Students in the School of Engineering, Mathematics and Science (SEMS) benefit from the school’s small class sizes, which allow them to receive personal attention from dedicated faculty members who bring a combination of academic and industry experience to the classroom. The school’s close ties to local industry offer students the opportunity to tackle real-world problems under the guidance of their professors.

All of RMU’s academic programs provide students with communications, business and enterprise skills. This allows our graduates to make an immediate impact in the workplace.

**DEGREES OFFERED**

**Engineering:** BS Manufacturing Engineering, BS Engineering (Biomedical), BS Engineering (Industrial), BS Engineering (Mechanical), BS Engineering (Software), MS Engineering Management

**Mathematics:** BA Applied Mathematics, BS Actuarial Science, BS Applied Mathematics (Teacher Education), BS Applied Mathematics (Financial Mathematics)

**Science:** BS/BA Environmental Science, BS Biology, BS Biology (Pre-Medicine), BS Biology (Teacher Certification), Interdisciplinary Forensics Minor

**OUTREACH PROGRAM**

The SEMS Outreach programs reach over 1,000 middle and high school students. These programs include camps, competitions, conferences, educator receptions, school visits, and tours.

**FAST FACTS**

- 320 Undergraduate Students
- 60 Graduate Students
- 35 Faculty and Staff
- Undergraduate engineering programs accredited by ABET-EAC
- Center of Actuarial Excellence

Employers who have hired or worked with SEMS students include Bayer, Bechtel Bettis, Boeing, Curtiss-Wright, Deloitte, FedEx Ground, The Hartford, Highmark, NASA Langley, TestAmerica U.S. Steel and Siemens.

For more information:

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ENGINEERING
Engineers are problem-solvers who use science and mathematics to find solutions to the challenges facing society. Today’s engineering projects involve teams of people with diverse educational backgrounds. Instead of narrowly focused individuals, employers seek talented problem solvers able to contribute to improving designs, processes and products.

FLEXIBLE PROGRAM OPTIONS
Up to eight months of full time work in an engineering company with on-time completion of the degree program in four years may be available. Integrated BS-MS: MS degree earned two semesters after the BS, GRE waived, number of courses reduced, scholarships continued.

SMALL CLASS SIZE - GREAT LABORATORIES
Our students study engineering in small classes of about 18 students. All of these classes are taught only by enthusiastic professors with considerable teaching and industrial experience. Each engineering course features weekly laboratories where students experience engineering in action and develop engineering skills.

DISTINGUISHING FEATURES
» Hands-on project based education in the Engineering Learning Factory, a $3 million industrial-grade teaching and research facility.
» Communication and Business Skills
» Academically supervised professional internships for credit, focusing on authentic engineering work in an actual firm.
» Real-world capstone senior projects often sponsored by regional engineering companies.

These unique features year after year contribute to our nearly perfect job placement rate.