

AGRONOMY OPTION

Scientific advances are changing the way America and the rest of the world raise field crops and manage soil, in turn affecting the trading and marketing of these commodities. Today’s agronomist needs specialized training in advanced agricultural technologies as well as the expertise in processes related to chemical application, seed conditioning, production, quality, and value-added processing. Industry demand for agronomists is much greater than the supply, and a degree from Northeast carries a strong, positive reputation among potential employers in agronomy. The internship experience will allow students to continue to develop job related skills as an agronomist. Agronomy students at Northeast take courses in areas of soils science, crop science, entomology, forages, chemicals, marketing, sales, computers and precision farming (GPS/GIS) to form a strong foundation in the field. **See page 63 for Agriculture required program of study.**

FRESHMAN YEAR

First Semester

Course	Credits
AGRI 1000 Microcomputer Applications.....	2
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 1410 Introduction to the Economics of Agriculture.....	3
AGRI 2450 Modern Technologies in Ag.....	3
MATH 1040 Applied Mathematics I.....	3
	18

Second Semester

Course	Credits
AGRI 1150 Introduction to Entomology.....	3
AGRI 1210 Crop Production	3
AGRI 1220 Crop Production Lab	1
AGRI 1280 Crop Chemicals.....	2
AGRI 1300 Cooperative Internship I.....	2
AGRI 1350 Tillage, Planting and Spraying Equipment.....	1
AGRI 1360 Tillage, Planting and Spraying Equipment Lab.....	1
AGRI 1420 Interpersonal Skills	3
AGRI 2880 Principles of Agriculture Selling.....	2
	18

Summer

Course	Credits
AGRI 2300 Cooperative Internship II.....	6

NOTE: AGRI 2020 Crops and Irrigation (3 credit hours) and AGRI 2030 Crops and Irrigation Lab (1.5 credit hours) may be substituted for AGRI 1300 and AGRI 2300. Students that do not intern will be required to complete a sixteen week second semester.

SOPHOMORE YEAR

First Semester

Course	Credits
AGRI 1020 Introduction to Agricultural Records	4
AGRI 1290 International Agriculture and Agribusiness.....	3
AGRI 2200 Advanced Fertilizers	2
AGRI 2250 Grain Harvesting & Handling Systems.....	3
AGRI 2400 Forage, Pasture & Grassland Production	3
AGRI 2410 Forage, Pasture & Grassland Production Lab	1
ENGL 1050 Career Composition.....	3
	19

Second Semester

Course	Credits
AGRI 1310 Agribusiness Management	3
AGRI 1400 Farm & Environmental Safety	2
AGRI 2000 Integrated Spreadsheet Applications.....	3
AGRI 2010 Irrigation and Equipment	3
AGRI 2290 Agricultural Commodities Marketing	3
AGRI 2460 Resource-Efficient Crop Management	3
	17

Total Credit Hours

78

NOTE: If student enrolls in ENGL 1010, an oral communication class will also be required. See General Education Requirements on page 37.

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.