

# Precision Agriculture

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## Department Information

- **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.

## Minor Requirements

### Minor: Precision Agriculture

Required Credits: 18

Code	Title	Credits
<b>Required Courses</b>		
PAG 115	Introduction to Precision Agriculture	2
PAG 215	Mapping of Precision Ag Data	3
Select 2 courses from the following:		6
PAG 315	Electronic Systems in Precision Ag	
PAG 454	Applications of Precision Agriculture	
PAG 455	Applications of Big Data in Precision Agriculture	
<b>Elective Courses - Select 6 credits from the following:</b>		<b>6</b>
AGEC 244	Agricultural Marketing	
AGEC 246	Introduction to Agricultural Finance	
AGEC 342	Farm and Agribusiness Management II	
AGEC 350	Agrisales	
ANSC 114	Introduction to Animal Sciences	
ASM 264	Natural Resource Management Systems	
ASM 354	Electricity and Electronic Applications	
ASM 378	Machinery Principles and Management	
ASM 429	Hydraulic Power Principles and Applications	
BIOL 150	General Biology I	
BIOL 150L	General Biology I Laboratory	
CSCI 479	Introduction to Data Mining	
GEOG 455	Introduction to Geographic Information Systems	
GEOG 456	Advanced Geographic Information Systems	
GEOG 470	Remote Sensing	
GEOG 480	Geographic Information Systems Pattern Analysis and Modeling	
ME 311	Introduction To Aviation	
ME 312	Introduction to Flight	
ME 313	Commercial Instrument Ground School	
PAG 315	Electronic Systems in Precision Ag *	
PAG 454	Applications of Precision Agriculture *	
PAG 455	Applications of Big Data in Precision Agriculture *	
PLSC 225	Principles of Crop Production	
NRM 453	Rangeland Resources Watershed Management	
SOIL 217	Introduction to Meteorology & Climatology	

\* May take as an elective if not taken as one of the two courses from the required section.