

SUSTAINABLE AGRICULTURE, ASSOCIATE OF APPLIED SCIENCE

Curriculum Code #7200

Effective May 2017

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, OH. Lorain County Community College has articulation agreements with colleges and universities including programs offered by LCCC's University Partnership.

| Course | Title | Hours |
|--------------------------|--|-------|
| First Year | | |
| Fall Semester | | |
| ENGL 161 | COLLEGE COMPOSITION I | 3 |
| MTHM 121 or MTHM 171 | TECHNICAL MATHEMATICS I or COLLEGE ALGEBRA | 4 |
| SAGR 106 | SOIL MANAGEMENT AND CONSERVATION ¹ | 3 |
| SAGR 107G | WORLDVIEWS TO SUPPORT SUSTAINABLE AGRICULTURE | 1 |
| SAGR 114 | INTRODUCTION TO SUSTAINABLE AGRICULTURE ¹ | 3 |
| SDEV 101 | COLLEGE 101 ² | 1 |
| Hours | | 15 |
| Spring Semester | | |
| BIOG 161 | PRINCIPLES OF BIOLOGY I | 4 |
| ENTR 200 | ENTREPRENEURSHIP | 3 |
| SAGR 102 | SPRING CROP PRODUCTION ¹ | 3 |
| SAGR 113 | PLANT PROPAGATION ¹ | 2 |
| SOCY 151G | INTRODUCTION TO SOCIOLOGY | 3 |
| Hours | | 15 |
| Summer Semester | | |
| SAGR 103 | SUMMER CROP PRODUCTION ¹ | 3 |
| Hours | | 3 |
| Second Year | | |
| Fall Semester | | |
| BIOG 164 | EXPLORATIONS IN FIELD SCIENCE | 3 |
| CHMY 171 or CHMY 155G | GENERAL CHEMISTRY I ³ or CHEMISTRY AND SOCIETY | 3-5 |
| SAGR 101 | FALL CROP PRODUCTION ¹ | 3 |

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| SAGR 115G | FOOD SYSTEMS, SOCIETY AND GLOBAL HEALTH ¹ | 3 |
| SAGR 105 | INTRODUCTION TO LIVING LANDSCAPES ¹ | 3 |
| Hours | | 15-17 |
| Spring Semester | | |
| BIOG 260 | BOTANY ³ | 3 |
| SAGR 109 | WILD EDIBLES | 1 |
| SAGR 110 | PERMACULTURE: PRINCIPLES AND APPLICATIONS ¹ | 4 |
| SAGR 111 | PERMACULTURE DESIGN FOR COMMUNITY ¹ | 2 |
| SAGR 112 | BUSINESS PRINCIPLES OF SUSTAINABLE AGRICULTURE ¹ | 3 |
| Hours | | 13 |
| Total Hours | | 61-63 |

¹ This course offers an opportunity for experiential learning.

² 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.

³ Indicates that this course has a prerequisite.

NON-REQUIRED ELECTIVE FOR STUDENTS INTERESTED IN LIVESTOCK

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| SAGR 108 | INTRODUCTION TO SUSTAINABLE ANIMAL FARMING ¹ | 4 |
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¹ This elective is offered during the summer semester as enrollment allows.

Program Contact(s):

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