Fall 2019 – Summer 2024

Description

This certificate curriculum promotes entry-level technical knowledge, ethics, and rationale for a world view of sustainable practices in agriculture, alternative energy, business, construction, energy usage, natural resource management, and public policy. This certificate is for individuals seeking to enhance their employability by supplementing their existing credentials. Examples include those studying building trades or construction management seeking to implement sustainable building practices or students who hope to work in governmental and non-governmental agencies who intend to apply or advocate for sustainability.

Contact Information

Contact the Science Department, Arts and Sciences Building, Room 3203, telephone number 517-483-1092, or the Academic Advising Department, Gannon Building – StarZone, telephone number 517-483-1904.

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
BIOL 120	Environmental Science	4 / 6
CHEM 135	Chemistry in Society	4 / 5
ECON 201	Principles of Economics-Micro	4 / 4
ECON 202	Principles of Economics-Macro	4 / 4
ENGL 124	Technical Writing	3 / 3
MATH 115	Technical Math II	4 / 4
PHYS 200	Intro To Applied Physics	4 / 5

Program of Study Required Courses, Limited Choice - Architecture – *Select one*

Course Code	Course Title	Credit / Billing Hours
ARCH 113	Materials & Methods of Constr.	4 / 6
ARCH 275	Sustainable Building Design	4 / 6

Program of Study Required Courses, Limited Choice - Environmental – *Select one*

Course Code	Course Title	Credit / Billing Hours
ENVR 121	Environmental Rules and Regulations	3 / 3
GEOL 230	Environmental Geology	4 / 6

Total Credit Hours

34-35 credits / 40-43 billing hours

Recommended Course Sequence

Semester I	Semester II
ECON 201 MATH 115 Limited Choice – Architecture	CHEM 135 ECON 202 ENGL 124

Semester III
BIOL 120 PHYS 200 Limited Choice - Environmental