The primary purpose of the mathematics certificate is to serve those students who wish to enhance their content knowledge in mathematics but are unable to complete the requirements of a second major.

**LEARNING OUTCOMES**

1. State, explain, and apply the principal results, definitions, and theorems of a wide collection of mathematical areas.
2. Acquire a diverse set of skills and strategies in mathematical reasoning/problem solving.
3. Use mathematics to model and analyze problems in other disciplines.

**ADVISING AND CAREERS**

Students who are interested in the math major should visit a faculty advisor. Information about current advisor availability is on the Math advising page (https://www.math.wisc.edu/undergraduate/advising/).

For advice on college algebra, pre-calculus, and calculus, see the placement advising pages (https://www.math.wisc.edu/undergraduate/placement/) of the department.

**L&S CAREER RESOURCES**

Every L&S major opens a world of possibilities. SuccessWorks (https://successworks.wisc.edu/) at the College of Letters & Science helps students turn the academic skills learned in their major, certificates, and other coursework into fulfilling lives after graduation, whether that means jobs, public service, graduate school or other career pursuits.

In addition to providing basic support like resume reviews and interview practice, SuccessWorks offers ways to explore interests and build career skills from their very first semester/term at UW all the way through graduation and beyond.

Students can explore careers in one-on-one advising, try out different career paths, complete internships, prepare for the job search and/or other coursework into fulfilling lives after graduation, whether that means jobs, public service, graduate school or other career pursuits.

- **ADVISING**
  - SuccessWorks (https://careers.ls.wisc.edu/)
  - Set up a career advising appointment (https://successworks.wisc.edu/make-an-appointment/)
  - Enroll in a Career Course (https://successworks.wisc.edu/career-courses/) - a great idea for first- and second-year students:
    - INTER-LS 210 L&S Career Development: Taking Initiative (1 credit)
    - INTER-LS 215 Communicating About Careers (3 credits, fulfills Comm B General Education Requirement)
  - Learn about internships and internship funding (https://successworks.wisc.edu/finding-a-job-or-internship/)
    - INTER-LS 260 Internship in the Liberal Arts and Sciences
  - Activate your Handshake account (https://successworks.wisc.edu/handshake/) to apply for jobs and internships from 200,000+ employers recruiting UW-Madison students
  - Learn about the impact SuccessWorks has on students’ lives (https://successworks.wisc.edu/about/mission/)

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Please visit the Math Department website (https://math.wisc.edu) for a complete list of faculty (https://math.wisc.edu/math-faculty/) and instructional academic staff (https://math.wisc.edu/academic-staff/).