1. At least 6 hours designated “H”, 3 hours designated “S”, and 3 hours designated “A” or “N”, and 3 hours of these, 3 hours need to meet the International Dimension “I” and 3 hours need to meet the Diversity Component “D.”

Horizontal arrows indicate prerequisites.

Shaded Areas Indicate Common Engineering Curriculum Requirements.

Admission Requirements for the Biosystems Engineering Professional School.

Admission to Professional School is required to take the upper level BAE courses. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements. The following is an overview of the minimum curricular requirements necessary to be considered for admission to the BAE Professional School:

- Completion of at least 60 college level semester credit hours (SCH).
- Completion of at least 12 SCH from OSU.
- Completion of MATH 2144, 2153, and 2163; PHYS 2014 and 2114; CHEM 1414; BIOL 1114 or BOT 1404; ENSC 2113, ENSC 3233, plus two additional ENSC courses; ENGL 1113; BAE 2013 and 3033.
- An overall GPA of 2.7 or better at OSU.
- A grade of “C” or better and a GPA of 2.7 or better is required in all math, science, and engineering courses used to satisfy a requirement in the BAE degree plan prior to admission to professional school.

NOTE: This flow chart is for planning purposes only. Students matriculating in AY2019 must meet the degree requirements as stated on the official degree requirement sheet dated “Academic Year 2019-2020.”
BIOSYSTEMS ENGINEERING

PROFESSIONAL SCHOOL OF BIOSYSTEMS ENGINEERING
(ENVIRONMENT & NATURAL RESOURCES OPTION)

Year 3
- CIVE 3833 Appl'd Hydraulics
  Grade Sem
- BAE 3023 Inst & Cncls
  Grade Sem
- ENSC 2143 Strength of Mat'l's
  Grade Sem
- BAE 3013 Heat/Mass Trans
  Grade Sem
- SOIL 2124 or CIVE 3714
  Grade Sem
- BAE 3213 Energy & Power
  Grade Sem
- STAT 4073 Engr Statistics
  Grade Sem
- ENSC 2613 Physical Geology
  Grade Sem
- NREM 3013 Applied Ecology
  Grade Sem

Year 4
- BAE 4001 Prof. Practice
  Grade Sem
- BAE 4012 Engr Design I
  Grade Sem
- BAE 4023 Engr Design II
  Grade Sem
- BAE 4314 Hydrology
  Grade Sem
- BAE 4324 Water Quality
  Grade Sem
- "A", "H", "N", or "S" (3)
  Grade Sem
- "H" (3) "I", "D"
  Grade Sem
- "H"(3) "I", "D"
  Grade Sem

Up to 3 credit hours from an engineering study abroad is allowed.
MINIMUM OF 40 HOURS UPPER DIVISION COURSE WORK IS REQUIRED

MASTER'S PROGRAMS

Criteria for admission to the Graduate College to pursue the Master of Science include:

1. receive a B.S. degree from an accredited institution.

2. academic performance in undergraduate work at a level that indicates a high probability of success in a graduate program requiring a 3.0/4.0 minimum grade point average.

3. recommended for admission to the Graduate College by a Professional School in the College of Engineering.

For further information, contact the School or the Office of the Dean of Engineering.

A flexible study plan is designed to meet each student’s individual goals.