

Required Program of Study for Associate of Applied Science Degree (2 years) Agronomy Option

The curriculum in the integrated crop management program is designed to prepare students for a broad range of employment opportunities related to crop production and soil management. Opportunities include crop consulting, fertilizer and agricultural chemical sales, seed production and sales, farm management and farming. The integrated crop management option does not have the emphasis on irrigation that is included in the crop and irrigation technology option.

Freshman Year

FIRST SEMESTER

Course	Credits
AGRI 1000 Microcomputer Applications	2
AGRI 1020 Introduction to Agricultural Records	3
AGRI 1030 Introduction to Soil Science	3
AGRI 1040 Introduction to Soil Science Lab	1
AGRI 1050 Farm Welding	1
AGRI 1060 Farm Welding Lab	2
AGRI 2400 Forage, Pasture & Grassland Production	3
AGRI 2410 Forage, Pasture & Grassland Production Lab	1
MATH 1040 Applied Mathematics I	3
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SECOND SEMESTER

Course	Credits
AGRI 1210 Crop Production	3
AGRI 1220 Crop Production Lab	1
AGRI 1280 Crop Chemicals	2
AGRI 1310 Agribusiness Management	4
AGRI 1350 Tillage, Planting and Spraying Equipment	1
AGRI 1360 Tillage, Planting and Spraying Equipment Lab	1
AGRI 1410 Introduction to the Economics of Agriculture	3
AGRI 1420 Interpersonal Skills	3

Select one of the following courses:

AGRI 1370 Ag Construction	1
AGRI 1380 Ag Construction Lab	1
AGRI 1240 Advanced Farm Welding	1
AGRI 1250 Advanced Farm Welding Lab	2
	20-21

SUMMER

AGRI 2020 Crops and Irrigation	3
AGRI 2030 Crops and Irrigation Lab	1.5
	4.5

NOTE: AGRI 1300 Cooperative Internship I (8 credit hours) may be substituted for summer courses. If taking AGRI 1300, you must register for AGRI 1120 during freshman spring semester.

Sophomore Year

FIRST SEMESTER

Course	Credits
AGRI 1260 Agricultural Marketing	3
AGRI 1400 Farm & Environmental Safety	2
AGRI 2200 Advanced Fertilizers	2
AGRI 2250 Grain Harvesting & Handling Systems	3
AGRI 2450 Modern Technologies in Ag	3
AGRI 2880 Principles of Agricultural Selling	2
ENGL 1050 Career Composition	3
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SECOND SEMESTER

Course	Credits
AGRI 1150 Introduction to Entomology	3
AGRI 2000 Integrated Spreadsheet Applications	3
AGRI 2010 Irrigation and Equipment	3
AGRI 2290 Advanced Agricultural Marketing	3
AGRI 2460 Resource-Efficient Crop Management	3
AGRI 2870 Agricultural Law	3
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NOTE: If student enrolls in ENGL 1010, an oral communication class will also be required. See General Education Requirements.

Up to 39 credit hours of agriculture courses in the above Northeast Agriculture Option will transfer to Wayne State College for the Bachelor of Science Degree/Technology Major/Ag-Tech Option. Twenty-seven hours of lower division (sophomore level and below) general education credits will also transfer to Wayne State College for a total of 66 credit hours.