



## **Biology Minor Requirements** (2016-2017 SJU Undergraduate Catalog)

### **Contact Information:**

Dr. Julia Lee-Soety, Advising Coordinator, Department of Biology

Email: [jlee04@sju.edu](mailto:jlee04@sju.edu)

Telephone: 610-660-3439

Office: 227 Science Center

Website: <http://www.sju.edu/academics/cas/biology/index.html>

The minor in biology requires completion of the following courses:

- CHM 120 (or CHM 121)/120L General Chemistry I + Lab
- CHM 125 (or CHM 126)/125L General Chemistry II + Lab
- BIO 101/101L Biology: Cells I + Lab
- BIO 102/102L Biology: Genetics and Evolutionary Biology + Lab
- BIO 201/201L Biology III: Organismic Biology + Lab
- Three additional courses in the 400 series representing at least two of the course groups (A, B, C) listed below.

### **Group A: Cell Structure and Function**

BIO 402	Advanced Cell Biology
BIO 404	Biochemistry
BIO 408	Histology
BIO 410	Light and Electron Microscopy
BIO 411	Molecular Genetics
BIO 412	Neurobiology
BIO 416	Microbiology
BIO 421	Molecular and Cellular Biophysics
BIO 424	Biotechnology
BIO 428	Histopathology

### **Group B: Systematic Organization**

BIO 403	Biometrics and Modeling
BIO 405	Biomechanics
BIO 407	Developmental Biology
BIO 413	Plant Physiological Ecology
BIO 415	Immunology
BIO 417	Systemic Physiology
BIO 425	Bacterial Pathogenesis

### **Group C: Evolution and Diversity of Life**

BIO 401	Animal Behavior
BIO 406	Comparative Anatomy
BIO 409	Ecology
BIO 414	Plant Systematics
BIO 419	Invertebrate Zoology
BIO 420	Bioinformatics
BIO 422	Applied & Environ. Microbiology
BIO 423	Evolution