

**CHEMISTRY DEPARTMENT  
ADVISING WORKSHEET  
Chemistry (Non-ACS)  
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) \_\_\_\_\_

**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.

**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. Seventeen hours from:

- CHEM 3210 (4) \_\_\_\_\_  
CHEM 3440 (4) \_\_\_\_\_  
CHEM 3500 (4) or 3510 (4) \_\_\_\_\_  
CHEM 3610 (4) \_\_\_\_\_  
CHEM 4000 (1) \_\_\_\_\_

3. 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) \_\_\_\_\_

4. 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) \_\_\_\_\_

5. Five hours from:

- MATH 1720 (3) or 1730 (4) \_\_\_\_\_  
MATH 1810 (3) \_\_\_\_\_  
MATH 1820 (3) \_\_\_\_\_  
MATH 1910 (5) \_\_\_\_\_  
MATH 1920 (5) \_\_\_\_\_

6. Ten hours from:

- PHYS 2010 & 2020 (10) \_\_\_\_\_  
OR  
PHYS 2110 & 2120 (10) \_\_\_\_\_

**SUGGESTED PROGRAM of STUDY**  
**Chemistry (Non-ACS)**  
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**Fall Freshman Year**

ENGL 1010	3
CHEM 1110/1	5
MATH 1730	4
Humanities Core	3
APSU 1000	1

**Total Hours** **16**

**Spring Freshman Year**

ENGL 1020	3
CHEM 1120/1	5
MATH 1810 or 1910	3-5
Humanities Core	3

**Total Hours** **14-16**

**Fall Sophomore Year**

ENGL 2030	3
CHEM 3500/1 or 3510/1	4
PHYS 2010/1	5
Social Science Core	3

**Total Hours** **15**

**Spring Sophomore Year**

COMM 1010	3
CHEM Elective	4
PHYS 2020/1	5
Social Science Core	3

**Total Hours** **15**

**Fall Junior and Senior Years**

CHEM 3210/1	4
CHEM 3610/1	4
CHEM Elective	4
History Core	3
Electives	15

**Total Hours** **30**

**Spring Junior and Senior Years**

CHEM 3440/1	4
CHEM 4000	1
CHEM Elective	4
History Core	3
Electives	18

**Total Hours** **30**