MATHEMATICAL SCIENCES (BS) + SECONDARY EDUCATION MATHEMATICS (MED)

The combined Bachelor's + Master's degree programs allow students to complete 12 graduate credit hours while still undergraduates. These 12 graduate credit hours will count toward both the undergraduate and graduate degree programs.

The TEACH Program combines a College of Science and Health (CSH) undergraduate Mathematics major or some other disciplinary major with a graduate level College of Education (COE) Master of Education (MEd) Program. Students graduate with a BS in their CSH disciplinary major and a MEd in Education with a State of Illinois Secondary Mathematics Certification.

Students may apply to the TEACH Program during the spring of their junior year. They must enroll in the Experiential Learning course, TCH 320 , and meet other application criteria; these include completion of at least 16 quarter credit hours at DePaul and a 3.0 GPA. During their senior year, students are required to complete three 400-level courses that count toward both their undergraduate and graduate degrees:

Junior Year Coursework : 4 undergraduate quarter hours required

Course	Title	Quarter Hours
TCH 320	EXPLORING TEACHING IN THE URBAN HIGH SCHOOL (fulfills the Liberal Studies Program experiential learning (EL) requirement)	4

Undergraduate/Graduate Double-Counted Courses: 12 undergraduate/graduate quarter hours required, grade of C or better required.

Course	Title	Quarter Hours
TCH 402	INTRODUCTION TO MIDDLE GRADES AND SECONDARY EDUCATION	4
TCH 413	THE NATURE OF MATHEMATICS	4
TCH 423	INQUIRY & APPLICATION IN DEVELOPING MATHEMATICS PEDAGOGY	4

All coursework in the content area must earn a grade of C or better.*

- Calculus I
- Calculus II
- Calculus III
- Intro to Math Reasoning
  or Discrete Math I and Discrete Math II
- Multivariable Calculus I
- Multivariable Calculus II
- Linear Algebra
- Programming Language
- Abstract Algebra I
- Theory of Numbers |
  or Abstract Algebra II
- Geometry I
- Geometry II
  or Real Analysis I
- Probability & Statistics
- History of Mathematics
- *The secondary mathematics content advisor will collaborate with you to design and schedule your mathematics content course sequence.

This combined degree program of the College of Science and Health and the College of Education was collaboratively developed, and is governed and taught by faculty from these units.

The Master's year comprises teacher-preparation coursework that culminates with student teaching during Spring quarter. Upon graduation and the fulfilling of State of Illinois licensure requirements (which may require some additional course work in the student's major and related fields), students are eligible to be licensed to teach Mathematics at the 5th-12th grade levels.

A full description of the TEACH Program can be found here. (https://catalog.depaul.edu/programs/secondary-education-math-med/) Students interested in the TEACH Program should consult with the designated TEACH Program advisor in their home department.