**BIOSC #** | **Cr** | **Grade** | **Notes**  
--- | --- | --- | ---  
005 X Intro Bio Lab I | 1 | |  
006 X Intro Bio Lab II | 1 | |  
0150 Intro Bio I (UHC0715) | 3 | |  
0160 Intro Bio II (UHC0716) | 3 | |  
0350 Genetics | 3 | | (Elective)  
1810* Macromolec (F) | 3 | |  
1820* Metabol. Path. (Sp) | 3 | |  
1940 Molecular Biol. (F) | 3 | |  
1500 Cell Biology (F) | 3 | |  
1520 Developmental (Sp) | 3 | |  
1540 Cell/Dev (Sp) | 3 | |  
1511 • 1531 • 1561 • 1831 • 1951 # (WRIT) | 1 | | (Elective Lab*)  
1560 Sr Sem Cell/Dev (Sp) | 1 | |  
**TOTAL** | | |  

**BIOSC must total 32 Credits**  
* Biosc 1810+1820 = Biochemistry, do not take Biosc 1000  
* 2 labs chosen from 1510, 1530, 1830, 1950  
# choose one Biosc WRIT Practicum, see back for details

**Foundational Skills Requirements**  
Wrkshp Comp _____  Sem in Comp _____  
Writ #1___________  Writ #2 (in BIOSC)  
Algebra ___________  Formal Reas. ________

**General Education Requirements**  
Lit__________________________  
The Arts________________________  
2nd Lit/Arts or CEX________________  
Phil___________________________  
Soc Sci________________________  
Hist___________________________  
Natural Sciences  *Fulfilled by Major*  
2nd Lang.______________________  
IFC 1__________________________  
IFC 2__________________________  
IFC 3__________________________  
IFC Non-Western_________________

Any Non-Western course fills 2 Disciplinary Approach requirements - itself and one other.

**CHEM #** | **Cr** | **Grade** | **Notes**  
--- | --- | --- | ---  
0110 Gen 1 | 4 | |  
0120 Gen 2 | 4 | |  
0310 Org 1 | 3 | |  
0320 Org 2 | 3 | |  
0345 Org Lab | 2 | |  

**MATH #** | **Cr** | **Grade** | **Notes**  
--- | --- | --- | ---  
0220 Calc 1 | 4 | |  
0230 Calc 2 | 4 | |  

**PHYS #** | **Cr.** | **Grade** | **Notes**  
--- | --- | --- | ---  
0110 (alg) | 3 | |  
0111 (alg) | 3 | |  
0174 (calc) | 4 | |  
0175 (calc) | 4 | |  
0212 or 0219 (lab)2 | | |  

Take one sequence (alg OR calc). Lab is not needed for degree but required for medical schools and some graduate schools.

**Date** | **Co-req.** | **BIOSC GPA**  
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**Notes about Grades:**  
You must earn a grade of ‘C’ or better (Not ‘C-‘) in your 32 credits of Biology courses for the BIOSC major.  
You must average a 2.0 GPA in your coreq courses (chem, math, phys) and your related area (chem) courses.

***See back for additional details.***
Major Worksheet: Molecular Biology – Cell/Developmental

**BIOSC course options to complete Molecular Biology - Cell/Developmental Track**

1. Complete 3 credits from BIOSC ELECTIVES and
2. Complete two labs from the LAB OPTIONS listed below

**BIOSC ELECTIVES**: Refer to Biological Sciences Course List handout in A258 Langley, or view online at: biology.pitt.edu/undergraduate/courses

Up to 3 credits of the following may be also used as BIOSC electives:
- NROSC 1000, 1003 (UHC), 1020, 1012/17, 1045 (UHC), ANTH 1601, 1602, 1603, 1605, 1611.
- BIOSC 1690, 1901-1904, 1906, 1907 are not usable as elective credits for major.

**LAB OPTIONS** (select two): more may be taken as elective credits
- **BIOSC 1510** Cell Biology Laboratory (Fall) 1
- **BIOSC 1530** Developmental Biology Laboratory (Spring) 1
- **BIOSC 1830** Biochemistry Laboratory (Spring) 2
- **BIOSC 1950** Molecular Genetics Laboratory (Fall) 2

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**Grade and GPA Requirements:**

a) **You must have** a grade of "C" or better in your 32 credits of Biology courses for the BIOSC major - this means no C- in a BIOSC course can be used for the major. However, a C- can count towards your total 120 credits for the bachelor's degree, and is averaged into your BIOSC GPA.

b) **AND** an overall BIOSC GPA (32 plus any extra BIOSC credits) of 2.0 or better.

c) **AND** your corequisite GPA (chem, math, phys) must average to 2.0 or better. [Thus, a grade lower than C in Math, Chemistry or Physics can be used if the co-req GPA still averages to 2.0. See exceptions below.]

d) **Exceptions:**
   - Students must pass CHEM 0110 and CHEM 0120 with a grade of C (not C-) or better for the major.
   - Students must pass PHYS 0110 with a grade of C (not C-) or better to enroll in PHYS 0111.
   - Students must pass MATH 0220 with a grade of C (not C-) or better to enroll in MATH 0230.

e) **AND** your related area GPA (chemistry courses) must average to 2.0.

f) To receive the **chemistry minor**, you must earn at least a 2.0 average GPA in the corequisite chemistry courses and BIOSC 1810, AND at least half of the chemistry credits must be earned at the Pittsburgh Campus. Only CHEM 0110 and CHEM 0120 can be taken on a S/NC basis, all other classes for the chemistry minor need to be taken for a letter grade.

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**Calculating your GPA - The Bio advisors have a GPA calculator spreadsheet – ask and we’ll send it to you.**

OR for instructions on how to calculate your GPA, go to: asundergrad.pitt.edu/advising-center/gpa-calculator