

# Agricultural Systems Management

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## Department Information

- **Department Web Site:**  
[www.ndsu.edu/aben/](http://www.ndsu.edu/aben/) (<http://www.ndsu.edu/aben/>)
- **Credential Offered:**  
Minor
- **Program Overview:**  
[catalog.ndsu.edu/programs-study/undergraduate/agricultural-systems-management/](http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-systems-management/) (<http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-systems-management/>)

## Minor Requirements

Code	Title	Credits
<b>Required Courses</b>		
ASM 264	Natural Resource Management Systems	3
ASM 354	Electricity and Electronic Applications	3
ASM 373 or ASM 378	Tractors & Power Units Machinery Principles and Management	3
<b>Remaining Credits: Select 7 credits from the following:</b>		<b>7</b>
ASM 225	Computer Applications in Agricultural Systems Management	
ASM 234	3D Printing and Manufacturing	
ASM 323	Post-Harvest Technology	
ASM 374	Power Units Laboratory	
ASM 429	Hydraulic Power Principles and Applications	
ASM 454	Principles and Application of Precision Agriculture	
ASM 475	Management of Agricultural Systems (Capstone)	
ASM 348	Agricultural Technology Exposition	
ASM 496	Field Experience	
ABEN 358	Electric Energy Application in Agriculture	
ABEN 377	Numerical Modeling in Agricultural and Biosystems Engineering	
ABEN 444	Transport Processes	
ABEN 452	Bioenvironmental Systems Design	
ABEN 456	Biobased Energy	
ABEN 464	Resource Conservation and Irrigation Engineering	
ABEN 473	Agricultural Power	
ABEN 478	Machinery Analysis & Design	
ABEN 479	Fluid Power Systems Design	
ABEN 482	Instrumentation & Measurements	
<b>Total Credits</b>		<b>16</b>

## Minor Requirements and Notes:

- A minimum of 8 credits must be taken at NDSU.
- Students must earn a minimum 2.00 GPA for the minor requirements.