

**CHEMISTRY DEPARTMENT
ADVISING WORKSHEET
Chemistry (Biochemistry Concentration)
2009-10 Bulletin**

Name _____

ID _____

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.)
AAST 2200 (3) _____
COMM 2020 (3) _____
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) _____
WS 2050 (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 2020 (5) _____
PHYS 2110 (5) _____
PHYS 2120 (5) _____

Mathematics (3)

(Select one)
MATH 1010 (3) _____
MATH 1110 (3) _____
MATH 1420 (3) _____
MATH 1530 (3) _____
MATH 1710 (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.

39 Upper Division hours are required to graduate.

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