



AGRIBUSINESS SYSTEMS

SUGGESTED OCCUPATIONS: AGRICULTURAL SALES, AGRICULTURAL COMMUNICATIONS, BUSINESS EDUCATORS, CREDIT ANALYST, LOAN OFFICER

Year One

- English 9
- Earth Science
- World History I or World Geography
- Pre-Algebra, Algebra I, Geometry, or Algebra II
- PE 9 & Nutrition/Wellness or PE 9 & Spanish I or II
- Introduction to Animal Systems
- Electives

Year Two

- English 10 and World History II
- Biology
- Algebra I, Geometry, Algebra II, Advanced Algebra/Trig, or Algebra Functions & Data Analysis
- PE 10 & Spanish II or III
- Agriculture Production Technology
- Electives

AGRIBUSINESS SYSTEMS

Year Three

- English 11 and United States History
- Anatomy and Physiology, DE Biology, or Chemistry
- Geometry, Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Entrepreneurship Education
- Economics & Personal Finance
- Electives

Year Four

- English 12 and Government
- Anatomy and Physiology, DE Biology, Chemistry, or Physics
- Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Business Management
- Electives



ANIMAL SYSTEMS

SUGGESTED OCCUPATIONS: VETERINARY SCIENCE, ANIMAL CARETAKER,
LIVESTOCK MANAGEMENT, AGRICULTURAL EDUCATOR

Year One

- English 9
- Earth Science
- World History I or World Geography
- Pre-Algebra, Algebra I, Geometry, or Algebra II
- PE 9 & Nutrition/Wellness or PE 9 & Spanish I or II
- Introduction to Animal Systems
- Electives

Year Two

- English 10 and World History II
- Biology
- Algebra I, Geometry, Algebra II, Advanced Algebra/Trig, or Algebra Functions & Data Analysis
- PE 10 & Spanish II or III
- Small Animal Care I
- Electives

Year Three

- English 11 and United States History
- Anatomy and Physiology, DE Biology, or Chemistry
- Geometry, Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Small Animal Care II
- Economics & Personal Finance
- Electives

Year Four

- English 12 and Government
- Anatomy and Physiology, DE Biology, Chemistry, or Physics
- Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Electives
- Internship



ENVIRONMENTAL SERVICE SYSTEMS

SUGGESTED OCCUPATIONS: WILDLIFE MANAGER, ECOLOGISTS, WATER MONITORING
TECHNICIAN, ENVIRONMENTALIST, ENVIRONMENTAL SCIENCE TEACHER

Year One

- English 9
- Earth Science
- World History I or World Geography
- Pre-Algebra, Algebra I, Geometry, or Algebra II
- PE 9 & Nutrition/Wellness or PE 9 & Spanish I or II
- Introduction to Animal Systems
- Electives

Year Two

- English 10 and World History II
- Biology
- Algebra I, Geometry, Algebra II, Advanced Algebra/Trig, or Algebra Functions & Data Analysis
- PE 10 & Spanish II or III
- Agriculture Production Technology
- Electives

ENVIRONMENTAL SERVICE SYSTEMS

Year Three

- English 11 and United States History
- Anatomy and Physiology, DE Biology, or Chemistry
- Geometry, Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Introduction to Natural Resources
- Economics & Personal Finance
- Electives

Year Four

- English 12 and Government
- Anatomy and Physiology, DE Biology, Chemistry, or Physics
- Ecology
- Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Electives
- Internship



FOOD PRODUCTS AND PROCESSING SYSTEMS

SUGGESTED OCCUPATIONS: AGRICULTURAL SALES, AGRICULTURAL COMMUNICATIONS,
PRODUCE BUYER, MEAT PROCESSOR, FOOD AND DRUG INSPECTOR, FOOD SCIENTIST,
AGRICULTURAL EDUCATOR

Year One

- English 9
- Earth Science
- World History I or World Geography
- Pre-Algebra, Algebra I, Geometry, or Algebra II
- PE 9 & Nutrition/Wellness or PE 9 & Spanish I or II
- Introduction to Animal Systems
- Electives

Year Two

- English 10 and World History II
- Biology
- Algebra I, Geometry, Algebra II, Advanced Algebra/Trig, or Algebra Functions & Data Analysis
- PE 10 & Spanish II or III
- Agriculture Production Technology
- Electives

FOOD PRODUCTS AND PROCESSING SYSTEMS

Year Three

- English 11 and United States History
- Anatomy and Physiology, DE Biology, or Chemistry
- Geometry, Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Entrepreneurship Education
- Economics & Personal Finance
- Electives

Year Four

- English 12 and Government
- Anatomy and Physiology, DE Biology, Chemistry, or Physics
- Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Electives
- Internship



NATURAL RESOURCES SYSTEMS

SUGGESTED OCCUPATIONS: PARK MANAGER, WILDLIFE MANAGER, LOGGERS,
AGRICULTURAL EDUCATOR, PULP AND PAPER INDUSTRY

Year One

- English 9
- Earth Science
- World History I or World Geography
- Pre-Algebra, Algebra I, Geometry, or Algebra II
- PE9 & Nutrition/Wellness or PE 9 & Spanish I or II
- Introduction to Animal Systems
- Electives

Year Two

- English 10 and World History II
- Biology
- Algebra I, Geometry, Algebra II, Advanced Algebra/Trig, or Algebra Functions & Data Analysis
- PE 10 or Spanish II or III
- Agriculture Production Technology
- Electives

NATURAL RESOURCES SYSTEMS

Year Three

- English 11 and United States History
- Anatomy and Physiology, DE Biology, or Chemistry
- Geometry, Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Ecology & Natural Resources
- Economics & Personal Finance
- Electives

Year Four

- English 12 and Government
- Anatomy and Physiology, DE Biology, Chemistry, or Physics
- Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Electives
- Internship

PLANT SYSTEMS

SUGGESTED OCCUPATIONS: GREENHOUSE MANAGER, LANDSCAPER,
SOIL & WATER SPECIALIST, GOLF COURSE MANAGER, FLORIST, PESTICIDE

Year One

- English 9
- Earth Science
- World History I or World Geography
- Pre-Algebra, Algebra I, Geometry, or Algebra II
- PE 9 & Nutrition/Wellness or PE 9 & Spanish I or II
- Horticulture
- Electives

Year Two

- English 10 and World History II
- Biology
- Algebra I, Geometry, Algebra II, Advanced Algebra/Trig, or Algebra Functions & Data Analysis
- PE 10 & Spanish II or III
- Floriculture Design
- Electives

Year Three

- English 11 and United States History
- Anatomy and Physiology, DE Biology, or Chemistry
- Geometry, Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Ecology
- Economics & Personal Finance
- Electives

Year Four

- English 12 and Government
- Anatomy and Physiology, DE Biology, Chemistry, or Physics
- Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Electives
- Internship

POWER, STRUCTURAL, & TECHNICAL SYSTEMS

SUGGESTED OCCUPATIONS: AGRICULTURAL ENGINEER, DATABASE ADMINISTRATOR, ELECTRONIC SYSTEMS TECHNICIAN, MACHINIST, WASTE WATER TREATMENT, PLANT OPERATOR, WELDER

Year One

- English 9
- Earth Science
- World History I or World Geography
- Pre-Algebra, Algebra I, Geometry, or Algebra II
- PE 9 & Nutrition/Wellness or PE 9 & Spanish I or II
- Animal Systems
- Electives

Year Two

- English 10 and World History II
- Biology
- Algebra I, Geometry, Algebra II, Advanced Algebra/Trig, or Algebra Functions & Data Analysis
- PE 10 & Spanish II or III
- Welding I
- Electives

Year Three

- English 11 and United States History
- Anatomy and Physiology, DE Biology, or Chemistry
- Geometry, Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Welding II
- Economics & Personal Finance
- Electives

Year Four

- English 12 and Government
- Anatomy and Physiology, DE Biology, Chemistry, or Physics
- Algebra II, Adv. Algebra/Trig, Statistics, Algebra Functions & Data Analysis, or Pre-calculus
- Welding III
- Electives
- Internship