

**CHEMISTRY DEPARTMENT  
ADVISING WORKSHEET  
Pre-Pharmacy  
2008-09 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.)  
\*\*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) \_\_\_\_\_

**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 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) \_\_\_\_\_

**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 1720 (3) or 1730 (4) \_\_\_\_\_  
MATH 1810 (3) \_\_\_\_\_  
MATH 1820 (3) \_\_\_\_\_  
MATH 1910 (5) \_\_\_\_\_  
MATH 1920 (5) \_\_\_\_\_  
AND 10 hours from:  
\*\*PHYS 2010 (5) \_\_\_\_\_  
\*\*PHYS 2020 (5) \_\_\_\_\_  
OR  
PHYS 2110 (5) \_\_\_\_\_  
PHYS 2120 (5) \_\_\_\_\_

## SUGGESTED PROGRAM of STUDY

### Pre-Pharmacy 2008-09 Bulletin

#### 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