

**CHEMISTRY DEPARTMENT
ADVISING WORKSHEET
Chemistry (Biochemistry Concentration)
2007-08 Bulletin**

Name _____

Communications (9)

- *ENGL 1010 (3) _____
 *ENGL 1020 (3) _____
 *COMM 1010 (3) _____

Humanities/Fine Arts (9)

- *ENGL 2030 (3) _____
 (Select one course from each of
 two disciplines below.)

- ART 1030 (3) _____
 MUS 1030 (3) _____
 MUS 2030 (3) _____
 PHIL 1030 (3) _____
 PHIL 1040 (3) _____
 PHIL 2200 (3) _____
 THEA 1030 (3) _____

Social & Behavioral Sciences (6)

(Select one course from each of
 two disciplines below.)

- ECON 2010 (3) _____
 GEOG 1010 (3) _____
 GEOG 1020 (3) _____
 GEOG 1030 (3) _____
 HHP 1250 (3) _____
 HIST 1210 (3) _____
 HIST 1220 (3) _____
 POLS 2010 (3) _____
 POLS 2040 (3) _____
 POLS 2070 (3) _____
 PSY 1010 (3) _____
 SOC 2010 (3) _____
 SOC 2050 (3) _____
 SOC 2500 (3) _____

History (6)

- (Select any two)
 HIST 2010 (3) _____
 HIST 2020 (3) _____
 HIST 2030 (3) _____

- *APSU 1000 (1) _____

Natural Sciences (8)

(Select any two courses)

- ASTR 1010 (4) _____
 ASTR 1020 (4) _____
 BIOL 1010 (4) _____
 BIOL 1020 (4) _____
 BIOL 1040 (4) _____
 **BIOL 1110 (4) _____
 BIOL 2010 (4) _____
 BIOL 2020 (4) _____
 CHEM 1010 (4) _____
 CHEM 1020 (4) _____
 CHEM 1110 (5) _____
 CHEM 1120 (5) _____
 CHEM/PHYS 1710 (4) _____
 GEOL 1040 (4) _____
 GEOL 1050 (4) _____
 PHYS 1010 (4) _____
 PHYS 1020 (4) _____
 PHYS 2010 (5) _____
 PHYS 2110 (5) _____
 PHYS 2120 (5) _____

Mathematics (3)

- (Select one)
 MATH 1010 (3) _____
 MATH 1420 (3) _____
 MATH 1530 (3) _____
 MATH 1730 (4) _____
 MATH 1810 (3) _____
 **MATH 1910 (5) _____

*These courses are required of all
 students.

**These courses are required of all
 students in this program.

Core courses should total at least 41
 hours.

No minor required for this major.

CHEMISTRY MAJOR (non-ACS)

1. Ten hours from:

- CHEM 1110 (5) _____
 CHEM 1120 (5) _____
 OR
 CHEM 1010 (4) _____
 CHEM 1020 (4) _____
 CHEM 1840 (2) _____

2. Twenty-nine hours from:

- CHEM 3210 (4) _____
 CHEM 3510 (4) _____
 CHEM 3520 (4) _____
 CHEM 3610 (4) _____
 CHEM 4000 (1) _____
 CHEM 4310 (4) _____
 CHEM 4320 (4) _____
 CHEM 4340 (4) _____

3. Four hours from:

- CHEM 3220 (4) _____
 CHEM 3440 (4) _____

4. Five hours from:

- MATH 1910 (5) _____
 MATH 1920 (5) _____

5. Ten hours from:

- PHYS 2010 (5) _____
 PHYS 2020 (5) _____
 OR
 PHYS 2110 (5) _____
 PHYS 2120 (5) _____

6. Sixteen hours from:

- BIOL 1110 (4) _____
 BIOL 3050 (4) _____
 BIOL 4130 (4) _____
 BIOL 4450 (4) _____

7. Four hours from:

- BIOL 4110 (4) _____
 BIOL 4120 (4) _____
 BIOL 4160 (4) _____

SUGGESTED PROGRAM of STUDY
Chemistry (Biochemistry Concentration)
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Fall Freshman Year	
ENGL 1010	3
MATH 1720 *	3
CHEM 1110/1	5
BIOL 1110/1	4
APSU 1000	1
Total Hours	16

Spring Freshman Year	
ENGL 1020	3
MATH 1730 *	4
CHEM 1120/1	5
BIOL 3050/1	4
Total Hours	16

Fall Sophomore Year	
CHEM 3510/1	4
PHYS 2010/1	5
BIOL 4130/1	4
MATH 1910	5
Total Hours	18

Spring Sophomore Year	
CHEM 3520/1	4
PHYS 2020/1	5
COMM 1010	3
ENGL 2030	3
Total Hours	15

Fall Junior and Senior Years	
CHEM 4310/1	4
BIOL 4450/1	4
CHEM 4340/1	4
CHEM 3610/1	4
CHEM 3210/1	4
History Core	3
Social Science Core **	3
Humanities Core	3
Total Hours	29

Spring Junior and Senior Years	
CHEM 4320/1	4
BIOL (Physiology Elective)	4
CHEM 3220/1 or 3440/1	4
CHEM 4000	1
PHIL 2300	3
History Core	3
Social Science Core **	3
Humanities Core	3
Elective	3
Total Hours	28

* only needed as preparation for MATH 1910

** PSY 1010 and SOC 2010 recommended