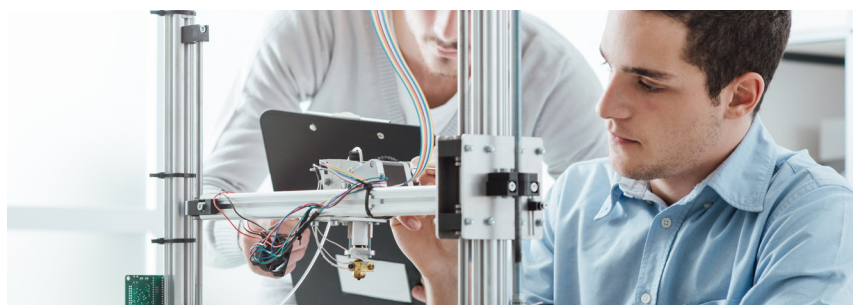


# Engineering Dual Degree Program



## A Liberal Arts Foundation

At Carroll University, we've found a different approach to educate future engineers. Courses and professors guide students in learning, developing, and refining their critical thinking skills while mastering the concepts they need to choose an engineering focus and succeed.

## About The Engineering Dual Degree Program

In Carroll's engineering partnership program, you will earn two bachelor's degrees, one in Applied Physics from Carroll University and another in the engineering discipline of your choice from the partner school. The program includes three years of general core courses and two years of major-specific courses.

### Year 1-3 : General Core Courses

During the first three years, all students follow the same course plan\*. In the engineering dual degree program, students start their studies at Carroll, covering core courses in mathematics, science, and general engineering.

### Year 4-5 : Major-Specific Courses

After the third year, students will choose one of the following pathways leading to dual bachelor's degrees:

#### 1) Dual Degree: Engineering from UW-Platteville & Applied Physics from Carroll

- After the 3rd year, continue for 2 more years at Carroll
- During the 4 & 5th years, take major-specific courses online at UW-Platteville\*\*
- Earn a B.S. in Mechanical or Electrical engineering from UW-Platteville
- Earn a B.S. in Applied Physics from Carroll

#### 2) Dual Degree: Engineering from UW-Milwaukee & Applied Physics from Carroll

- After 3 years at Carroll, transfer to UW-Milwaukee
- Finish the 4 & 5th years in-person at UW-Milwaukee
- Earn a B.S. in the engineering field of your choice from UW-Milwaukee
- Earn a B.S. in Applied Physics from Carroll

## What Makes This Program Unique

- Small class sizes
- Individualized attention from professors and advisors
- No "weed-out" classes
- 100% of students receive financial aid
- Competitive athletics program
- Free supplemental instruction
- Stronger physics foundation enhances understanding of engineering principles
- Supportive faculty
- High graduation rate
- In-demand job market
- Well-paid career

## General Core Courses (Year 1-3)\*

Code	Name	Credits
ENG170	Writing Seminar	4
CCS100	Cultural Seminar	4
CCD	Cross-Cultural Development	-
CCS300	Cross-Cultural Experience	2
CCS400	Global Perspectives Colloquium	2
-	General Education (5 Courses)	20
CSC110	Programming	4
CHE109	Principles of Chemistry I	4
CHE110	Principles of Chemistry II	4
MAT160	Calculus I	4
MAT161	Calculus II	4
MAT207	Calculus III	4
MAT309	Differential Equations	4
MAT312	Probability & Statistics	4
PHY203	General Physics I	4
PHY204	General Physics II	4
PHY301	Electricity and Magnetism	4
PHY303	Modern Physics	4
PHY304	Classical Mechanics	4
PHY320	Thermodynamics	4
GEN100	Engineering Seminar I	1
GEN101	Engineering Seminar II	1
GEN105	Engineering Graphics	4
GEN210	Statics and Dynamics	4
GEN310	Strengths of Materials	4
GEN320	Adv. Circuits and Electronics	2

## Student Success

Carroll University's Office of Student Success helps students stay on the right track, thrive during their time here and succeed at their academic and personal goals.

## Scholarship and Financial Aid

At Carroll 100% of students receive financial assistance. Carroll has a long tradition of working in partnership with students and their families to keep a Carroll education within reach.

For more information visit:

<https://www.carrollu.edu/financial-aid>

For More Information:  
<https://www.carrollu.edu/engineering-dual-degree>



\*There might be a slight difference in coursework depending on the engineering emphases

\*\*Occasional travel to Platteville or Fox Valley for lab work might be required