**Foundational Skills Requirements**

**General Education Requirements**

**CO-REQUISITES for major (Chem, Math, Phys):**

**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 co-req courses (chem, math, phys) and your related area (chem) courses.

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### Notes about Grades:

****See back for additional details.****
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) | 3 |
| BIOSC 1950 | Molecular Genetics Laboratory (Fall) | 2 |

**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, phy) 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