

Mechanized Agriculture AS Degree

Flexible 1st Fifteen Units

Instructions:

1. Take AG 115.
2. Take AGM 200.
3. Take AGM 210.
4. Take HE 110, PSYCH 130, or pick any CSU GE: E course with your counselor.¹
5. Take ENGL 100 or 101.
6. Take ART 160, ENGL 161, HUMAN 101, MUSG 101, or pick any CSU GE: Area C1 or C2 course.¹
7. Take PLSC 200 or ANSC 200.
8. Take AGECE 210.
9. Take AGM 262³ or AGM 280².
10. Take MATH 134 (may need MATH 34), Math 89⁴ or MATH 90⁴, or by competency (see a counselor).
11. Take AG 259B.

¹ These are recommendations from area faculty. Consult the catalog and see your counselor for assistance in choosing alternate courses.

² AGM 280 is offered in Fall of odd numbered years.

³ AGM 262 is offered in Spring Semester years

⁴ This class cannot be used for transfer to a CSU, UC, and other many other institutions. Please consult a counselor.

Course Selections:	Units	Term
1. AG 115	<u>1</u>	_____
2. AGM 200	<u>3</u>	_____
3. AGM 210	<u>3</u>	_____
4. _____ <small>general education selection</small>	<u>3</u>	_____
5. ENGL 100 or 101	<u>3 or 5</u>	_____
6. _____ <small>general education selection</small>	<u>3</u>	_____
7. PLSC 200 or ANSC 200	<u>3</u>	_____
8. AGECE 210	<u>3</u>	_____
9. AGM 262 or AGM 280	<u>3</u>	_____
10. MATH 134 (&34), MATH 89 or MATH 90, or by competency	<u>0-6</u>	_____
11. AG 259B	<u>2</u>	_____

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Mechanized Ag AS Career Courses - Complete 5 Units

Course #	Course Title
AG 115 ¹	Introduction to Agriculture Education & Careers (1)
AG 249	Agricultural Internship (2)
AG 259 A-D	Agricultural Work Experience (4)

¹ Required

Mechanized Ag AS Science Breadth - Complete 9 Units

Course #	Course Title
PLSC 200	Introduction to Plant Science (3)
ANSC 200	Introduction to Animal Science (3)
NR 200	Soils (3)
AGEC 225	Agriculture Computer Applications (3) -or-
AGEC 210	Elements of Agricultural Economics (3) -or-
AGEC 200	Agricultural Accounting and Analysis (3)

Mechanized Ag AS Major Courses – Complete 12 Units

Course #	Course Title
AGM 200 AGM 210	Introduction to Mechanical Technology (3) -and- Agricultural Welding (3)
AGM 262 ² AGM 280 ¹	Hydraulics/Pneumatics (3) – or- Mobile Machinery Hydraulic Systems (3)
Fabrication Option	
AGM 251 ²	Farm Construction Materials (3)
Power Option	
AGM 215 ² AGM 240 ²	Machinery Management (3) -or- Truck and Tractor Power Trains (3)

¹ Offered in Fall of even numbered years.

² Offered in Spring semesters each year.

Mechanized Ag AS Major Electives - Complete 4-6 Units

Course #	Course Title
AGM 211 ²	Advanced Agricultural Welding (3)
AGM 214 ¹	Equipment Service and Safety (1)
AGM 235	Irrigation and Drainage (3)
AGM 241 ¹	Diesel Engine Principles (3)
AGM 289 ¹	Principles of Power Mechanics/Small Engines (3)

Any 200 level Ag course, including those that are listed, bur not used in the AS Science Breadth Courses list.

¹ Offered in Fall semesters each year.

² Offered in Spring semesters each year.

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Continue to work with a counselor to make sure that your choices work for all of your intended transfer institutions.

12. Take AGM 251² or AGM 215² or AGM 240² (depending on the Option chosen in Major courses).

13. Take NR 200 or pick an AS Science Breadth Course table selection.

14. Pick an AS Major Elective Course table selection.

15. Pick an AS Major Elective Course table selection.

16. Take AG 101 or any 2 units of courses from the MJC Activities List.

17. Take COMM 100, COMM 102, or any Ag elective course, or any elective course numbered 100-299.¹

18. Take COMM 104, COMM 107, ENGL 103, or any Ag elective course, or any elective course numbered 100-299.¹

19. Take HIST 101, HIST 102, POLSC 101 or any Ag elective course, or any elective course numbered 100-299.¹

20. Take ART 160, ENGL 161, HUMAN 101, MUSG 101, or any Ag elective course, or any elective course numbered 100-299.¹

21. Take AG 259B.

22. If you have not yet reached 60 units take HIST 101, HIST 102, POLSC 101, or any Ag elective course, or any elective numbered 100-299¹

¹ If you are planning to transfer meet with a counselor immediately.

² Offered in Spring semesters each year.

Course Selections:	Units	Term
12. AGM 251 or 215 or 240	<u> 3 </u>	<u> </u>
13. NR 200 or _____ <small>AS Science Breadth selection</small>	<u> 3 </u>	<u> </u>
14. _____ <small>AS Major Elective selection</small>	<u> 3 </u>	<u> </u>
15. _____ <small>AS Major Elective selection</small>	<u> 3 </u>	<u> </u>
16. AG 101 or _____ <small>Activities selection</small>	<u> 2 </u>	<u> </u>
17. _____ <small>general education or elective selection</small>	<u> 3 </u>	<u> </u>
18. _____ <small>general education or elective selection</small>	<u> 3 </u>	<u> </u>
19. _____ <small>general education or elective selection</small>	<u> 3 </u>	<u> </u>
20. _____ <small>general education or elective selection</small>	<u> 3 </u>	<u> </u>
21. AG 259B	<u> 2 </u>	<u> </u>
22. _____ <small>general education or elective selection</small>	<u> 3 </u>	<u> </u>
Expected Term of Graduation	<u> </u>	<u> </u>