

**CHEMISTRY DEPARTMENT
ADVISING WORKSHEET
Chemistry (Pre-Pharmacy)
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) _____

39 Upper Division Hours are Required to Graduate

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) _____

Pre-Pharmacy Courses

(All are required.)
**BIOL 1110 (4) _____
**BIOL 2300 (4) _____
**BIOL 3060 (4) _____
**BIOL 3760 (4) _____

*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 below:

**CHEM 1110 (5) _____

**CHEM 1120 (5) _____
OR
CHEM 1010 (4) _____
CHEM 1020 (4) _____
CHEM 1840 (2) _____
PLUS
CHEM 3210 (4) _____
CHEM 3440 (4) _____
CHEM 3500 (4) or 3510 (4) _____
CHEM 3610 (4) _____
CHEM 4000 (1) _____

2. Complete any two sequences:

CHEM 3210 (4)_____ 3220 (4)_____
CHEM 3440 (4)_____ 4440 (4)_____
**CHEM 3510 (4)_____ 3520 (4)_____
CHEM 3610 (4)_____ 3620 (4)_____
**CHEM 4310 (4)_____ 4320 (4)_____

3. Three additional hours from:

CHEM 3220 (4) _____
CHEM 3520 (4) _____
CHEM 3620 (4) _____
CHEM 3700 (3) _____
CHEM 3840 (3) _____
CHEM 4240 (4) _____
CHEM 4310 (4) _____
CHEM 4340 (4) _____
CHEM 4350 (4) _____
CHEM 4440 (4) _____
CHEM 4540 (4) _____
CHEM 4550 (4) _____
CHEM 4840 (3) _____
CHEM 4940 (1,2, or 3) _____
CHEM 4990 (1) _____

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) _____

SUGGESTED PROGRAM of STUDY
Chemistry (Pre-Pharmacy)
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Fall Freshman Year	
ENGL 1010	3
BIOL 1110/1	4
CHEM 1110/1	5
MATH 1730	4
APSU 1000	1
Total Hours	17

Spring Freshman Year	
ENGL 1020	3
BIOL 3060/1	4
CHEM 1120/1	5
MATH 1810	3
Total Hours	15

Fall Sophomore Year	
BIOL 2300	4
BIOL 2010/1	4
CHEM 3510/1	4
PHYS 2010/1	5
Total Hours	17

Spring Sophomore Year	
COMM 1010	3
BIOL 2020/1	4
CHEM 3520/1	4
PHYS 2020/1	5
Total Hours	16

Fall Junior Year	
ENGL 2030	3
BIOL 3760	4
CHEM 4310/1	4
MATH 1530	3
Total Hours	14

Spring Junior Year	
PSY 1010	3
ECON 2010	3
CHEM 4320/1	4
HIST 2010	3
Total Hours	13