Agricultural Systems Management

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.
- **Sample Program Guide:** catalog.ndsu.edu/programs-study/undergraduate/agricultural-systems-management/#planofstudytext (http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-systems-management/#planofstudytext)

Minor Requirements

**Minor: Agricultural Systems Management**

Required Credits: 16

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ASM 264</td>
<td>Natural Resource Management Systems</td>
<td>3</td>
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<tr>
<td>ASM 354</td>
<td>Electricity and Electronic Applications</td>
<td>3</td>
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<tr>
<td>ASM 373</td>
<td>Tractors &amp; Power Units</td>
<td>3</td>
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<tr>
<td>or ASM 378</td>
<td>Machinery Principles and Management</td>
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Remaining Credits: Select 7 credits from the following:

- 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 Bienviromental 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

Total Credits: 16

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.