

# AGRICULTURAL SYSTEMS MANAGEMENT (B.S.S.W.S.)

Required course work includes the university requirements (see regulation J-3 (<https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees/#j3>)) and:

Code	Title	Hours
<b>Soil and Water Systems Core</b>		
ASM 315	Irrigation Systems and Water Management	3
AGED 406	Exploring International Agriculture	3
or SOC 350	Food, Culture, and Society	
ENGL 313	Business Writing	3
or ENGL 317	Technical Writing II	
MATH 143	College Algebra	3
PLSC 102	The Science of Plants in Agriculture	3
SOIL 205	The Soil Ecosystem	3
SOIL 206	The Soil Ecosystem Lab	1
SOIL 438	Pesticides in the Environment	3
STAT 251	Statistical Methods	3
<b>Agricultural Systems Management Courses</b>		
ACCT 201	Introduction to Financial Accounting	3
AGEC 278	Farm and Agribusiness Management	4
AGEC 289	Agricultural Markets and Prices	3
AGEC 356	Agricultural and Rural Policy	3
ASM 107	Beginning Welding	3
ASM 112	Introduction to Agricultural Systems Management	3
ASM 200	Seminar	1
ASM 202	Agricultural Shop Practices	3
ASM 305	GPS and Precision Agriculture	3
ASM 331	Electric Power Systems for Agriculture	3
ASM 409	Agricultural Tractors, Power Units and Machinery Management	4
BIOL 102 & 102L	Biology and Society and Biology and Society Lab	4
BUS 190	Integrated Business and Value Creation	3
BLAW 265	Legal Environment of Business	3
ECON 202	Principles of Microeconomics	3
Select one of the following:		3
FS 303	Food Processing	
SOIL 446	Soil Fertility	
Select one of the following:		4
CHEM 101 & 101L	Introduction to Chemistry and Introduction to Chemistry Laboratory	
CHEM 111 & 111L	General Chemistry I and General Chemistry I Laboratory	
Select one of the following:		4
PHYS 111 & 111L	General Physics I and General Physics I Lab	
PHYS 211 & 211L	Engineering Physics I and Laboratory Physics I	
Select one AgEc Elective - Upper Division course		3

Select one Life Science Elective		3
Select 9 credits of Agricultural and Technical Electives from the following courses or subject areas:		9
FCS 346	Personal and Family Finance and Management	
FCS 446	Financial Counseling and Debt Management	
MATH 160	Survey of Calculus	
MATH 170	Calculus I	
ACCT ( <a href="https://catalog.uidaho.edu/courses/acct/">https://catalog.uidaho.edu/courses/acct/</a> )		
AGLS ( <a href="https://catalog.uidaho.edu/courses/agls/">https://catalog.uidaho.edu/courses/agls/</a> )		
AGEC ( <a href="https://catalog.uidaho.edu/courses/agec/">https://catalog.uidaho.edu/courses/agec/</a> )		
AGED ( <a href="https://catalog.uidaho.edu/courses/aged/">https://catalog.uidaho.edu/courses/aged/</a> )		
ASM ( <a href="https://catalog.uidaho.edu/courses/asm/">https://catalog.uidaho.edu/courses/asm/</a> )		
AVS ( <a href="https://catalog.uidaho.edu/courses/avs/">https://catalog.uidaho.edu/courses/avs/</a> )		
CLDR ( <a href="https://catalog.uidaho.edu/courses/cldr/">https://catalog.uidaho.edu/courses/cldr/</a> )		
FS ( <a href="https://catalog.uidaho.edu/courses/fs/">https://catalog.uidaho.edu/courses/fs/</a> )		
PLSC ( <a href="https://catalog.uidaho.edu/courses/plsc/">https://catalog.uidaho.edu/courses/plsc/</a> )		
REM ( <a href="https://catalog.uidaho.edu/courses/rem/">https://catalog.uidaho.edu/courses/rem/</a> )		
SOIL ( <a href="https://catalog.uidaho.edu/courses/soil/">https://catalog.uidaho.edu/courses/soil/</a> )		

**Total Hours 97**

## Courses to total 120 credits for this degree

Fall Term 1	Hours
ASM 112 Introduction to Agricultural Systems Management	3
ASM 200 Seminar	1
COMM 101 Fundamentals of Oral Communication	3
ENGL 101 Writing and Rhetoric I	3
MATH 143 College Algebra	3
PLSC 102 The Science of Plants in Agriculture	3
<b>Hours</b>	<b>16</b>
Spring Term 1	Hours
ASM 107 Beginning Welding	3
BUS 190 Integrated Business and Value Creation	3
ENGL 102 Writing and Rhetoric II	3
(CHEM 101 AND CHEM 101L) OR (CHEM 111 AND CHEM 111L)	4
Humanistic and Artistic Ways of Knowing Course	3
<b>Hours</b>	<b>16</b>
Fall Term 2	Hours
ACCT 201 Introduction to Financial Accounting	3
BIOL 102 Biology and Society	3
BIOL 102L Biology and Society Lab	1
BLAW 265 Legal Environment of Business	3
STAT 251 Statistical Methods	3
Social and Behavioral Ways of Knowing Course	3
<b>Hours</b>	<b>16</b>
Spring Term 2	Hours
ECON 202 Principles of Microeconomics	3
SOIL 205 The Soil Ecosystem	3
SOIL 206 The Soil Ecosystem Lab	1
Agricultural & Technical, Major Elective Course	3
Elective Course	2
<b>Hours</b>	<b>12</b>
Fall Term 3	Hours
AGEC 278 Farm and Agribusiness Management	4
ASM 315 Irrigation Systems and Water Management	3
ASM 331 Electric Power Systems for Agriculture	3
ENGL 313 OR ENGL 317	3
FS 303 OR SOIL 446	3
<b>Hours</b>	<b>16</b>

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### Spring Term 3

AGEC 289	Agricultural Markets and Prices	3
ASM 202	Agricultural Shop Practices	3
ASM 409	Agricultural Tractors, Power Units and Machinery Management	4
(PHYS 111 AND PHYS 111L) OR (PHYS 211 AND PHYS 211L)		4
<b>Hours</b>		<b>14</b>

### Fall Term 4

AGEC 356	Agricultural and Rural Policy	3
ASM 305	GPS and Precision Agriculture	3
AGED 406 OR SOC 350		3
Humanistic and Artistic Ways of Knowing Course		3
American Diversity Course		3
<b>Hours</b>		<b>15</b>

### Spring Term 4

SOIL 438	Pesticides in the Environment	3
Life Science, Major Elective Course		3
Agricultural & Technical, Major Elective Course		3
Agricultural & Technical, Major Elective Course		3
UPDV AGECE, Major Elective Course		3
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

The degree map is a guide for the timely completion of your curricular requirements. Your academic advisor or department may be contacted for assistance in interpreting this map. This map is not reflective of your academic history or transcript and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding your official degree/certificate completion status.

1. Students have the technical skills and knowledge needed to understand, modify, and integrate agricultural equipment systems.
2. Students use their knowledge of business and physical and biological sciences to creatively solve technical agricultural problems.
3. Students have the techniques, skills, and modern ASM tools necessary for professional practice.
4. Students can effectively communicate regarding agricultural technology and the solutions to agricultural management problems.