

# PRE-ENGINEERING

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## Engineering Pre-Professional Programs

Concordia College has partnered with the following universities to create dual degree programs that result in earning a Bachelor of Arts degree with an Applied Science major from Concordia College as well as a Bachelor of Science degree with an engineering major at the partnering institution.

- North Dakota State University Partnership (<https://catalog.concordiacollege.edu/arts-sciences/physics/dual-degree-ndsu/>)
- Valparaiso University Partnership (<https://catalog.concordiacollege.edu/arts-sciences/physics/dual-degree-valparaiso/>)

In these five-year programs, students spend their first three years at Concordia taking courses in physics, mathematics, chemistry, computer science, and the liberal arts. They finish the program by spending the next two years at North Dakota State University or Valparaiso University taking engineering and applied science courses. The partnering universities have different specializations within engineering including, but not limited to, mechanical, electrical, or computer engineering.

The faculty advisors for the pre-engineering program are predominantly members of the physics and mathematics departments. Typical schedules of courses allowing students to meet required core and science courses may be obtained from these advisors.

### Faculty Advisor

Luiz A. Manzoni