

# 2018-19 ACADEMIC MAP

BS - Chemistry Option C: Pre-Medical Science, Pre-Dental

TOTAL HRS: 121



\* minimum grade required

|                    |             | FALL SEMESTER           |        |          |     |        | SPRING SEMESTER |                          |        |           |     |        |
|--------------------|-------------|-------------------------|--------|----------|-----|--------|-----------------|--------------------------|--------|-----------|-----|--------|
|                    | PREFIX      | COURSE                  | CREDIT | AREA     | GR* | SEM/GR | PREFIX          | COURSE                   | CREDIT | AREA      | GR* | SEM/GR |
| YEAR 1 - Freshman  | CHE 101     | Gen Chem I Lecture      | 3      | Gen Ed   | C   |        | CHE 102         | Gen Chem II Lecture      | 3      | Gen Ed    | C   |        |
|                    | CHE 103     | Gen Chem I Lab          | 1      | Gen Ed   | C   |        | CHE 104         | Gen Chem II Lab          | 1      | Gen Ed    | C   |        |
|                    | BIO 100     | General Biology I       | 4      | Major    | C   |        | BIO 101         | General Biology II       | 4      | Major     | C   |        |
|                    | ENG 101     | Composition I           | 3      | Gen Ed   |     |        | ENG 102         | Composition II           | 3      | Gen Ed    |     |        |
|                    | MAT 104     | College Algebra         | 3      | Gen Ed   |     |        | MAT 105         | Trigonometry             | 3      | Spec Dgr  | C   |        |
|                    | FYS 100     | First Year Seminar      | 1      | Univ Req |     |        |                 | Personal Development     | 1      | Gen Ed    |     |        |
|                    | CHE 108     | Intro Chemistry Sem     | 1      | Core     | C   |        |                 |                          | 15     |           |     |        |
|                    |             |                         | 16     |          |     |        |                 |                          |        |           |     |        |
| YEAR 2 - Sophomore | CHE 319     | Organic Chem I Lab      | 1      | Core     | C   |        | CHE 320         | Organic Chem II Lab      | 1      | Core      | C   |        |
|                    | CHE 321     | Organic Chem I          | 3      | Core     | C   |        | CHE 322         | Organic Chem II          | 3      | Core      | C   |        |
|                    | PHY 221     | Phys for Life Sci I     | 3      | Major    | C   |        |                 | BIO/PHY Elective         | 4      | Major     | C   |        |
|                    | PHY 233     | Phys for Life Sci I Lab | 1      | Major    | C   |        | PHY 222         | Phys for Life Sci II     | 3      | Major     | C   |        |
|                    | MAT 251/300 | Calculus or Statistics  | 3      | Spec Dgr | C   |        | PHY 234         | Phys for Life Sci II Lab | 1      | Major     | C   |        |
|                    | BIO 300     | Cell Biology            | 4      | Major    | C   |        | COM 101/202     | Communication Studies    | 3      | Gen Ed    |     |        |
|                    |             |                         |        | 15       |     |        |                 |                          | 15     |           |     |        |
| YEAR 3 - Junior    | CHE 440     | Biochemistry I          | 4      | Major    | C   |        | CHE 351         | Phys Chem for Life Sci   | 4      | Major     | C   |        |
|                    |             | BIO/PHY Elective        | 4      | Major    | C   |        | CHE 441         | Biochemistry II          | 3      | Major     | C   |        |
|                    |             | Chemistry Elective      | 4      | Major    | C   |        | SOC 101         | Principles of Sociology  | 3      | Gen Ed    |     |        |
|                    | PSY 101     | General Psychology      | 3      | Gen Ed   |     |        |                 | Humanities & Fine Arts   | 3      | Gen Ed    |     |        |
|                    |             |                         |        | 15       |     |        |                 | Chemistry Elective       | 3      | Major     | C   |        |
|                    |             |                         |        |          |     |        |                 | 16                       |        |           |     |        |
| YEAR 4 - Senior    | CHE 311     | Quantitative Analysis   | 5      | Core     | C   |        |                 | Chemistry Elective       | 4      | Major     | C   |        |
|                    |             | BIO/PHY Elective        | 3      | Major    | C   |        |                 | General Elective         | 4      | Electives |     |        |
|                    | HIS 100/200 | History                 | 3      | Gen Ed   |     |        |                 | General Elective         | 3      | Electives |     |        |
|                    |             | Fine Arts               | 3      | Gen Ed   |     |        |                 | Personal Development     | 1      | Gen Ed    |     |        |
|                    |             |                         |        | 14       |     |        | ENG 200 level   | Literature               | 3      | Gen Ed    |     |        |
|                    |             |                         |        |          |     |        | CHE 464         | Science Seminar          | 1      | Major     |     |        |
|                    |             |                         |        |          |     |        |                 | 16                       |        |           |     |        |