

# ENGINEERING 3+2 PROGRAM, BACHELOR OF SCIENCE/ MASTER OF SCIENCE

The BS/MS program allows qualified students to earn both a BS (BSE or BSIE) and MS (MSE or MSISE) concurrently (BSE/MSE, BSE/MSISE, BSIE/MSE, BSIE/MSISE). Students can complete the requirements for both degrees in five years, thus shortening the normal time to receive both degrees from six years to five years. The degrees are awarded simultaneously.

## Specific Admission Requirements

Students should apply no later than the spring before the senior year. Students are required to take the GRE and to have a 3.0 GPA for regular admission to the MS programs. The application for admission must include a completed Engineering MS application form, an unofficial CSU-Pueblo transcript, and GRE scores. Students are strongly encouraged to complete an internship prior to enrolling in graduate-level courses.

## Specific Program Requirements

Students in the 3+2 BS/MS program must complete the following:

- The requirements for a BS in Engineering including specific concentration, and
- The requirements for the MS in Engineering including thesis or non-thesis options; OR
- The requirements for a BS in Industrial Engineering, and
- The requirements for the MS in Industrial and Systems Engineering including thesis or non-thesis options.

A student may take up to 9 credits of coursework taken at the 500-level while the student is in the 3+2 program that will count toward both the BSE/BSIE and the MSE/MSISE degrees. Courses commonly used for such purposes include EN 540, EN 541, EN 562, or EN 573 for BSE students; and EN 520, EN 571, EN 575, or EN 577 for BSIE students.

The 3+2 program has the following requirements:

Course	Title	Credits
BSE/BSIE Requirements	126 credits required for BSE. 130 credits required for BSIE.	126-130
MSE/MSIE Requirements	30 credits required for non-thesis option. 33 credits required for thesis option.	30-33
<b>Total Credits</b>		<b>156-163</b>

All other requirements for the 3+2 program in engineering are the same as for the regular master's degree. For more information, consult the Engineering (BS), Industrial and Systems Engineering (BSIE), Engineering (MS), and Industrial and Systems Engineering (MS) graduate programs.

- Engineering, Bachelor of Science in Engineering: Mechatronics Specialization (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/bse-mechatronics-specialization/>)
- Industrial Engineering, Bachelor of Science in Industrial Engineering (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/bs-industrial-engineering/>)

- Mechatronics Engineering, Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/mechatronics-engineering-ms/>)
- Industrial and Systems Engineering, Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/industrial-systems-engineering-ms/>)