

# Agricultural and Biosystems Engineering

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## Department Information

- **Department Location:**  
Agricultural and Biosystems Engineering
- **Department Phone:**  
701-231-7261
- **Department Email:**  
ndsu.aben@ndsu.edu
- **Department Web Site:**  
[www.ndsu.edu/aben/](http://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/) (<http://catalog.ndsu.edu/undergraduate/program-curriculum/agricultural-biosystems-engineering/>)

## Sample Program Guide

Please note this is a sample program guide and not an official curriculum. Actual student schedules for each semester will vary depending on start year, education goals, applicable transfer credit, and course availability. Once admitted, students are encouraged to work with their assigned academic advisor on a regular basis to review degree progress.

Freshman			
Fall	Credits	Spring	Credits
ABEN 110		3 ABEN 496 (Ag Tech Expo)	1
CHEM 121		3 ME 221	3
CHEM 121L		1 CHEM 122	3
ENGL 110		3 CHEM 122L	1
MATH 165		4 ENGL 120	3
BIOL 150		3 MATH 166	4
		Computer Elective	3
		<b>17</b>	<b>18</b>
Sophomore			
Fall	Credits	Spring	Credits
ABEN 255		3 ABEN 263	3
CHEM 240		3 PHYS 252	4
COMM 110		3 PHYS 252L	1
MATH 128		1 MATH 266	3
MATH 259		3 Gen Ed Elective	3
ME 222		3 CHEM/BIO Elective	3
		<b>16</b>	<b>17</b>
Junior			
Fall	Credits	Spring	Credits
CE 309		3 ABEN 391	1
IME 440		2 ABEN 444	3
IME 460		3 ABEN 482	3
ENGL 321, 324, or 459		3 ME 350	3
ENGR Elective		3 ABEN Elective	3

CHEM/BIO Elective		3 Gen Ed Elective	5
		<b>17</b>	<b>18</b>
<b>Senior</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
ABEN 486		2 ABEN 487	2
ENGR 402		1 ABEN Elective	3
ABEN Elective		3 ENGR Elective	3
Gen Ed Elective		3 Gen Ed Elective	3
ENGR Elective		3 Tech Elective	3
Tech Elective		3	
		<b>15</b>	<b>14</b>
<b>Total Credits: 132</b>			