

Murray State University Dual Credit Pathway to the Bachelor's Degree in Arts or Science

The University Studies Program at Murray State University was designed to meet Kentucky's Statewide General Education Student Learning Outcomes. Racer Academy, Murray State's dual credit program, provides courses which satisfy a number of these General Education requirements. Additionally, Racer Academy students who plan to earn a degree in Agriculture have the opportunity to take foundational courses which satisfy a number of Agriculture program requirements.

With proper planning, high school students can earn up to 26 credit hours through Racer Academy by taking two courses per semester in both their junior and senior years.

Murray State's dual credit courses matched to Kentucky's Statewide General Education Student Learning Outcomes (SLOs)

Written and Oral Communication

ENG 105 Critical Reading, Writing, & Inquiry
COM 161 Introduction to Public Speaking

Natural Sciences

Select **ONE** of the following:

CHE 101 Consumer Chemistry
EES 101 The Earth and the Environment
EES 125 Weather and Climate
EES 199 Earth Science

Quantitative Reasoning*

Select **ONE** of the following:

MAT 117 Mathematical Concepts
MAT 140 College Algebra
STA 125 Statistical Reasoning
STA 135 Intro to Probability and Statistics

**See Math Pathways on page 2*

Other**

CSC 199 Intro to Information Technology

***Not Gen Ed, but required by many MSU majors*

Arts and Humanities

Select **ONE** of the following:

CIV 201 or CIV 202 World Civilizations
HIS 221 American Experience to 1865
HIS 222 American Experience since 1865
HUM 211 Western Humanities Tradition

Select **ONE** of the following:

ART 105 Studio Art for Non-Majors
ART 121 Art and Visual Culture
MUS 105 Introduction to Music History
THD 104 The Theatre Experience

Social and Behavioral Sciences

Select **TWO** courses:

ECO 140 Contemporary Economics
EES 110 World Geography
NLS 290 Service & Non-Profit Sector
POL 140 American National Government
PSY 180 General Psychology
SOC 133 Introduction to Sociology

Quantitative Reasoning (Math) Pathways for MSU students

- For students in Nursing, Nutrition, Public and Community Health, Telecommunications Systems Management, Agribusiness:
 - MAT 140 College Algebra **and**
 - STA 135 Intro to Probability and Statistics
- For students in technical fields (Occupational Safety and Health or Engineering Technology):
 - MAT 130 Technical Mathematics I **and**
 - MAT 230 Technical Mathematics II
- For students in Business
 - MAT 140 College Algebra **and**
 - MAT 220 Business Calculus
- For students in Computer Science, Biology, Pre-Med, other Pre-Professional, Fisheries, Wildlife, Chemistry, Pre-Pharmacy, Geosciences:
 - MAT 150 Algebra & Trigonometry (or MAT 140 and MAT 145) **and**
 - STA 135 Intro to Probability and Statistics
 - Additional mathematics courses are also required for these majors
- For students in the Fine Arts or Liberal Arts:
 - MAT 117 Mathematical Concepts
- For students in the Social Sciences and Communications:
 - STA 135 Intro to Probability and Statistics
- For students in Engineering Physics, Physics, Applied Physics, Pre-Vet, Exercise Science
 - MAT 150 Algebra & Trigonometry (or MAT 140 and MAT 145)
 - Additional mathematics courses are also required for these majors
- For students in Agriculture and Veterinary Technology:
 - MAT 140 College Algebra
 - Additional mathematics courses are also required for some Agriculture majors
- For students in Education:
 - Required University Studies course varies by focus

Dual Credit Pathway for MSU Agriculture Majors (BS in Agriculture)

General Education Courses

COM 161
 ENG 105
 HUM 211
 MAT 140
 CIV 201 or 202
 Social Science course
 Ethics/Civic Engagement course

Pre-Veterinary Medicine and Animal Technology/Veterinary Technology

AGR 100 Animal Science
 AGR 182 Introduction to Pre-Vet Science
 AGR 199 Contemporary Issues in Agriculture

All other Agriculture Majors

AGR 100 Animal Science
 AGR 130 Intro to Agricultural Economics
 AGR 133 Field Applications in Agriculture
 AGR 140 Plant Science
 AGR 160 Horticultural Science
 AGR 182 Introduction to Pre-Vet Science
 AGR 185 Agriculture Leadership
 AGR 199 Contemporary Issues in Agriculture