B.S. in Chemical and Biological Engineering

Bioscience Elective List

Biochemistry
BC 401: Comprehensive Biochemistry I
BC 403: Comprehensive Biochemistry II (BC 401)
BC 404: Comprehensive Biochemistry Lab (BC 401)

Bioagricultural Sciences and Pest Management
BSPM 302: Applied and General Entomology
BSPM 303A: Entomology Lab (BSPM 302)
BSPM 361: Elements of Plant Pathology

Biomedical Sciences
BMS 300: Principles of Human Physiology
BMS 301: Human Gross Anatomy
BMS 302: Laboratory in Principles in Physiology (BMS 300/360)
BMS 360: Fundamentals of Physiology

Botany/Zoology
BZ 310: Cell Biology
BZ 315: Marine Ecology
BZ 346: Population and Evolutionary Genetics
BZ 350: Molecular and General Genetics

Environmental and Radiological Health Sciences
ERHS 300: Introduction to Radiation Biology
ERHS 448: Environmental Contaminants: Exposure and Fate

Life Sciences
LIFE 201B: Introductory Genetics
LIFE 202B: Introductory Genetics Recitation (LIFE 201B)
LIFE 203: Introductory Genetics Laboratory (LIFE 201B)
LIFE 210: Introductory Eukaryotic Cell Biology
LIFE 211: Eukaryotic Cell Biology Recitation (LIFE 210)
LIFE 212: Intro Cell Biology Laboratory (LIFE 210)
LIFE 320: Ecology

Microbiology
MIP 300: General Microbiology
MIP 301: Fundamental Microbiology Laboratory Techniques (MIP 300)
MIP 302: General Microbiology Laboratory (MIP 300)

Soil and Crop Sciences
SOCR 330: Principles of Genetics
SOCR 331: Genetics Laboratory (SOCR 330)

Taking BC 401, 403, and 404 (8 cr.) satisfies the requirements for BC 351 and the bioscience elective, as well as 1 cr. of the technical elective requirement.

*Note: LIFE 103 (Biology of Organisms-Animals and Plants) is only allowed for students who are pre-med, pre-vet, etc. (except with special permission from your advisor). LIFE 210 (Eukaryotic Cell Biology) is recommended instead.