

Agricultural and Biosystems Engineering

Department Information

- **Department Web Site:**
www.ndsu.edu/aben/ (<http://www.ndsu.edu/aben/>)
- **Credential Offered:**
B.S.A.B.En.
- **Official Program Curriculum:**
catalog.ndsu.edu/undergraduate/program-curriculum/agricultural-biosystems-engineering/ (<http://catalog.ndsu.edu/undergraduate/program-curriculum/agricultural-biosystems-engineering/>)

Sample Program Guide

IMPORTANT DISCLAIMER: A Sample Program Guide provides an unofficial guide of program requirements and should be used by prospective students who are considering attending NDSU in the future. It is NOT an official curriculum and should NOT be used by current NDSU students for official degree planning purposes. Note that the official curriculum used by current NDSU students can vary from the Sample Program Guide due to a variety of factors such as, but not limited to, start year, education goals, transfer credit, and course availability.

To ensure proper program completion, enrolled students should utilize Degree Map (<https://www.ndsu.edu/registrar/degreemap/>) and Schedule Planner (<https://www.ndsu.edu/onestop/degree-map-and-planning/>) in Campus Connection and consult regularly with their academic advisor to ensure requirements are being met.

| Freshman | | | |
|----------------------------|---------|---|-----------|
| Fall | Credits | Spring | Credits |
| ABEN 110 | | 3 ABEN 348 | 1 |
| CHEM 121 | | 3 ME 212 | 3 |
| ENGL 110 | | 3 ME 221 | 3 |
| MATH 165 | | 4 CHEM 122 | 3 |
| CHEM/BIO Elective | | 3 ENGL 120 | 3 |
| | | MATH 166 | 4 |
| | | 16 | 17 |
| Sophomore | | | |
| Fall | Credits | Spring | Credits |
| ABEN 255 | | 3 ABEN 263 | 3 |
| COMM 110 | | 3 PHYS 252 | 4 |
| ME 222 | | 3 PHYS 252L | 1 |
| ME 223 | | 3 MATH 266 | 3 |
| MATH 259 | | 3 ME 350 | 3 |
| MATH 128 | | 1 Computer Elective | 3 |
| Gen Ed Elective - Wellness | | 2 | |
| | | 18 | 17 |
| Junior | | | |
| Fall | Credits | Spring | Credits |
| IME 460 | | 3 ABEN 377 | 3 |
| CE 309 | | 3 ABEN 391 | 1 |
| ABEN 358 | | 3 ABEN 482 | 3 |
| ABEN Elective | | 3 ENGL 321 (ENGL 320, 321, 324, or 459) | 3 |
| CHEM/BIO Elective | | 3 ABEN Elective | 3 |

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|---------------------------|----------------|---------------------------------------|----------------|-----------|
| | | Gen Ed Elective - Soc/Beh/Global | | 3 |
| | | 15 | | 16 |
| Senior | | | | |
| Fall | Credits | Spring | Credits | |
| ABEN 486 | | 2 ABEN 487 | | 2 |
| IME 440 | | 2 Tech Elective | | 3 |
| ENGR 327 | | 3 CHEM/BIO Elective | | 3 |
| ABEN Elective | | 3 Gen Ed Elective - Hum/Fine Arts/Div | | 3 |
| Tech Elective | | 5 Gen Ed Elective - Soc/Beh | | 3 |
| | | BUS/COMM Elective | | 3 |
| | | 15 | | 17 |
| Total Credits: 131 | | | | |