

What is it?

The General Program Option is one of the four specialization options within the Biological Systems Engineering major. It exists for students that do not want to focus on one of the other specializations or want to combine specializations.

In the Industry

The Biological Systems Engineering curriculum can be tailored to fit many different specializations beyond the main ones offered. Examples of other specialization areas include aquaculture engineering, forest engineering, and biomaterials engineering.

Although the Food and Bioprocess Engineering specialization provides an ideal curriculum for students interested in biofuels processing, some students interested in related areas of bioenergy production may elect the General Program Option.

Our program is accredited by the Engineering Accreditation Commission of ABET.



Biological Systems Engineering

UNIVERSITY OF WISCONSIN-MADISON

115 Agricultural
Engineering Building
460 Henry Mall
Madison, WI 53706

Email: bse@wisc.edu
Phone: (608) 262-3310
bse.wisc.edu



College of
Agricultural & Life Sciences
UNIVERSITY OF WISCONSIN-MADISON



College of Engineering
UNIVERSITY OF WISCONSIN-MADISON

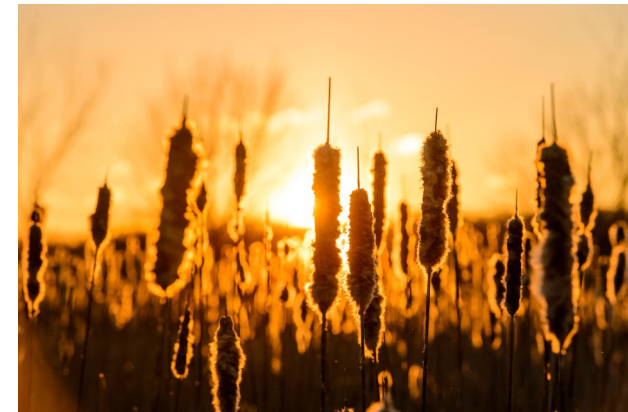


Engineering
Technology
Accreditation
Commission



Biological Systems Engineering

UNIVERSITY OF WISCONSIN-MADISON



General Program Option



General Program Option

Students enrolled in the General Program Option must have their “planned course of study” approved by their BSE department faculty advisor. The primary objective of this review is to check that the planned course of study meets the requirements of the Engineering Accreditation Commission of ABET. A secondary objective of the advisor’s review is to recommend any adjustments that could provide for a more cohesive and/or scholarly plan of study.

Students who complete the requirements of one of the offered specialization areas will have that area of specialization identified on their official transcript. There is no such identification on the transcript of a student enrolled in the General Program Option.

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Where might I work?

Due to the flexibility of the General Program Option, graduates take positions in many different areas, including:

- Analysis Engineer at Kuhn North America
- Environmental Engineer – Eder Associates
- Design Engineer at John Deere Ottumwa Works
- Innovations Engineer at Case New Holland
- Landfill Manager – Superior Services, Inc.
- Manufacturing Engineer – Oscar Mayer Foods Corporation
- New Product Development Engineer at Ford Motor Company
- Process Development Engineer – M&M/Mars



What is a typical starting salary?

- Typical starting salaries are different from area to area, but generally vary from \$50,000 to \$70,000.

Degree Requirements

Total Credits

- The minimum requirement for a Bachelor of Science degree is 125 Credits

General Studies: 20-23 Credits

- Social Sciences
- Humanities
- Ethnic Studies
- Economics
- International Studies
- Oral and Written Communication

Basic Sciences: 37-40 Credits

- Biological Science
- Mathematics
- Chemistry
- Physics

Engineering Sciences: 21 Credits

- Fluids
- Statics and Mechanics of Materials
- Thermodynamics
- Engineering Economics
- Material Properties
- Instrumentation

General Program Option: 44-50 Credits

- Design Capstone
- Technical Electives

More detailed information can be found on our website: bse.wisc.edu