

BACHELOR OF SCIENCE DEGREE

CHEMISTRY (20-21 catalog)

BIOCHEMISTRY CONCENTRATION

Total Degree Requirements 121 hours

NAME _____ UA/GA _____ GRAD DATE _____
 DSU ID# _____ ADVISOR _____ BAN _____ GPA _____
 Evaluated by _____ Date _____ DBASE _____ HON _____

| GENERAL EDUCATION REQUIREMENTS 40-41 | | | | |
|---|--------|-----|-----|----|
| COURSE | SUB/TR | SEM | HRS | GR |
| ENG 101 Eng Comp | | | 3 | |
| ENG 102/200 Eng Comp | | | 3 | |
| ENG LIT- ENG 201, 203, 205 or 206 | | | 3 | |
| HIS 101,102,103,104,201,or 202 | | | 3 | |
| *FINE ARTS | | | 3 | |
| PHI 201 or any ENG LIT, HIS, or FINE ART not already taken above | | | 3 | |
| **MAT 104 or 105 | | | 3 | |
| CHE 101/103 Gen Chem & Lab | | | 4 | |
| CHE 102/104 Gen Chem II & Lab | | | 4 | |
| **Perspectives on Society | | | 3 | |
| **Perspectives on Society | | | 3 | |
| ***Personal Development | | | 2-3 | |
| COM 101, 103, or 202 | | | 3 | |

*Select one introduction/appreciation/history of art, music or creative writing

**Math gen ed requirement can be waived if a student has an ACT Math subscore of 24 and has been placed in MAT 251. Student must take additional 3 hrs to meet overall hours requirement.

** Select one: ECO 210, 211; GEO 201, 303; PSC 103,201
SOC 101, PSY 101

***Min 2 hrs: SHS 360; CEL 300; CIS 205; FCS 215, 270, 325, 343;
SWO 101, 300; For Lang 101; LIB 101 OR select two of the following PER 101, PER 100 level activity

| COURSE | SUB/TR | SEM | HRS | GR |
|------------------------------------|--------|-----|-----|----|
| University Requirement FYS 100/300 | | | 1 | |

| SPECIAL DEGREE REQUIREMENTS 17-20 | | | | |
|-----------------------------------|--|--|-----|--|
| *MAT 105 Plane Trig | | | 0-3 | |
| MAT 251 Calculus I | | | 3 | |
| MAT 252 Calculus II | | | 3 | |
| MAT 253 Calculus III | | | 3 | |
| **PHY 231/235 Gen Physics I/Lab | | | 4 | |
| **PHY 232/236 Gen Physics II/Lab | | | 4 | |

*If MAT 105 used to satisfy General Education requirement, it may be reused here. Will count in GPA calculation once.

**MAT 251 prerequisite

| CHEMISTRY CORE 14 | | | | |
|----------------------------|--------|-----|-----|----|
| COURSE | SUB/TR | SEM | HRS | GR |
| CHE 108 Intro Chem Seminar | | | 1 | |
| CHE 311 Quantitative Anal | | | 5 | |
| CHE 319 Organic Chem Lab | | | 1 | |
| CHE 321 Organic Chemistry | | | 3 | |
| CHE 320 Organic Chem Lab | | | 1 | |
| CHE 322 Organic Chemistry | | | 3 | |

| ACS CERTIFIED BIOCHEMISTRY CONCENTRATION 45 | | | | |
|---|--|--|---|--|
| BIO 100 Prin of Biology | | | 4 | |
| BIO 101 Prin of Biology II | | | 4 | |
| BIO 300 Cell Biology | | | 4 | |
| BIO 328 Genetics | | | 4 | |
| CHE 371 Physical Chem I | | | 4 | |
| CHE 372 Physical Chem II | | | 4 | |
| CHE 440 Biochemistry I | | | 4 | |
| CHE 441 Biochemistry II | | | 3 | |
| CHE 442 Chemical Biology | | | 4 | |
| CHE 443 Biochemistry III | | | 3 | |
| CHE 460 Instrumental Analysis | | | 4 | |
| CHE 464 Science Seminar | | | 1 | |
| *CHE 481 Indep Research in Che | | | 2 | |

*At least 2 hours of CHE 481 required

| GENERAL ELECTIVES 0-4 | | | |
|-----------------------|-------|--------|-------|
| COURSE | GR/HR | COURSE | GR/HR |
| | | | |
| | | | |
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| TRANSFER WORK/NON-TRADITIONAL WORK | | | | | | |
|------------------------------------|---------------------|----------------|--|--|--|--|
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| DATE | DSU AVERAGE TO DATE | Totals to date | | | | |
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Updated 11/13/2020