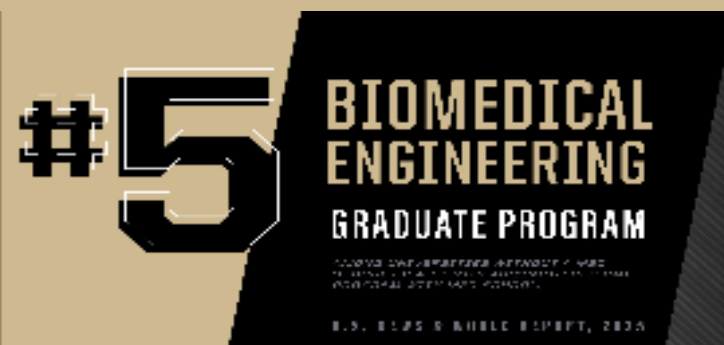


This self funded Professional Master's Program in Biomedical Device Development is optimized for professional engineers or recent graduates with a strong academic background in engineering or related technical field who want to keep current on the evolution of industry, advance to leadership positions and broaden their opportunities in the biomedical device industry. The program also is ideal for those who earned an engineering or technical degree in a different discipline and seek entry into the biomedical device development field.

Students will earn a master's degree in biomedical engineering . Students electing the industry immersion option also will gain up to 12 months of experience working with a leader in the field of biomedical device development.

“ The PMP Program at Purdue has given me the opportunity to work in three labs, including my current role in the Biomechanics Lab. It's been an amazing opportunity to explore my interests in orthopedic medical devices while developing a strong foundation in research and collaboration. The program has helped me grow both academically and professionally, and I'm excited to continue on this path after graduation. ”

- Leia, 5th year PMP student



PROFESSIONAL MASTER'S PROGRAM IN BIOMEDICAL DEVICE DEVELOPMENT

Admissions Requirements

- **BS in an accredited engineering discipline, science, or other technical discipline**
- **Minimum GPA:** 3.0 / 4.0
- **English proficiency**

Application Deadlines

After acceptance into the program, students may begin coursework in the spring, summer or fall semesters.

Fall Entry First Round: Dec. 1 / Rolling until April 15th **Spring Entry:** Sept. 15th
Summer Entry: Feb. 15

How to Apply

Begin the application process at:

www.purdue.edu/BME/Academics/Graduate/Admissions

When completing the application, make the following selections:

- **Locations** — West Lafayette or Indianapolis
- **Proposed Graduate Major** — Biomedical Engineering
- **Area of Interest** — Biomedical Device Development or Biomedical Device Development with Industry Immersion
- **Degree Objective** — MS in Biomedical Engineering

Learn More

<https://engineering.purdue.edu/BME/Academics/PMP>

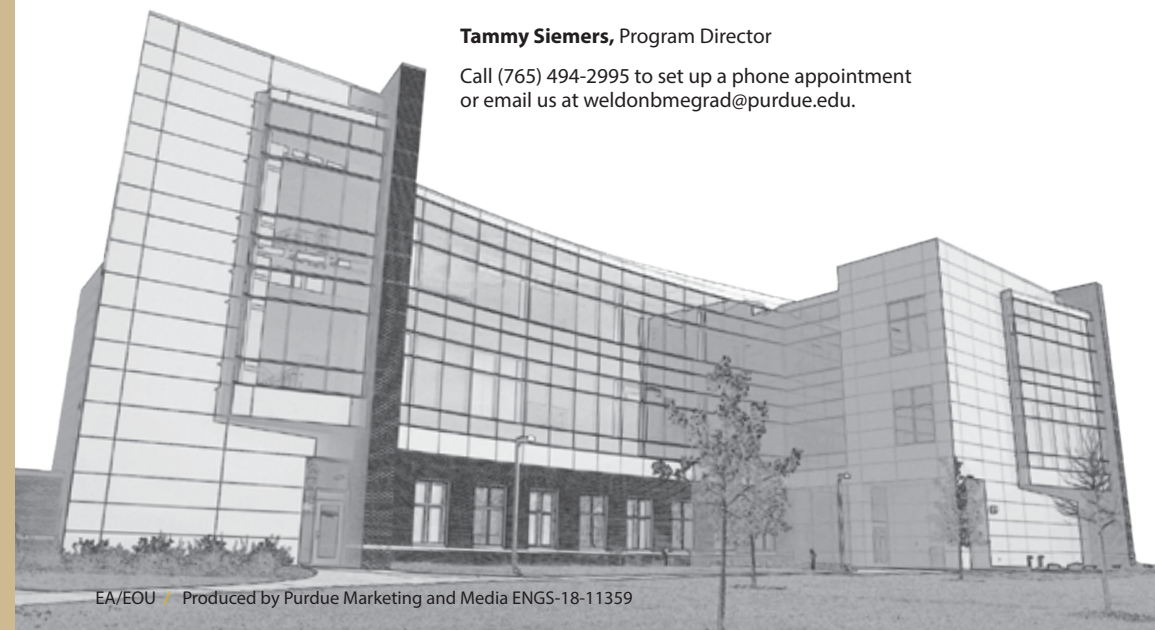


Weldon School of Biomedical Engineering
COLLEGE OF ENGINEERING

Contact Us

Tammy Siemers, Program Director

Call (765) 494-2995 to set up a phone appointment or email us at weldonbmegrad@purdue.edu.



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**Fast-track to a Lucrative Career
in the Biomedical Industry**

**PROFESSIONAL
MASTER'S PROGRAM
IN BIOMEDICAL DEVICE
DEVELOPMENT**

PURDUE
UNIVERSITY®

Weldon School of
Biomedical Engineering

Why choose the Weldon School of Biomedical Engineering?

The Professional Master’s Program in Biomedical Device Development grew out of a demand for broader access to our strong regulatory affairs program and rigorous technical coursework. Our academic programs were built on a deep tradition of industrial and clinical partnerships that drive our academic offerings to the highest standards of the industry.

Benefits

Flexibility and Electives for Specialization

Take advantage of the flexible curriculum and ample electives to custom design a program that fits your interests, career advancement goals and needs of your chosen industry.

Professional Development and Regulatory Affairs

Acquire a well-rounded education, business acumen and highly marketable skills in entrepreneurship, leadership and regulatory affairs. Develop your expertise in preclinical and clinical study design, regulatory issues for approval, quality systems and engineering ethics.

Efficiency and Convenience

Complete the concentrated coursework in as few as three semesters. Both online and on campus options are available for students.

Impacts

- A functional understanding of the design and development of biomedical products and processes at the systems level.
- A practical understanding of the processes to ensure quality, testing and approval of biomedical products.
- A more seasoned ability to make well-reasoned, ethical and socially responsible engineering decisions in a variety of scenarios.
- An experienced skillset of communicating clearly, negotiating effectively and leading strategically while contributing to biomedical engineering projects.



Work Experience Component

The Biomedical Device Development with Industry Immersion program is designed for individuals seeking a work experience and includes a six- to 12-month internship. This direct corporate partnership offers the young professional practical experience during which he or she will acquire firsthand knowledge of a leading medical device company, deepen technical acumen and gain a competitive edge.

“ We consistently need engineers who have not only the foundational skills and knowledge of undergraduate engineering, but who have also furthered their education to develop skills in project management, organizational leadership, and regulatory requirements that govern most of the medical industry. ”

Mark Bleyer, former president, CEO, Cook Biotech

Course Requirements

Both options are non-thesis programs requiring 30 credit hours of academic coursework.

6 credits	Biomedical Engineering
3 credits	Quantitative
3 credits	Life Science
12 credits	Professional Development and Regulatory Affairs
6 credits	Electives for Specialization
30 credits	Total Coursework

Tuition

Tuition and fees for the program are the same as the standard rates for Purdue Engineering graduate students. Registration costs for online courses (optional) are separate. The program is student-funded and not eligible for internal Purdue funding.

Typical Plans of Study

Biomedical Device Development

Semester 1 / Fall / On Campus	12 credits of coursework
Semester 2 / Spring / On Campus	12 credits of coursework
Semester 3 / Summer / On Campus	6 credits of coursework

Biomedical Device Development with Industry Immersion

Semester 1 / Fall / On Campus	9 credits of coursework
Semester 2 / Spring / On Campus	9 credits of coursework
Semester 3 / Summer / Off Campus	Internship + 3 credits of coursework
Semester 4 / Fall / Off Campus	Internship + 3 credits of coursework
Semester 5 / Spring / On Campus	6 credits of coursework

Ask us about the option to earn two degrees in two years:

MS BME from the Weldon School of Biomedical Engineering and MBA from the Krannert School of Management.

