

# SUSTAINABLE AGRICULTURE, ASSOCIATE OF APPLIED SCIENCE

Curriculum Code #7200

Effective May 2018

Division of Science and Mathematics (<http://catalog.lorainccc.edu/academic-programs/science-mathematics>)

The associate of applied science in sustainable agriculture allows LCCC students to explore careers in agriculture and food systems. Students learn key sustainability and land stewardship skills as they study the interactions between food, human health and ecosystem services. Students contribute to the production, distribution and marketing of locally grown produce through hands-on experiences with local farmers and growers. Students completing this program acquire the fundamental skills to start their own agricultural enterprise or transfer into a four-year sustainability-related program. Some courses require travel to off-campus sites. This program is offered in collaboration with Black River Organics farm in Wellington, Ohio. Lorain County Community College has articulation agreements with colleges and universities including programs offered by LCCC's University Partnership.

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
ENGL 161	COLLEGE COMPOSITION I	3
MTHM 168	STATISTICS <sup>3</sup>	3
SAGR 106	SOIL MANAGEMENT AND CONSERVATION <sup>1</sup>	3
SAGR 107G	WORLDVIEWS TO SUPPORT SUSTAINABLE AGRICULTURE	1
SAGR 114	INTRODUCTION TO SUSTAINABLE AGRICULTURE <sup>1</sup>	3
SDEV 101	COLLEGE 101 <sup>2</sup>	1
Hours		14
<b>Spring Semester</b>		
BIOG 151	GENERAL BIOLOGY <sup>4</sup>	4
BIOG 165	INTRODUCTION TO ECOLOGY <sup>1</sup>	3
ENTR 200	ENTREPRENEURSHIP	3
SAGR 113	PLANT PROPAGATION <sup>1</sup>	2
SOCY 151G	INTRODUCTION TO SOCIOLOGY	3
Hours		15
<b>Summer Semester</b>		
SAGR 103	SUMMER CROP PRODUCTION <sup>1</sup>	3
Hours		3
<b>Second Year</b>		
<b>Fall Semester</b>		
BIOG 164	EXPLORATIONS IN FIELD SCIENCE <sup>1</sup>	3
CHMY 155G	CHEMISTRY AND SOCIETY <sup>5</sup>	3
SAGR 101	FALL CROP PRODUCTION <sup>1</sup>	3
SAGR 105	INTRODUCTION TO LIVING LANDSCAPES <sup>1</sup>	3

SAGR 115G	FOOD SYSTEMS, SOCIETY AND GLOBAL HEALTH <sup>1</sup>	3
Hours		15
<b>Spring Semester</b>		
SAGR 102	SPRING CROP PRODUCTION <sup>1</sup>	3
SAGR 109	WILD EDIBLES	1
SAGR 110	PERMACULTURE: PRINCIPLES AND APPLICATIONS	4
SAGR 111	PERMACULTURE DESIGN FOR COMMUNITY <sup>1</sup>	2
SAGR 112	BUSINESS PRINCIPLES OF SUSTAINABLE AGRICULTURE <sup>1</sup>	3
Hours		13
Total Hours		60

- <sup>1</sup> This course offers an opportunity for experiential learning.
- <sup>2</sup> A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 13 more credit hours.
- <sup>3</sup> Students transferring to Central State or OSU for a Bachelor's in Sustainable Agriculture should take MTHM 172.
- <sup>4</sup> Students transferring to Central State or OSU for a Bachelor's in Sustainable Agriculture should take BIOG 161.
- <sup>5</sup> Students transferring to Central State or OSU for a Bachelor's in Sustainable Agriculture should take CHMY 171.

Code	Title	Hours
<b>NON-REQUIRED ELECTIVE FOR STUDENTS INTERESTED IN LIVESTOCK</b>		
SAGR 108	INTRODUCTION TO SUSTAINABLE ANIMAL FARMING <sup>1</sup>	4

- <sup>1</sup> Students interested in livestock may be interested in SAGR 108 Introduction to Sustainable Animal Farming. This non-required elective is offered during the summer semester.

Program Contact(s):

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For information about admissions, enrollment, transfer, graduation and other general questions, please contact your Advising Team (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling>). (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling>)

**More program information can be found on our website.** (<https://www.lorainccc.edu/sciences/sustainable-agriculture/associate-of-science-in-sustainable-agriculture>)