

BSc Agriculture
Crop Science Major

YEAR 1

ECON 101 Introduction to Microeconomics

ECON 102 Introduction to Macroeconomics

MATH 114 Elementary Calculus I

STAT 151 Introduction to Applied Statistics I

Choose one of:

- BIOL 107 Introduction to Cell Biology
- BIOL 108 Introduction to Biological Diversity
- BIOL 207 Molecular Genetics and Heredity
- BIOL 208 Principles of Ecology

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- BIOL 108 Introduction to Biological Diversity
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- BIOL 208 Principles of Ecology
- BIOCH 200 Introductory Biochemistry
- BIOCH 310 Bioenergetics and Metabolism
- EAS 100 Planet Earth
- EAS 105 The Dynamic Earth Through Time

CHEM Organic or Inorganic (*3) ENGL (*3)

ENGL 100-Level (*3)

Free Elective

YEAR 2

AREC 200 Current Economic Issues for Agriculture and Food

AREC 214 Applications of Linear Models to Food, Resources, and Environment

PL SC 221 Introduction to Plant Science

AN SC 200 Principles of Animal Agriculture

ALES 204 Communication Fundamentals for Professionals

Choose one of:

- BIOL 107 Introduction to Cell Biology
- BIOL 108 Introduction to Biological Diversity
- BIOL 207 Molecular Genetics and Heredity
- BIOL 208 Principles of Ecology
- BIOCH 200 Introductory Biochemistry
- PL SC 331 Plant Biochemistry I

Program Course List

- BIOCH 310 Bioenergetics and Metabolism
- AN SC 391 Metabolism
- EAS 100 Planet Earth
- EAS 105 The Dynamic Earth Through Time

CHEM Organic or Inorganic (*3)

REN R 210 Introduction to Soil Science and Soil Resources

Free Elective

Free Elective

YEAR 3

AREC 323 Introduction to Management for Agri-Food, Environmental, and Forestry Businesses

or SMO 301 Behaviour in Organizations

BOT 340 Whole Plant Physiology

Choose two of:

- ENT 222 Agricultural Entomology
- PL SC 352 Invasive Alien Plants: Biology and Control
- PL SC 380 Principles of Plant Pathology

ENCS 356 Principles of Rangeland Conservation and Habitat Management or PL SC 354

Forage Crops

PL SC 324 Crop Ecophysiology

PL SC 355 Cereal, Oilseed, and Pulse Crops

Approved Program Elective

Approved Program Elective

Free Elective

YEAR 4

PL SC 365 Genetic Improvement of Crop Plants or REN R 445 Soil Fertility

PI SC 495 Integrated Crop Protection

PL SC 499 Cropping Systems

Approved Program Elective (300/400 Level)

Approved Program Elective (300/400-Level)

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