

Name: _____
 Address: _____
 City/State: _____

Graduation Date: _____
 Telephone: _____
 Student ID: _____

University Core Requirements

| Course: | |
|-----------------------|--|
| ENGL 1301 | |
| (1)Lang.,Phil.,Cult. | |
| (2)COMM | |
| (3)HIST | |
| (3)HIST | |
| POLS 2301 | |
| POLS 2302 | |
| (4)CreativeArts | |
| (5)Soc.BehavioralSci. | |
| (6)MATH 1342 | |
| #BIOL 1406 | |
| #BIOL 1407 | |
| *ENGL 1302 | |
| !MATH 2413 | |

42 hr state core + 2 hrs college
 + 1 hrs department requirements

Chemistry Major Requirements

| Course: | Description |
|--------------|--------------------------|
| CHEM 1311 | General Chemistry I |
| CHEM 1111 | General Chemistry I Lab |
| CHEM 1312 | General Chemistry II |
| CHEM 1112 | General Chemistry II Lab |
| CHEM 3311 | Organic Chem I |
| CHEM 3111 | Organic Chem I Lab |
| CHEM 3312 | Organic Chem II Lab |
| CHEM 3112 | Organic Chem II Lab |
| CHEM 4411 | Biochemistry I |
| CHEM 3401 | Quantitative Analysis |
| CHEM 4461 | Instrumental Analysis |
| CHEM 4315 | Biophysical Chemistry |
| CHEM 4381 | Chemical Communications |
| (8)CHEM 4x71 | Intro to Research |

36 hr (min)

Additional Degree Requirements

| Course: | Description |
|---------------|----------------|
| CHEM 3491 | Forensics I |
| CHEM 4491 | Forensics II |
| (9)PHYS 1401 | Gen Physics I |
| (10)PHYS 1402 | Gen Physics II |
| BIOL 2420 | Microbiology |
| BIOL 3470 | Genetics |
| BIOL 4404 | Immunology |
| BIOL 4435 | Toxicology |
| CRIJ 1301 | Intro to CJ |
| (11)CRIJ 2314 | Investigation |
| CRIJ 3310 | Procedures |
| (12)CRIJ 4313 | |

44 hr

Date _____ Advisor, Chemistry _____

Date _____ Chair, Chemistry _____

Minor 1: _____

Minor 2: _____

Minor 3: _____

125 hour minimum hours are required for this degree plan including 58 hours of upper level courses.

*ENGL 1302 is a requirement for all degrees offered in the College of Arts & Sciences.

!This course includes an additional 1 hour beyond the 6 hours required in the College of Arts and Sciences.

#Science core courses include 2 laboratory hours require for all BS degrees in the College of Arts and Sciences.

Please see the current catalog for all approved core course options.

This degree has 42 hrs state core curriculum of which 6 hrs meet specific College requirements.

This degree has 2 additional science laboratory hours beyond the core which are College requirements.

This degree has 1 additional mathematics hour beyond the core which is a Department requirement.

(1) Approved core language, philosophy or culture course, please see current catalog for all approved options.

(2) Approved core communications (speech) course, please see current catalog for all approved options.

(3) Approved core history courses, please see current catalog for all approved options.

(4) Approved core creative arts course, please see current catalog for all approved options.

(5) Approved core social or behavioral science course, please see current catalog for all approved options.

(6) PYSC 2317 may be substituted for MATH 1342

- (7) CHEM 3415 may be substituted for CHEM 4411 in this degree plan.
 (8) Introduction to Chemical Research, **x = 2, 3, or 4 hours**
 (9) May substitute PHYS 2425 (prerequisite MATH 2413 and (PHYS 1370 or >600 Math SAT)).
 (10) May substitute PHYS 2426 (prerequisite PHYS 2425).
 (11) CRIJ 1306 may be substituted for CRIJ 2314.
 (12) Special Topics: Drugs and Alcohol, Substance Abuse, or a related topic, with advisor's permission

PreProfessional Students: prerequisites met for most professional school applications are in light gray.
 See your pre-professional advisor and the catalog for specific, additional information

| Course | Prerequisite(s) |
|---------------|---|
| MATH 1342: | MATH 1314 or MATH 1414 |
| MATH 2413: | MATH 1316 or MATH 2312 |
| PHYS 1401: | MATH 1316 or MATH 2312 |
| PHYS 1402: | PHYS 1401 |
| CHEM 1311: | MATH 1314 or MATH 1414 |
| CHEM 1111: | co- or pre-requisite CHEM 1311 |
| CHEM 1312: | CHEM 1311 and CHEM 1111 (or CHEM 1411) |
| CHEM 1112: | co- or pre-requisite CHEM 1312 |
| CHEM 3311: | CHEM 1312 and CHEM 1112 (or CHEM 1412) and co- or pre-requisite CHEM 3111 |
| CHEM 3111: | co- or pre-requisite CHEM 3311 |
| CHEM 3412: | CHEM 3311 and CHEM 3111 (or CHEM 3411) and co- or pre-requisite CHEM 3112 |
| CHEM 3112: | co- or pre-requisite CHEM 3312 |
| CHEM 4411: | CHEM 3412 |
| CHEM 3401: | CHEM 1312 and CHEM 1112 (or CHEM 1412) |
| CHEM 4461: | CHEM 3401 and CHEM 4311 |
| CHEM 4315: | CHEM 1312 and CHEM 1112 (or CHEM 1412), MATH 2413 and MATH 1342 (or PSYC 2317), and PHYS 1402 |
| CHEM 4381: | Senior standing. |
| CHEM 4x71: | Minimum of 8 hours of Chemistry above CHEM 1412 and instructors permission. |
| CHEM 3491: | CHEM 1412 |
| CHEM 4491: | CHEM 3491 and CHEM 4461 |
| BIOL 1407: | BIOL 1406 |
| BIOL 2420: | BIOL 1407 |
| BIOL 3xxx: | BIOL 1407 |
| BIOL 4xxx: | BIOL 1407 |

