



Associate of Arts in Teaching - Mathematics

ABOUT OUR PROGRAM

This program is designed for students who aspire to become secondary school math teachers. Students must meet general education course requirements prior to enrolling in the sequence of undergraduate teacher education courses. Ultimately, students in this program can transfer to a wide variety of public and private baccalaureate colleges and universities in Illinois to complete their degree in teacher education in math. For a list of these four-year institutions, students should contact an HCC advisor.

SPECIAL CONSIDERATIONS

The Associate of Arts in Teaching (AAT) Mathematics consists of 55 credits in general education courses and 9 credits in undergraduate teacher education courses. Total number of credits required for the AAT in Math is 64. Passing a Basic Skills test is required of students as they progress through the program.

Communications

9 Semester Hours

All courses are 3 credit hours

ENGL 121 Rhetoric and Composition I *

ENGL 122 Rhetoric and Composition II *

SPCH 191 Fundamentals of Speech

* A grade of "C" or better is required.

Humanities and Fine Arts

9 Semester Hours

At least one course must be chosen from Fine Arts and one course from Humanities. All courses are 3 credit hours

Humanities (all courses are 3 credit hours)

ENGL 223 Introduction to Fiction
 ENGL 224 Introduction to Poetry
 ENGL 225 American Literature I
 ENGL 226 American Literature II
 ENGL 227 British Literature I
 ENGL 228 British Literature II
 ENGL 229 Introduction to Shakespeare
 HUMA 104 Introduction to Humanities
 HUMA 106 Introduction to Humanities II
 PHIL 180 Survey of World Religions
 PHIL 281 Introduction to Philosophy
 PHIL 282 Ethics

Fine Arts (all courses are 3 credit hours)

ART 110 Introduction to Art
 ART 215 Art History I
 ART 216 Art History II
 ART 219 Modern Art
 HUMA 104 Introduction to Humanities
 HUMA 106 Introduction to Humanities II
 MUS 267 Introduction to Music
 MUS 268 Introduction to Music of the USA
 SPCH 290 Introduction to Film
 THEA 196 Introduction to Theatre

Mathematics

17 Semester Hours

All Courses are required

MATH 168 Analytical Geometry and Calculus I (5)
 MATH 268 Analytical Geometry and Calculus II (5)
 MATH 269 Analytical Geometry and Calculus III (4)
 MATH 270 Linear Algebra (3)



Physical and Life Science

8 Semester Hours

At least one course must be chosen from Life Sciences and one course from the Physical Sciences. Both courses must include a laboratory.

Life Sciences

- BIOL 110 Principles of Biology (4)
- BIOL 116 Introduction to Ecology (4)
- BIOL 120 Foundations of Anatomy and Physiology (5)
- BIOL 213 Anatomy and Physiology I (4)

Physical Sciences

- CHEM 120 General Chemistry (4)
- CHEM 123 General College Chemistry I (5)
- GEOL 126 Geology (4)
- NSCI 131 Physical Science w/ Lab (4)
- NSCI 132 Physical Geography (4)
- NSCI 133 Introduction to Astronomy w/ Lab (4)
- NSCI 232 Fundamentals of Meteorology w/ Lab(4)
- PHYS 141 Introductory Physics (4)
- PHYS 143 General Physics I (4)

Social and Behavioral Sciences

9 Semester Hours

At least one course must be chosen from HIST or POL and course selections will include two different subject areas.

SOCI 276 is required. All courses are 3 credit hours.

- ECON 111 Principles of Economics I
- ECON 112 Principles of Economics II
- GEOG 132 Regional Geography of the World
- GEOG 233 Economic Geography
- HIST 141 Western Civilization to 1648
- HIST 142 Western Civilization 1648 to Present
- HIST 143 U.S. History I
- HIST 144 U.S. History II
- HIST 243 History of Africa I
- HIST 244 History of Africa II
- HIST 245 History of the Middle East
- POL 151 Introductions to Political Science
- POL 152 American Government and Politics
- POL 153 State and Local Government
- POL 253 International Relations
- POL 254 Introduction to Comparative Government
- PSY 161 Introduction to Psychology
- PSY 162 Child Psychology
- PSY 262 Human Growth and Development
- PSY 264 Social Psychology
- SOCI 171 Introduction to the Principles of Sociology

- SOCI 177 Introduction to Anthropology
- SOCI 271 Social Problems
- SOCI 274 The Family
- SOCI 276 Racism and Diversity in Contemporary Society

Professional Education

12 Semester Hours

EDUC 221/EDUC 222 is required. In conjunction with an advisor, a student may choose one course among EDUC 224 and EDUC 225, AND one course among PSY 261 and PSY 262 to complete the professional education requirement. All courses are 3 credit hours

- EDUC 221 American Public School
- EDUC 222 Education as an Agent for Change
- *EDUC 221/222 are concurrent and same course

- EDUC 224 Introduction to Special Education
- or-
- EDUC 225 Educational Technology
- PSY 261 Educational Psychology
- or-
- PSY 262 Human Growth and Development

MINIMUM HOURS FOR DEGREE:

64 Semester Hours

PROGRAM CONTACTS

Call Highland at 815-235-6121 for the following program contacts:

Dr. Thompson Brandt, Dean, Humanities and Social Sciences

Ms. Vicki Schulz, Student Advisor



Associate of Arts in Teaching - Special Education

ABOUT OUR PROGRAM

This program provides students with the program equivalent of the first two years of most four-year college teacher education programs in special education. Students should check individual school requirements prior to transfer and before completing the curriculum as outlined.

The degree consists of general education courses, professional education courses, and courses in the special education major area. These courses encompass the eleven Illinois Professional Teaching Standards, the Core Technology Standards, the Core Language Arts Standards, and all appropriate Special Education Standards.

SPECIAL CONSIDERATIONS

Students must also pass the ITBS and develop a portfolio reflecting the Illinois Professional Teaching Standards to earn the Associate of Arts in Teaching in Special Education. Students are advised to complete the program prior to transfer. Transfer students obtaining the Associate of Arts in Teaching Special Education degree will be on "equal footing" with native four year institution students when seeking admission to an upper division special education degree program. Admission into baccalaureate degree programs is competitive and most senior institutions require a GPA of 2.5 or higher; completion of these courses alone does not guarantee admission.

Communications

9 Semester Hours

All courses are 3 credit hours

ENGL 121 Rhetoric and Composition I *

ENGL 122 Rhetoric and Composition II *

SPCH 191 Fundamentals of Speech

* A grade of "C" or better is required.

Humanities and Fine Arts

9 Semester Hours

All courses are 3 credit hours

ART 110 Introduction to Art

HUM 104 Introduction to Humanities

MUS 267 Introduction to Music

Mathematics

10 Semester Hours

MATH 164 Math for Elementary School Teachers (4)

MATH 174 Mathematics for Elementary Teachers II (3)

MATH 177 Statistics (3)

Physical and Life Science

8 Semester Hours

BIOL 110 Principles of Biology (4)

CHEM 120 General Chemistry (4)

Social and Behavioral Sciences

9 Semester Hours

All courses are 3 credit hours.

GEOG 132 Regional Geography of the World

-or-

HIST 142 Western Civilization 1648 to the Present

POL 152 American Government and Politics

PSY 161 Introduction to Psychology

**Professional and Special Education Classes****18 Semester Hours**

EDUC 221 American Public School

EDUC 222 Education as an Agent for Change

*EDUC 221/222 are concurrent and same course

EDUC 224 Introduction to Special Education

EDUC 225 Educational Technology

PSY 261 Educational Psychology

PSY 262 Human Growth and Development

Select one of following:

EDUC 204 Diversity of Schools and Society

ECE 124 Language and Literacy Dev. in Early Childhood

MINIMUM HOURS FOR DEGREE: 63 Semester Hours

PROGRAM CONTACTS

Call Highland at 815-235-6121 for the following program contacts:

Dr. Thompson Brandt, Dean, Humanities and Social Sciences

Ms. Vicki Schulz, Student Advisor