

Agricultural and Biosystems Engineering

Department Information

- **Department Location:**
100 Agricultural and Biosystems Engineering
- **Department Phone:**
701-231-7261
- **Department Email:**
ndsu.asm@ndsu.edu
- **Department Web Site:**
www.ndsu.edu/aben/ (<http://www.ndsu.edu/aben/>)
- **Credential Offered:**
B.S.A.B.En.
- **Sample Program Guide:**
catalog.ndsu.edu/programs-study/undergraduate/agricultural-biosystems-engineering/ (<http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-biosystems-engineering/>)

Code	Title	Credits
Advanced Biosciences Electives - 9 credits required. Students may double count with other program electives. A minimum of 3 credits must be from non-ABEN prefix courses in the Advanced Biosciences tab.		
ABEN Courses (Eligible for Adv. Biosci.)		
ABEN 444	Transport Processes	
ABEN 452	Bioenvironmental Systems Design	
ABEN 456	Biobased Energy	
ABEN 458	Process Engineering for Food, Biofuels and Bioproducts	
ABEN 464	Resource Conservation and Irrigation Engineering	
ABEN 484	Drainage and Wetland Engineering	
SOIL Courses		
SOIL 322	Soil Fertility and Fertilizers	
SOIL 351	Soil Ecology	
SOIL 410	Soils and Land Use	
SOIL 444	Soil Genesis and Survey	
SOIL 465	Soil And Plant Analysis	
PLSC Courses		
PLSC 320	Principles of Forage Production	
PLSC 335	Seed Technology & Production	
PLSC 350	Sugarbeet Production	
PLSC 411	Genomics	
PLSC 431	Intermediate Genetics	
Additional Course Options		
BIOL 364	General Ecology	
ANSC 357	Animal Genetics	
RNG 452	Managing Natural and Rangeland Resources using GIS	