

Start here...

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 must be chosen from Humanities.

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
ENGL	230	Women in Literature
HUMA	104	Introduction to Humanities
HUMA	110	Introduction to Critical Thinking
PHIL	180	Survey of World Religions
PHIL	281	Introduction to Philosophy
PHIL	282	Ethics

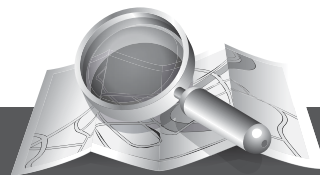
Fine Arts (all courses are 3 credit hours)

ART	110	Introduction to Art
ART	215	Art History I
ART	216	Art History II
ART	219	Modern Art
HUMA	104	Introduction to Humanities
MCOM	150	Introduction to Film
MCOM	289	Film History and Appreciation
MUS	267	Introduction to Music
MUS	268	Introduction to Music of the USA
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 & Physiology (5)
BIOL	208	Biology I: Molecular and Cell Biology (4)
BIOL	213	Anatomy and Physiology I (4)

Physical Sciences

CHEM	120	Elementary General Chemistry (4)
CHEM	123	General College Chemistry I (4)
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	140	Survey of Physics (4)
PHYS	141	Introductory Physics (4)
PHYS	143	General Physics I (5)

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 & Diversity in Contemp. 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 or
EDUC	222	Education as an Agent for Change
*EDUC 221/222 are concurrent and same course		

Select three classes from these four

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

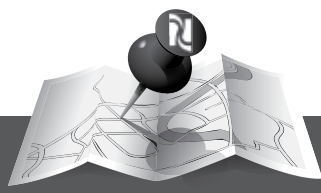
MINIMUM HOURS FOR DEGREE:

64 Semester Hours

PROGRAM CONTACTS

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

Dean, Humanities, Social Sciences, and Fine Arts
Ms. Vicki Schulz, Student Advisor



Start here...

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 or
- HUMA 104 Introduction to Humanities or
- MUS 267 Introduction to Music or

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 & Life Science

8 Semester Hours

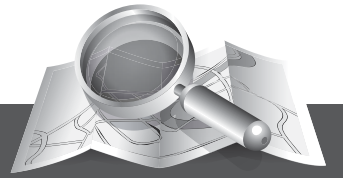
- BIOL 110 Principles of Biology (4)
- CHEM 120 Elementary General Chemistry (4)

Social & 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

All courses are 3 credit hours

EDUC 221 American Public School or
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
EDUC 124 Diversity of Schools and Society or
ECE 124 Language & Lit. Dev. in Early Childhood

MINIMUM HOURS FOR DEGREE:
63 Semester Hours

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