ENGINEERING

ON CAMPUS

BISMARCK STATE COLLEGE | North Dakota's Polytechnic Institution

TUITION WAIVERS AVAILABLE

Students can complete the program in two or three years, depending on their preparation in math, physics and chemistry. Most engineers specialize and earn starting salaries significantly higher than those of college graduates in other fields.

CAREER opportunities

- Aerospace
- Agricultural
- Biomedical
- Chemical
- Civil
- Computer hardware
- Construction
- Electrical/electronic
- Environmental
- Geological
- Industrial materials
- Mechanical
- Nuclear
- Transportation
- Construction management

HANDS-ON LEARNING. WORKFORCE READY.

BSC'S ENGINEERING TRANSFER

Engineers apply the principles of science and mathematics to develop economical solutions to technical problems. Their work is the link between perceived social needs and commercial applications. Engineers use computers extensively to produce and analyze designs and to simulate and test how a machine, structure or system operates. Advanced technology is used to generate specifications, monitor product quality, and control process efficiency, increasingly with nanotechnology.

Engineering Requirements:

ECON 201	Principles of Microeconomics	3 credits
CHEM 121	General Chemistry I	4 credits
CHEM 121L	General Chemistry I Lab	1 credit
CHEM 122	General Chemistry II	4 credits
CHEM 122L	General Chemistry II Lab	1 credit
MATH 165	Calculus I	4 credits
MATH 166	Calculus II	4 credits
MATH 265	Calculus III	4 credits
ENGR 201	Statics	3 credits
ENGR 202	Dynamics	3 credits
PHYS 251	University Physics I	4 credits
PHYS 251L	University Physics I Lab	1 credit
PHYS 252	University Physics II	4 credits
PHYS 252L	University Physics II Lab	1 credit
MATH 266	Introduction to Differential Equations	3 credits

STRONG JOB MARKET

2 YEARS OF AFFORDABLE TUITION

SEAMLESS TRANSFER TO 4-YEAR PROGRAMS

bismarckstate.edu

ENGINEERING WAIVER

Application Procedures for the BSC Engineering Waiver Program

GENERAL ELIGIBILITY REQUIREMENTS:

- Students must enroll at BSC as an Associate in Science – Engineering subplan.
- Students must complete the waiver application in addition to the application for admission to Bismarck State College.
- This waiver is available only to students who are considered first-year at Bismarck State College.
- Returning students or students who have enrolled for coursework at BSC prior to the Fall 2023 semester are not eligible. Early entry or dual-credit coursework at BSC or other institutions does not disqualify a student from being awarded this waiver.
- Students must enroll in at least 12 approved Engineering Transfer program credits by the start of the semester, for each semester to which the waiver applies.
- Students must complete the application for the BSC Engineering Waiver prior to the start of the semester.
- Student must have a minimum high school GPA or transfer GPA of 2.0.

WAIVER TERMS AND COVERAGE:

- The amount of the BSC Engineering Waiver will be a maximum of $500 awarded per semester for each of the two semesters of the student's first year of coursework (excluding summer). The waiver applies to tuition only. Tuition waivers do not include mandatory fees, class fees, books, board, room, insurance, taxes, or any other costs.
- Up to $500 dollars each semester of the Fall 2023 and Spring 2024 sessions or Spring 2024 start with a continuation into Fall 2024 session, excluding summer, based on available funding.
- Waivers provide no refundable balances to the student.
- Waiver applications do not guarantee a waiver. Available waiver amounts are limited, therefore applications will be reviewed along with all eligibility requirements and awarded on a first-come, first-served basis for students who meet the criteria of the waiver.
- Second semester renewals of the waiver are given priority over new waiver applicants. Students requesting a second term qualification for the waiver must have a 2.0 GPA or higher from their first term.
- If a student drops below 12 credits in their first semester of the waiver, they are ineligible to receive the waiver the second semester.

APPLICATION PROCESS:

- Student must meet all BSC admission requirements and be accepted for enrollment during the upcoming semester.
- Student must complete and submit the BSC Engineering Waiver application to the BSC Dean of Humanities, Arts, and Sciences. The Dean of Humanities, Arts, and Sciences will review applications for eligibility. All applications will be handled on a first-come basis.
- By signing the application form, the student acknowledges that they understand the parameters of eligibility for the BSC Engineering Waiver, the expected amount of the waiver, what the waiver can be used for, and when the waiver will be applied to their student account.
- Upon approval by the Dean of Humanities, Arts, & Sciences, the recipient will receive confirmation of the waiver and a copy of the approved application will be submitted to the Student Finance Department to be applied to the student account.

bismarckstate.edu/waivers