

**CHEMISTRY DEPARTMENT  
ADVISING WORKSHEET  
Chemistry (Teaching)  
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.

**39 Upper Division Hours are Required to Graduate**

**CHEMISTRY MAJOR**

1. Ten hours from below:
  - CHEM 1110 (5) \_\_\_\_\_
  - CHEM 1120 (5) \_\_\_\_\_
  - OR
  - CHEM 1010 (4) \_\_\_\_\_
  - CHEM 1020 (4) \_\_\_\_\_
  - CHEM 1840 (2) \_\_\_\_\_
2. Twenty-three hours from below:
  - CHEM 3210 (4) \_\_\_\_\_
  - CHEM 3440 (4) \_\_\_\_\_
  - CHEM 3500 (4) or 3510 (4) \_\_\_\_\_
  - CHEM 3610 (4) \_\_\_\_\_
  - CHEM 4300 (4) or 4310 (4) \_\_\_\_\_
  - CHEM 4400 (3) \_\_\_\_\_
3. Three hours from:
  - MATH 1810 (3) \_\_\_\_\_
  - OR
  - MATH 1910 (5) \_\_\_\_\_
4. One sequence from:
  - PHYS 1010 (4) \_\_\_\_\_
  - PHYS 1020 (4) \_\_\_\_\_
  - OR
  - PHYS 2010 (5) \_\_\_\_\_
  - PHYS 2020 (5) \_\_\_\_\_
  - OR
  - PHYS 2110 (5) \_\_\_\_\_
  - PHYS 2120 (5) \_\_\_\_\_

**The Professional Education Minor (35 hours) required for this major.**

5. Professional Education Minor:
  - EDUC 2100 (2) \_\_\_\_\_
  - EDUC 3040 (3) \_\_\_\_\_
  - EDUC 3070 (3) \_\_\_\_\_
  - EDUC 4080 (3) \_\_\_\_\_
  - EDUC 4160 (3) \_\_\_\_\_
  - EDUC 4270 (3) \_\_\_\_\_
  - EDUC 4610 (6) \_\_\_\_\_
  - EDUC 4710 (6) \_\_\_\_\_
  - PSY 3130 (3) \_\_\_\_\_
  - SPED 3000 (3) \_\_\_\_\_

**SUGGESTED PROGRAM of STUDY**  
**Chemistry (Teaching)**  
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<b>Fall Freshman Year</b>	
ENGL 1010	3
CHEM 1110/1	5
GEOL 1040/1	4
MATH 1810 or 1910	3-5
APSU 1000	1
<b>Total Hours</b>	<b>16-18</b>

<b>Spring Freshman Year</b>	
ENGL 1020	3
CHEM 1120/1	5
GEOL 1050/1	4
PSY 1010	3
<b>Total Hours</b>	<b>15</b>

<b>Fall Sophomore Year</b>	
ENGL 2030	3
BIOL 1110/1	4
CHEM 3500/1	4
EDUC 2100	2
History Core	3
<b>Total Hours</b>	<b>16</b>

<b>Spring Sophomore Year</b>	
COMM 1010	3
CHEM 4300/1	4
EDUC 3040	3
History Core	3
Humanities Core	3
<b>Total Hours</b>	<b>16</b>

<b>Fall Junior Year</b>	
CHEM 3210/1	4
CHEM 3610/1	4
PHYS 2010/1	5
EDUC 3070	3
<b>Total Hours</b>	<b>16</b>

<b>Spring Junior Year</b>	
CHEM 3440/1	4
CHEM 4400	3
EDUC 4160	3
PHYS 2020/1	5
Humanities Core	3
<b>Total Hours</b>	<b>18</b>

<b>Fall Senior Year</b>	
EDUC 4270	3
EDUC 4080	3
PSY 3130	3
SPED 3000	3
Social Science Core	3
<b>Total Hours</b>	<b>15</b>

<b>Spring Senior Year</b>	
EDUC 4610	6
EDUC 4710	6
<b>Total Hours</b>	<b>12</b>