

**CHEMISTRY DEPARTMENT****ADVISING WORKSHEET****Chemistry (Biochemistry Concentration)****2005-06 Bulletin**

Name \_\_\_\_\_

**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 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 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.

**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)**  
**2005-06 Bulletin**

<b>Fall Freshman Year</b>	
ENGL 1010	3
MATH 1720 *	3
CHEM 1110/1	5
BIOL 1110/1	4
APSU 1000	1
<b>Total Hours</b>	<b>16</b>

<b>Spring Freshman Year</b>	
ENGL 1020	3
MATH 1730 *	4
CHEM 1120/1	5
BIOL 3050/1	4
<b>Total Hours</b>	<b>16</b>

<b>Fall Sophomore Year</b>	
CHEM 3510/1	4
PHYS 2010/1	5
BIOL 4130/1	4
MATH 1910	5
<b>Total Hours</b>	<b>18</b>

<b>Spring Sophomore Year</b>	
CHEM 3520/1	4
PHYS 2020/1	5
COMM 1010	3
ENGL 2030	3
<b>Total Hours</b>	<b>15</b>

<b>Fall Junior and Senior Years</b>	
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
<b>Total Hours</b>	<b>29</b>

<b>Spring Junior and Senior Years</b>	
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
<b>Total Hours</b>	<b>28</b>

\* only needed as preparation for MATH 1910

\*\* PSY 1010 and SOC 2010 recommended