

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Sustainability
Certificate of Achievement

Curriculum Code: 1487 (Effective Fall 2015 – Summer 2020)

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.

PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information.

INFORMATION

Contact the Science Department, Washington Court Place Building, Room 030, telephone number (517) 483-1092 (Website: www.lcc.edu/science/) or the Academic Advising Department, Gannon Building – StarZone, telephone number (517) 483-1904.

REQUIREMENTS

CODE	TITLE	TOTAL: 27 CREDITS CREDIT HOURS
BIOL 120	Environmental Science	4
CHEM 135	Chemistry in Society	4
ECON 201	Principles of Economics– Micro	4
ECON 202	Principles of Economics– Macro	4
MATH 114	Technical Math I	4
PHYS 200	Introductory Physics with Applications	4
WRIT 124	Technical Writing	3

LIMITED CHOICE REQUIREMENTS

TOTAL: 7-8 CREDITS

Complete the indicated number of credits from the choices listed below:

CHOICE 1: Environmental	3–4 Credits
ENVR 121 Environmental Rules and Regulations	3
GEOL 230 Environmental Geology	4

CHOICE 2: Living Spaces: Design and Construction	4 Credits
ARCH 113 Materials & Methods of Constr.	4
ARCH 275 Sustainable Building Design	4

MINIMUM TOTAL	34
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NOTE:

- To receive a certificate of achievement from Lansing Community College, a student must maintain a grade point average of 2.0 or above in the courses required for the certificate.

SUGGESTED COURSE SEQUENCE

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments.

I	II	III
ECON 201	CHEM 135	BIOL 120
MATH 114	ECON 202	PHYS 200
Lim.Ch.	WRIT 124	Lim.Ch.