

# Associate of Science -Mathematics Pre-Major

The Mathematics Pre-major is designed to meet requirements towards the first two years of a mathematics major bachelor's degree and includes core sequences in math.

## Program Outline

| COURSE #   | COURSE TITLE   | CREDITS |
|------------|--|---------|
| 2089010100 | Foundations of University Learning   | 1.00    |
| 20801219   | English Composition I<br>Develops expository writing and critical thinking skills, including clarity, concision, concreteness, and completeness of expression, supported by reasoning, organization, and language conventions. Lecture.  | 3.00    |
| 20801223   | English Composition II<br>Advances composition skills, emphasizing well-reasoned argumentative research papers. Lecture. Credits: 3. Prerequisite(s): 2080121900 English Composition I (D- or better) or 1080119500 Written Communication (B or better).   | 3.00    |
| 20810201   | Fundamentals of Speech<br>Examines theory and process of communication, the role of speech in self- development, the art of persuasion, topic selection, the use of research-based evidence, and audience analysis. Includes organizing speech content, speech delivery, and critique via presentation of informative and persuasive speeches and development of effective extemporaneous speaking style. Students gain self-confidence, proficiency, and poise. | 3.00    |
| N/A        | Humanities<br>Select courses from at least two disciplines: art, journalism/writing, history, literature, music, philosophy, theatre/film, world language.<br><a href="#">View Courses and Descriptions (PDF)</a>  | 6.00    |
| N/A        | Social Sciences<br>Select courses from at least two disciplines: anthropology, economics, political science, history, psychology, geography, sociology.<br><a href="#">View Courses and Descriptions (PDF)</a>   | 6.00    |
| N/A        | Mathematics & Natural Science  | 20.00   |

| COURSE # | COURSE TITLE | CREDITS                           |
|----------|--------------|-----------------------------------|
|          | COURSE #     | COURSE TITLE                      |
|          | CREDITS      |                                   |
|          | 20806286     | College Physics I Calculus Based  |
|          | 5            |                                   |
|          | 20806287     | College Physics II Calculus Based |
|          | 5            |                                   |
|          | 20804236     | Calculus & Analytic Geometry I    |
|          | 5            |                                   |
|          | 20806245     | College Chemistry I               |
|          | 5            |                                   |

[View Courses and Descriptions \(PDF\)](#)

|     |  |           |
|-----|--|-----------|
| N/A | Health/Wellness/Physical Education   | 1.00      |
| N/A | Diversity/Ethnic Studies   | 0.00      |
|     | Courses that meet this requirement may also count toward Humanities or Social Science. These credits are not in addition to the 60 credits required for the degree.                |           |
|     | <a href="#">View Courses and Descriptions (PDF)</a>  |           |
| N/A | World Language   | 4.00      |
|     | May be met with one year high school, with a grade of “C” or better, or one semester in college.   |           |
|     | <a href="#">View Courses and Descriptions (PDF)</a>  |           |
| N/A | Electives  | 13.00     |
|     | 20806240 Calculus & Analytic Geometry II   | 5 credits |
|     | 20804241 Calculus & Analytic Geometry III  | 5 credits |
|     | Recommended:   |           |
|     | 20806249 College Chemistry II  | 5 credits |
|     | An additional 4 credits in any college transfer course (if the recommended course is not taken). One credit of health and PE beyond the Health/Wellness/PE credit may be selected. |           |
|     | May be 18 credits if students satisfy the world language requirement with one year of high school (C or better).   |           |

**Total Credits: 60.00**

Talk with a Success Coach about the program outline. Together, you will determine if credits you've already earned satisfy any requirements, discuss possible alternative courses, and choose the best classes if you're thinking of transferring.

At A Glance

How You'll Learn

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## Term Start Dates

### Spring 2025

January 13 - 16-Week Spring Term Start

### Summer 2025

May 19 - 12-Week Summer Term Start

### Fall 2025

August 25 - 16-Week Fall Term Start

Start dates represent the beginning of a new term. Certain programs or courses may not be available to start every term. Please view the [course schedules](#) for a list of upcoming classes or contact the Welcome Center at 715-365-4493.

[VIEW FULL ACADEMIC CALENDAR](#)

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## Program Tuition\*

\$12,240

## Books & Supplies\*

\$3,308

\*Total cost for degree completion is estimated by current course requirements, books, and supplies. Tuition and fees are set by the Wisconsin Technical College System and subject to change.

Financial Aid Eligible

► [Potential Indirect Costs](#)

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## What You'll Learn

- Apply forms of effective communication in various contexts
  - Demonstrate quantitative reasoning
  - Demonstrate critical and/or creative thinking
  - Apply scientific methods
  - Demonstrate cultural awareness
  - Apply ethics to individual, social, environmental, and informational contexts
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## Possible Bachelor's Degree Majors

The Physics Pre-major is designed to meet requirements towards the first two years of a physics major bachelor's degree and includes core sequences in physics, chemistry, and math.

[LEARN MORE ABOUT TRANSFER GUIDES](#)

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## Get Started

Your application can be submitted online, it takes just a few minutes to complete.

[APPLY NOW](#)