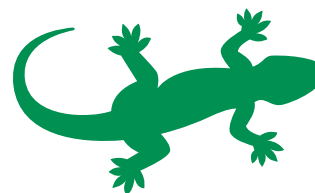


**Check List  
Biology Major (S23)**

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**Overall:**

9.5 cr. in Biology + 1 cr. CHEM120 + 1 cr. allied course

**Core Courses :**

- BIO101 Molecules, Genes & Cells
- BIO102 Ecology, Organisms & Evolution
- CHEM120 Structure & Properties of Organic Molecules
- Allied Course (1 cr.; CHEM240, CHEM260, CSC121, GEOS110, PHYS120)
- BIO450 Senior Seminar (0.5 cr.)

**Cluster requirements:**

- Cellular and Molecular Biology (1 cr.): BIO241, BIO250, BIO314, BIO315, BIO325, BIO381
- Organismal Biology (1 cr.): BIO230, BIO234, BIO235, BIO285, BIO334, BIO335
- Ecology/Evolution (1 cr.): BIO342, BIO344, BIO345, BIO346, BIO348

**Four 200-400 level BIO courses (1cr. each)**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**300 - 400 level requirement:**

- Three 300-400 level courses (1cr. each) completed

**Semester Research for Credit:**

- BIO490 (can be taken for **0.25, 0.5 or 1 cr. each semester**; up to 1 cr. counts for the major; additional credits count towards DePauw course credits)

**DePauw Graduation Requirements**

(AH, SM, & SS from different departments each)

- Arts & Humanities (1 cr.)
- Arts & Humanities (1 cr.)
- Science & Math (1 cr.)
- Science & Math (1 cr.)
- Social Science (1 cr.)
- Social Science (1 cr.)
- Language 1 (1 cr.)
- Language 2 (1 cr.)
- Global Learning (1 cr.)
- Power, Privilege, and Diversity (1 cr.)

**Competency:**

- W (end of sophomore year)
- Q (end of Junior year)
- S (end of senior year)

**Extended Studies:**

- Course 1 or Internship 1
- Course 2 or Internship 2

**Other:**

- \_\_\_\_\_
- \_\_\_\_\_

**Credits Total:** \_\_\_\_\_



## **Course numbers and titles**

BIO101 Molecules, Genes and Cells w/lab  
BIO102 Evolution, Organisms and Ecology w/lab  
BIO190 Topics

BIO230 Plant Biology w/lab  
BIO234 Evolutionary Developmental Biology  
BIO241 Intermediate Cellular Biology w/lab  
BIO250 Microbiology w/lab  
BIO235 Organismal Biology  
BIO285 Biodiversity  
BIO290 Topics  
BIO314 Biochemistry and Cellular Biology w/lab  
BIO315 Molecular Biology w/lab  
BIO320 Genetics w/lab  
BIO325 Bioinformatics w/lab  
BIO334 Developmental Biology w/lab  
BIO335 Animal Physiology w/lab  
BIO342 Ecology w/lab  
BIO344 Ecological and Evolutionary Genetics w/lab  
BIO345 Conservation Biology w/lab  
BIO346 Plant Animal Interactions w/lab  
BIO348 Behavioral Ecology w/lab  
BIO361 Immunology  
BIO381 Cell Signaling  
BIO382 Neurobiology  
BIO385 Molecular Neurobiology  
BIO390 Topics  
BIO415 Molecular Genetics & Genomics  
BIO450 Senior Seminar  
BIO490 Independent Study

CHEM120 Structure and Properties of Organic Molecules w/lab  
CHEM240 Structure and Function of Biomolecules w/lab  
CHEM260 Thermodynamics, Equilibrium and Kinetics,  
CSC121 Computer Science I  
GEOS110 Earth and the Environment  
PHYS120 Principles of Physics I w/lab