



DEGREE CODE:
AS 0211

PATHWAY: Mathematics Education

Visit your College Advisor, ccc.edu, or your college's Transfer Center for more information.

The Mathematics Education pathway begins your preparation to teach Math to high school students. Math teachers are also required to earn a bachelor's degree from an accredited program and obtain a Professional Educators License with a Math endorsement from the Illinois State Board of Education. Get started now by earning your associate degree from City Colleges, transfer to a four-year teacher certification program as a junior, and start a career in math education.

This is an **example course sequence** for students interested in pursuing Mathematics Education. This does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn an Associate in Science (AS) degree. One course will satisfy the Human Diversity (HD) requirement, and is labeled with an (HD) in the sequence below. Following this pathway will help you get your associate degree, which will increase your chances of transfer to Bachelor's-level programs of study. Choose Illinois Articulation Initiative (IAI) courses to fulfill general education requirements whenever possible. Visit www.itransfer.org and speak with your college advisor to learn more about IAI.

For information regarding teaching, licensure and certification requirements for the State of Illinois, please visit www.isbe.net. It is important to note that students must pass Illinois Certification Testing System (ICTS) Test of Academic Proficiency (TAP) test, or have 22 composite ACT score and minimum score of 6 on the Writing portion, or have a composite score of 1110 (evidence-based reading and writing + mathematics = 1110 or higher) and a minimum score of 26 on writing and language for entrance into four-year College of Education institutions.

Choose your courses with your College Advisor.

Communications and mathematics pre-credit requirements. Placements based on current placement instrument, ACT or department chair recommendation.			College-level courses that can be taken while in pre-credit courses.	
ENGLISH PLACEMENT	READING PLACEMENT	MATHEMATICS PLACEMENT	GENERAL EDUCATION COURSES	ELECTIVE COURSES
<input type="checkbox"/> ESL/FS Writing	<input type="checkbox"/> ESL/FS Reading	<input type="checkbox"/> FS Mathematics I	<input type="checkbox"/> Humanities: Africana Studies 101	<input type="checkbox"/> College Success
<input type="checkbox"/> ESL/English 98	<input type="checkbox"/> ESL/Reading 99	<input type="checkbox"/> FS Mathematics II		<input type="checkbox"/> World Languages
<input type="checkbox"/> ESL 99	<input type="checkbox"/> ESL Reading 100	<input type="checkbox"/> Mathematics 98		
<input type="checkbox"/> ESL/English 100	<input type="checkbox"/> Reading 125	<input type="checkbox"/> Mathematics 99		

SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters.

D	SEMESTER 1	CATEGORY	ACHIEVEMENTS & NEXT ACTIONS
●	English 101—Composition I (3)	Communications	DO THIS —Meet with advisor to discuss academic goals and plan coursework
●	Education 101—Introduction to Education (3)	Elective	
●	Biology 114—General Education Biology (4) OR Biology 115—Human Biology (4)	Life Sciences	
●	Mathematics 207—Calculus and Analytic Geometry I (5)	Mathematics	
15 CREDIT HOURS			
D	SEMESTER 2	CATEGORY	ACHIEVEMENTS & NEXT ACTIONS
●	English 102—Composition II (3)	Communications	ALMOST halfway through Associate in Science degree DO THIS —Meet with advisor to confirm plans
●	Anthropology 202—Cultural Anthropology (3)	Social & Behavioral Sciences	
●	Education 102—Using Technology in the Classroom (3) OR Education 103—Students with Disabilities in School (3)	Elective	
●	Mathematics 208—Calculus and Analytic Geometry II (5) OR higher	Mathematics	
14 CREDIT HOURS			
D	SEMESTER 3	CATEGORY	ACHIEVEMENTS & NEXT ACTIONS
●	Speech 101—Fundamentals of Speech Communication (3)	Communications	DO THIS —Mid-term check-in with advisor DO THIS —Go to Career Center to explore both continued education and employment options
●	History 111—History of American People to 1865 (3) OR History 112—History of American People from 1865 (3)	Social & Behavioral Sciences	
●	Education 203—Educational Psychology (3)	Elective	
●	Mathematics 209—Calculus and Analytic Geometry III (5)	Mathematics	
●	Physical Science course (3)	Physical Sciences	
17 CREDIT HOURS			
D	SEMESTER 4	CATEGORY	ACHIEVEMENTS & NEXT ACTIONS
●	Political Science 201—The National Government (3)	Elective	COMPLETION of Associate in Science degree in Mathematics Education DO THIS —Apply to four-year institutions of your choice
●	Humanities 145—Introduction to Diversity/Ethnic Studies (HD) (3) OR other HD Humanities course (3)	Humanities (HD)	
●	Fine Arts course (3)	Fine Arts	
●	Physical or Life Sciences course (3)	Physical & Life Sciences	
●	Mathematics 210—Differential Equations (3)	Elective	
15 CREDIT HOURS			

DEGREE MINIMUM: 60 CREDIT HOURS // PATHWAY TOTAL: 61 CREDIT HOURS

D = DEGREE // AC = ADVANCED CERTIFICATE // BC = BASIC CERTIFICATE

Programs offered at:

