

EXAMPLE OF COURSES TAKEN: **BIOLOGY**

FIRST YEAR

FALL

Biology I | Chemistry I
Composition I | FRS Seminar (Individual)

J-TERM

FRS Seminar (Environment)

SPRING

Biology II | Chemistry II | Composition II
FRS Seminar (American Community)
Elective

SOPHOMORE YEAR

FALL

Genetics | Organic Chemistry I
Statistics | Biblical Studies

J-TERM

Experiential Course

SPRING

Ecology/Evolution | Organic Chemistry II
Elective | Literature | Research Seminar

JUNIOR YEAR

FALL

Vertebrate Zoo. | Cell Biology
Physics I | Foreign Language I

J-TERM

SPRING

Botany Course | Social Science
Physics II | Foreign Language II

SENIOR YEAR

FALL

Animal Physiology | Senior Seminar
Senior Thesis I | Western Civilization

J-TERM

Ethics

SPRING

Biology Course | Fine Arts
Senior Thesis II | World Cultures

BIOLOGY CURRICULUM *(minimum requirements)*

ENTRY LEVEL *(all required)*

Introductory Biology (organismal) | Introductory Biology (cellular)

BASIC COURSES *(all required)*

Genetics | Ecology/Evolution | Research Methods | Chemistry I | Chemistry II

ACADEMIC CLUSTERS *(pick 1 from each cluster)*

Animal Organismal: Comp. Vertebrate Zoology OR Comp. Invertebrate Zoology

Plant Organismal: Plant Diversity OR Flowering Plants

Organ/System Biology: Animal Physiology OR Developmental Biology

Cellular Biology: Cell and Tissue Biology OR Microbiology

EMPHASIS AREA *(minimum 1)*

Vert. Field Zoo. | Molecular Bio. | Plant Ecology | Microbial Ecology | Special Topics

RESEARCH

Senior Thesis 1 | Senior Thesis 2 | Internship/Practicum

CHEMISTRY CURRICULUM *(minimum requirements)*

ENTRY LEVEL *(all required)*

Chemistry I | Chemistry II | Calculus I

BASIC COURSES *(all required)*

Organic Chemistry I | Organic Chemistry II | Physics I | Physics II | Calculus II

ADVANCED COURSES *(all required)*

Analytical Chemistry | Physical Chemistry I | Physical Chemistry II

EMPHASIS AREA *(minimum 1)*

Biochemistry | Instrumental Methods | Physical Chemistry Lab | Special Topics

RESEARCH

Senior Thesis 1 | Senior Thesis 2 | Research Seminar | Internship/Practicum