

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: This guide is not an official curriculum. This guide is a sample four-year degree plan of how students might plan this major with other degree requirements to complete their education in four years. Student plans will vary from this sample due to a variety of factors, such as, but not limited to, start year, education goals, transfer credit, and course availability. To ensure proper degree 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 academic advisors to ensure graduation 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
BIOL 150, MICR 202, BIOL 111, or BIOL 124		3 ENGL 120	3
BIOL 150L, MICR 202L, or CHEM 121L		1 MATH 166	4
		17	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 CSCI 122, ME 213, GEOG 455, or PAG 215	3
		16	17
Junior			
Fall	Credits	Spring	Credits
IME 460 or STAT 330		3 ABEN 391	1
CE 309 or ME 352		3 ABEN 444 or 452	3
ABEN 358		3 ABEN 482	3
ABEN 479		3 ABEN 484 or 464	3
Program Elective		3 ENGL 321 (ENGL 320, 321, 324, or 459)	3
		Gen Ed - Humanities/Fine Arts	3
		15	16

Senior			
Fall	Credits	Spring	Credits
ABEN 486		2 ABEN 487	2
IME 440		3 Program Elective	6
ENGR 327		3 Gen Ed - Social/Behav/Global	3
Gen Ed - Wellness		2 Gen Ed - Social/Behav	3
Program Elective		3	
Program Elective (300/400 Engr Elective)		3	
		16	14

Total Credits: 128