

# Dual-Degree Engineering | Major Map

## 2022 GRADUATE CAREER OUTCOMES

Based on information from 100% of graduates

# 100%

**Admitted Into Graduate School  
or Professional Program**

## POPULAR AREAS OF ENGINEERING

- Aeronautical & aerospace
- Chemical
- Civil
- Electrical & electronics
- Electric power & machinery
- Computers
- Geological & mining
- Industrial or management
- Mechanical
- Military
- Naval or Marine
- Nuclear
- Safety

## POPULAR EMPLOYERS

Colleges & universities, government agencies, software development companies, nonprofit research centers, observatories, hospitals & medical centers, manufacturing companies, environmental firms

## PARTNER INSTITUTIONS

Augustana University has dual-degree engineering agreements with three institutions: Columbia University, Washington University in St. Louis, Missouri, and South Dakota State University (SDSU).

For each institution and field of engineering, there is specified set of courses to be completed at Augustana. These requirements are detailed in course requirements for engineering plans. Speak with your advisor to learn more. Students will receive a B.A. from Augustana, in addition to a B.S. in engineering from the partner university.

Augustana students have had a 100% admittance rate at Columbia when completing all requirements.

Students are guaranteed admission to Washington University's engineering school when recommended by Augustana, following successful completion of all the requirements for the specific program.

For students seeking civil and environmental engineering or mechanical engineering degrees, SDSU offers an additional regional option and automatic admission. This program is designed for three years in residence at Augustana and two years at SDSU.



## WHY STUDY DUAL-DEGREE ENGINEERING?

For engineers, the advantages of a liberal arts education are clear. Compared to 50 or 60 years ago, to a good approximation, we can build anything we want. The constraints on design are now cultural, economic, psychological, sociological or environmental — the core of the liberal arts. Here at AU, we provide prospective engineers with a rigorous base of knowledge in science and mathematics. On a more practical level, there is evidence among our graduates that liberally-educated engineers tend to get promoted in large firms more quickly than their peers.

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## FIRST YEAR

## MIDDLE YEAR(S)

## LAST YEAR

### EXCEL ACADEMICALLY

- Take math placement exam to set you up for success in your courses.
- Review SOPHIA program requirements with your academic advisor.
- Review your degree audit report, and create a plan of study in Academic Planner.
- Participate in FYS 112 to confirm your major, hear from upper-level students about signature experiences and chart a personalized plan for your engagement.
- Speak with the dual-degree coordinator during first-year registration. They will help you select the proper courses to take depending upon which engineering school and program you wish to enter.
- Declare ENDD as a major to allow the program coordinator to connect with you.

- Explore interdisciplinary minors or elective credits that interest you.
- Determine which partner school and engineering field you'd like to pursue to make the right choices for prerequisite courses.
- Contact the Student Success Center to declare any second majors or minors.

- Complete the application process for the partner institution.

### ENGAGE & APPLY YOUR LEARNING

- Access your Viking Central account. Participate in campus activities and service learning.
- Explore study-away opportunities at the study-away fairs.
- Create an account in Augie Opportunities.
- Apply for summer research positions within your discipline.

- Attend the Sophomore Retreat.
- Apply for summer internships and research positions in your potential field.
- Engage in campus clubs and gain relevant summer employment.
- Participate in the alumni mentor program.
- Consider elite scholarship opportunities, such as the Fulbright and Goldwater.
- Earn the Diversity Advocate Certificate.
- Apply for Knight Internship Funds and ASA transportation funds. Pursue elite fellowships.

- Take standardized exams (e.g., GRE, DAT, MCAT, OAT), and share your application to graduate or professional schools with your advisor and CAP specialist for feedback.
- Attend the BIG (Business, Industry and Government) Career & Internship Fair.
- Continue to connect with alumni.
- Participate in mock interviews and networking events.
- Complete the career outcome survey to update us of your employment or enrollment in graduate school.
- Join the Augustana alumni community.

**CHART YOUR COURSE TODAY!**

Wendy Mamer, CAP specialist  
Student Success Center, EMC, Suite 100  
605.274.4120 | [wendy.mamer@augie.edu](mailto:wendy.mamer@augie.edu)

Physics Department  
Froiland Science Complex | 605.274.4711