



## WHAT CAN I DO WITH AN ENGINEERING DEGREE?

Engineers are involved in every industry you can imagine, providing solutions to problems which improve our lives. Whatever your passion, you can find a path to contribute to projects. They serve the world.

## WHAT ARE THE REQUIRED CORE ENGINEERING COURSES?

Links to core course requirements for undergraduate engineering degrees may be found at the following sites:



## DO I HAVE OPPORTUNITIES FOR HANDS-ON PROJECTS?

Many of our classes and labs require hands-on projects which will develop the skills necessary for your capstone project during your Senior year. The two-semester capstone project provides an opportunity to work with industry partners on real world applications. At St Thomas we believe that learning to apply engineering principles to hands on projects is extremely valuable.

## HOW CAN I GET INVOLVED IN MY CONCENTRATION AREAS?

Student clubs are a great way to develop your network and leadership skills. We have active student clubs for all engineering disciplines, in addition to specific clubs like Women in Engineering, Engineering for a Sustainable World, and Society of Military Engineers. Check out all our clubs!



## **HOW DO I GET INVOLVED IN RESEARCH?**

Great question! Extracurricular research and project work are key components of the engineering experience at St Thomas. Many of our undergraduate students contribute to faculty-mentored research projects involving several exciting topics such as sustainability, robotics, medical devices, and much more. To get involved with research, a student should reach out to faculty who will help find an opportunity that matches their interests and grows their skills.

Our research projects are often directly funded by industry so that students experience the research and development (R&D) needs of high-tech companies. Students are paid and develop marketable engineering skills that stand out on a resume. The research experience often culminates with a student-delivered talk at a conference or a published paper!

## **TELL ME ABOUT INTERNSHIP AND CO-OP EXPERIENCES AVAILABLE**

Internship and Co-op experiences are available with many of our industry partners and sponsors. We encourage all students to participate in an industry internship to gain valuable experience. A co-op experience can fulfill your elective course requirement or count toward requirements of a Minor. Our Career Development Center lists job postings and is a great place to start your search