The UWRF Physics department provides engineering students with a rigorous curriculum and a welcoming, supportive environment. Students can choose from three paths to their engineering degree. These options allow us to customize an academic plan for each student based on their needs and interests.

**Dual Degree Program**

Students complete three years of physics, math, engineering, and general education coursework at UWRF and then two years of upper-level engineering courses at one of our highly-regarded partner institutions: the University of Minnesota – Twin Cities or the University of Wisconsin – Madison.

At the end of approximately five years, students are awarded two degrees: a Bachelors degree in Applied Physics from UWRF and a Bachelors degree in engineering from the partner school. Graduates with both engineering and physics degrees have found that they stand out when they apply for jobs, graduate school, and promotions.

**Pre-Engineering**

Pre-engineering students typically complete two years of physics, math, engineering, and chemistry courses at UWRF. Pre-engineering students then apply and transfer to an engineering university of their choice. Students can usually complete their engineering degree in a total of four years.

**Applied Physics**

Many students choose to complete a four-year Bachelors degree in Applied Physics at UWRF and then a Masters or Ph.D. degree in engineering. A Masters degree in engineering is usually completed in two years or less. Most students who pursue graduate work (either a Masters or Ph.D.) in engineering or physics receive funding to do so.

**Internships**

Paid, professional internships are an important and common component of undergraduate engineering studies at UWRF. Besides building resumes and giving our students a leg up after graduation, internships and undergraduate research experiences provide our students with valuable work experience and hands-on training.

As undergraduates, our students have interned in areas like mechanical engineering, fuel cell technology, corporate research, civil engineering, computer-aided design, microelectronics, and environmental engineering.

The best way to get started on your engineering degree at UWRF is to contact our Dual Degree/Pre-Engineering advisor, Dr. Rellen Hardtke. High school students and students already enrolled at UWRF or another college are encouraged to call, email, or visit for more information about our very successful engineering programs.