## COLLEGE OF ARTS \& SCIENCES 2021-22 B.S. CHEMISTRY DEGREE PLAN

 (WITH PRE-ENGINEERING)

## ADDITIONAL ITEMS RELATED TO THE MAJOR

*Students may substitute MAT 224 Analytics and Calculus III or upper-division mathematics courses for up to four (4) of the additional required credit hours. Students may also use CHE 498 or HON 498 Independent Study (must be chemistry or biology related) for up to three (3) of the additional required credit hours. Students completing the pre-engineering program may count ENS 231 Engineering Mechanics I and ENS 232 Engineering Mechanics II toward meeting the seven (7) chemistry elective hours.

The following guidelines are important. Failure to follow these guidelines may delay graduation.

1. Plan schedules carefully. Plan to fulfill prerequisites for future courses.
2. Do not alter the sequence of courses without consulting with your academic adviser as not all classes are offered every semester.
3. Before the enrollment period, check to make sure holds will not prevent you from registration.
4. Register for classes early during the registration period to secure classes.

## The Four-Year Degree Plan is a suggested plan of study. This plan does not replace the Undergraduate Catalog. The Undergraduate Catalog provides the official listing of program requirements.

## 2021-22 Undergraduate Liberal Arts Core Requirements

| I. Biblical Values | III. Broadened Perspectives |
| :---: | :---: |
| A. Bible | A. Behavioral Sciences |
| BIB 121 \& 122 \& 346 OR 446 | BIB/FAM 230 OR PSY 210 OR SOC 3 |
| II. Basic Skills | 241 OR SOC 251 |
|  | B. Natural Sciences |
| A. Written Communication | BIO 100 OR BIO 105 OR BIO 1103 |
| ENG 101 AND ENG 1026 | OR BIO 111 OR BIO 112 OR BIO |
| B. Oral Communication | 211 OR CHE 121 \& CHE 121L OR |
| COM 140 | PHS 111 OR PHS 112 OR PHS 201 |
| C. Quantitative Reasoning | C. Arts and Humanities |
| MAT 100 OR MAT 101 OR MAT 1203 OR MAT 122 OR MAT235 | $\begin{array}{ll}\text { HISTORY: HIS } 111 \text { OR HIS } 112 & 3 \\ \text { OR HIS } 221 \text { OR HIS } 222 \text { OR HUM } & \end{array}$ |
| Complete course names and descriptions for the Liberal Arts Core Requirements are located in the Undergraduate Catalog. | CRITICAL AND CREATIVE WORKS: ART 110 OR ART 201 OR ART 234 OR ENG 215 OR ENG 225 OR ENG 235 OR ENG 299A/399A OR MUS 110 OR MUS 214 OR PHI 243 OR PHI 245 OR PHI246 OR THE 160 OR THE 265 OR THE 299A/399A |
| Undergraduate Catalog. | HUMANITIES CAPSTONE: 3 |

