NICOLET COLLEGE

Engineering Pre-Major

The following pre-major is a recommended course sequence within your Associate of Science degree that has been developed in partnership with UW-Platteville. It helps students complete their associate degree while concurrently earning an online Bachelor of Science degree from UW-Platteville in

- Mechanical Engineering
- Electrical Engineering
- Industrial & Systems Engineering

Pre-majors are available only for select majors and universities. If your intended major or transfer institution is not UW-Platteville, your Success Coach can help you build a personalized transfer plan utilizing some or all of the same coursework.

Program Outline

COURSE #	COURSE TITLE	CREDITS
2089010100	Foundations of University Learning	1.00
20801219	English Composition I 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 Advances composition skills, emphasizing well-reasoned argumentative research papers. Lecture. Credits: 3. Prerequisite(s): 2080121900 English Composition I (D- or better) or 1080119500 W ritten Communication (B or better).	3.00
20810201	Fundamentals of Speech 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 Select courses from at least two disciplines: art, journalism/writing, history, literature, music, philosophy, theatre/film, world language. View Courses and Descriptions (PDF)	6.00
N/A	Social Sciences Select courses from at least two disciplines: anthropology, economics, political science, history, psychology, geography, sociology. View Courses and Descriptions (PDF)	6.00
N/A	Mathematics & Natural Science	20.00

COURSE #	COURSE TITLE	CREDITS
	COURSE # COURSE TITLE CREDITS 20804236 Calculus & Analytic Geometry I 5 20804240 Calculus & Analytic Geometry II 5 20806245 College Chemistry 5 20806286 College Physics I Calculus Based 5 View Courses and Descriptions (PDF)	
N/A	Health/Wellness/Physical Education	1.00
N/A	Diversity/Ethnic Studies 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. View Courses and Descriptions (PDF)	0.00
N/A	World Language May be met with one year high school, with a grade of “C” or better, or one semester in college. View Courses and Descriptions (PDF)	4.00
N/A	Electives 20806249 College Chemistry II (5 credits) *If pursuing Electrical or Mechanical Engineering take:* 20804241 Calculus & Analytic Geometry III (5 credits) 20806287 College Physics II Calculus Based (5 credits) Additional credits, if needed, to meet the 13-credit elective requirement.	13.00

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

Next Academic Start Dates

11
JAN

Spring 2027 Term Starts

15
MAR

Additional Spring 2027 Start for Select Courses

VIEW FULL CALENDAR

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

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

Possible Bachelor's Degree Majors

The Engineering Pre-major is designed to meet requirements toward the first two years of am engineering major bachelor's degree.

LEARN MORE ABOUT TRANSFER GUIDES

Get Started

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

APPLY NOW