

FALL SEMESTER ELECTIVES

ABM 100 Decision-Making in the Agri-Food System - 3 credits
ABM 130 Farm Management I - 3 credits
ABM 222 Agribusiness Sales - 3 credits
ABM 225 Commodity Marketing I - 3 credits
ABM 332 Agribusiness Operation Management - 3 credits
ABM 425 Commodity Marketing II - 3 credits
ABM 430 Farm Management II - 3 credits

AE 150 Metal Fabrication Technology - 2 credits
AE 240 Machine Systems and Management - 3 credits
AE 252 Gasoline and Diesel Engine Technology - 3 credits

ANS 110 Introductory Animal Agriculture - 4 credits
ANS 232 Introduction to Dairy Cattle Management - 3 credits
ANS 242 Introductory Horse Management - 3 credits
ANS 252 Introduction to Management of Avian Species - 3 credits
ANS 272 Introductory Swine Management - 3 credits
ANS 418 Comprehensive Nutrient Management Planning - 3 credits

CSS 120 Issues in Food and Agriculture 3 credits MW 5-6:20 p.m.
CSS 124 Introduction to Sustainable Agriculture Food Systems 1 credit
CSS 201 Forage Crops - 3 credits TTh 9:10 – 10 a.m. and lab Th 3-5 p.m.
CSS 202 World of Turf – 2 credits on-line
CSS 212 Advanced Crop Production - 2 credits T 3-5 p.m.
CSS 424 Sustainable Ag and Food Systems Integration/Synthesis – 3 credits
CSS 442 Agroecology – 3 credits TTh 12:40 – 2 p.m.
CSS 467 Bioenergy Feedstock Production – 3 credits TTh 8:30 – 9:50 a.m.
CSS 477 Pesticides in Pest Management – 3 credits MWF 8 – 8:50 a.m.
CSS 490 Independent Study – variable credits
CSS 499 Undergraduate Research - 3 credits

CSUS 250 Global Issues in ANR – on-line
CSUS 433 Community Food and Agriculture Systems – on-line

EEP 255 Ecological Economics – 3 credits MW 10:20 – 11:40 a.m.
EEP 260 World Food Population and Poverty - 3 credits TTh 8:30 – 9:50 a.m.

GEO 203 Introduction to Meteorology - 3 credits
GEO 221 Introduction to Geographic Information - 3 credits
GEO 324 Remote Sensing of the Environment - 4 credits
GEO 325 Geographic Information Systems - 3 credits
GEO 330 Geography of U.S. and Canada – 3 credits – on-line
GEO 402 Agricultural Climatology - 3 credits MWF 10:20 – 11:10
GEO 410 Geography of Food and Agriculture – 3 credits MW 8:30 -9:50 a.m.

GLG 302 Geology of Michigan - 3 credits TTh 10:20 – 12:10

HDFS 238 Personal Finance – 3 credits

HRT 221 Greenhouse Structures and Management – 3 credits

HRT 332 Tree Fruit Production and Management - 2 credits

HRT 430 Exploring Wines and Vines – 3 credits

HRT 460 Green Roofs and Walls – 1 credit

HRT 486 Biotechnology in Agriculture - 3 credits

STT 421 Statistics I - 3 credits

TSM 343 Precision Agriculture - 3 credits TTh 10:20 – 12:10

ZOL 446 Environmental Issues and Public Policy - 3 credits MW 12:40 – 2 pm.

SPRING SEMESTER ELECTIVES

CSS 124 Introduction to Sustainable Agricultural Food Systems - 1 credit
CSS 135 Crop Scouting and Investigation - 2 credits
CSS 151 Seed and Grain Quality - 2 credits
CSS 294 Issues in International Agriculture - 1 credit
CSS 431 International Agriculture Systems - 3 credits
CSS 455 Pollutants in the Soil Environment - 3 credits
CSS 490 Independent Study – variable credits
CSS 499 Undergraduate Research - 3 credits

ABM 100 Decision-Making in the Agri-Food System - 3 credits
ABM 222 Agribusiness and Food Industry Sales – 3 credits

AE 150 Metal Fabrication Technology – 3 credits

ANS 110 Introductory Animal Agriculture - 4 credits
ANS 222 Introduction to Beef Cattle Management - 3 credits
ANS 262 Introductory Sheep Management - 3 credits

CSUS 343 Community Food and Agriculture Systems – 3 credits
CSUS 354 Water Resources Management – 3 credits

GEO 203 Introduction to Meteorology – 3 credits
GEO 221 Introduction to Geographic Information Systems – 3 credits
GEO 324 Remote Sensing of the Environment - 4 credits
GEO 325 Geographic Information Systems – 3 credits

HDFS 238 Personal Finance – 3 credits

HRT 204 Plant Propagation - 2 credits
HRT 205 Plant Mineral Nutrition – 1 credit
HRT 206 Training and Pruning Plants – 2 credits
HRT 242 Passive Solar Greenhouses – 1 credit
HRT 243 Organic Transplant Production – 1 credit
HRT 251 Organic Farming Principles and Practices - 3 credits
HRT 253 Compost Production and Use – 1 credit
HRT 336 Viticulture and Berry Production – 2 credits
HRT 341 Vegetable Production and Management - 3 credits
HRT 362 Applied Crop Improvement – 1 credit

STT 421 Statistics I - 3 credits