**Major Worksheet: Molecular Biology – Biochemistry**

### Foundational Skills Requirements

- Wrkshp Comp _____  Sem in Comp _____
- Writ #1___________  Writ #2 (in BIOSC)
- Algebra (Satis. by major)  Formal Reas. (Satis. by major)

### 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.

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

#### CHEM #  

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

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

****See back for additional details.****
For BIOSC electives to complete major, see Biological Sciences Course List 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.

**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 coreq 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.
   - Students must pass MATH 0230 with a grade of C (not C-) or better to enroll in BIOSC 1470.

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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**Departmental WRIT Practica Courses**

Any of these three courses satisfies the WRIT Requirement for MOLBIO Biochem Majors when taken along with the lab or seminar:

- 1581 Biochemistry Seminar Prac 1
- 1831 Biochemistry Laboratory Prac 1
- 1951 Molecular Genetics Laboratory Prac 1

These W courses are restricted to other Bio majors:

- 0391 Ecology Lab Prac 1
- 1010 Communicating in the Biological Sciences 2
- 1291 Microbial Genetics Lab Prac 1
- 1511 Cell Biology Laboratory Prac 1
- 1551 Ecology & Evolution Seminar Prac 1
- 1561 Cell & Developmental Bio Seminar Prac 1
- 1571 Microbiology Seminar Prac 1
- 1741 Virology Laboratory Prac 1
- 1861 Microbiology Laboratory Prac 1

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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