

**CHEMISTRY DEPARTMENT
ADVISING WORKSHEET
Pre-Dentistry
2010-11 Bulletin**

Name _____

A# _____

CORE CLASSES AND PRE-DENTISTRY REQUIREMENTS

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) _____

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-Dentistry Courses

(All courses designated ** PLUS)

1. Complete eight hours
BIOL 2010 (4) _____
BIOL 2020 (4) _____
BIOL 2300 (4) _____
BIOL 3050 (4) _____
BIOL 3060 (4) _____
BIOL 3730 (4) _____
BIOL 4040 (4) _____

2. Select one of following
CHEM 4300 (4) _____
CHEM 4310 (4) _____

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 3800 (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 (4) _____
CHEM 4940 (1,2, or 3) _____
CHEM 4990 (1) _____

4. Five hours from:

MATH 1910 (5) _____
MATH 1920 (5) _____

5. Ten 10 hours from:

**PHYS 2010 (5) _____
**PHYS 2020 (5) _____
OR
PHYS 2110 (5) _____
PHYS 2120 (5) _____

IMPORTANT NOTES

* These courses are required of all students.

** These courses are required of all students in this program

⇒ No minor is required for this major.

⇒ Core courses should total at least 41 credit hours.

⇒ **39 Upper division hours are required to graduate.**

SAMPLE PROGRAM of STUDY
Pre-Dentistry Chemistry Major (Non-ACS)
2010-09 Bulletin

Fall Year 1	Credit Hours
ENGL 1010	3
CHEM 1110 & 1111	5
MATH 1730	4
APSU 1000	1
Semester Total	13

Spring Year 1	Credit Hours
ENGL 1020	3
CHEM 1120 & 1121	5
BIOL 1110 & 1111	4
Humanities Core	3
Semester Total	15

Fall Year 2	Credit Hours
CHEM 3510/3511	4
BIOL 3050	4
ENGL 2030	3
COMM 1010	3
Humanities Core	3
Semester Total	17

Spring Year 2	Credit Hours
CHEM 3520/3521	4
BIOL 3060	4
MATH 1910	5
Social Science Core	3
Semester Total	16

Fall Year 3	Credit Hours
PHYS 2010/2011	5
CHEM 3210/3211	4
Chemistry Elective	4
History Core	3
Semester Total	15

Spring Year 3	Credit Hours
PHYS 2020/2021	5
CHEM 4300	4
History Core	3
Elective	3
Semester Total	15

Fall Year 4	Credit Hours
CHEM 3610/3611	4
CHEM 3440/3441	4
Social Science Core	3
Elective	3
Semester Total	14

Spring Year 4	Credit Hours
CHEM 4000	1
CHEM 3220,4440, or 3620	4
Chemistry Elective	4
Elective	3
Elective	3
Semester Total	15

GRAND TOTAL 121

Upper Division 45
Core 45