

STANDARD CURRICULUM CHART

| | | FALL | | | SPRING | | | |
|-----------|-----|-----------------------------------------------|---------------------------------------|-------|--------|-----------------------------------------------------------|---------------------------------------------|----|
| YEAR | SEM | COURSE | | UNITS | SEM | COURSE | UNITS | |
| FRESHMAN | ___ | BBST 103/105 | Bible & Spir Form / Found Christ Thot | 3 | ___ | BBST 103/105 | Bible & Spir Form / Found Christ Thot | 3 |
| | ___ | BIOS 111 | General Biology I with Lab | 4 | ___ | BIOS 112 | General Biology II | 4 |
| | ___ | CHEM 105 | General Chemistry I with Lab | 4 | ___ | CHEM 106 | General Chemistry II with Lab | 4 |
| | ___ | ENGL 100 or 110A | Critical Thinking and Writing | 3 | ___ | ENGL 110B | Critical Thinking and Writing | 3 |
| | ___ | P.E. Activity | | 1 | ___ | P.E. Activity | | 1 |
| | ___ | GNST 102 | First Year Seminar | | 1 | | | 15 |
| | | | | 16 | | | | |
| SOPHOMORE | ___ | BBST 109 | Old Testament History and Literature | 3 | ___ | BBST 110 | New Testament History and Literature | 3 |
| | ___ | CHEM 301 | Organic Chemistry | 4 | ___ | CHEM 302 | Organic Chemistry | 3 |
| | ___ | CHEM 311 | Laboratory in Organic Chemistry | 1 | ___ | CHEM 312 | Laboratory in Organic Chemistry | 1 |
| | ___ | MATH 105 | Calculus I | 4 | ___ | PHSC 122 | Physics II <i>or</i> PHSC 132 <i>or</i> 233 | 4 |
| | ___ | PHSC 111 | Physics I | 3 | ___ | Fine Arts (ARTS 100,103,116,126,130, THRT 160, MUSC 101) | | 3 |
| | ___ | P.E. Activity | | 1 | ___ | HIST 105 <i>or</i> POSC 205 | | 4 |
| | | | | 16 | ___ | Writing Competency Exam | 0 | 18 |
| JUNIOR | ___ | BBST 251 | Christian Thought I | 3 | ___ | BBST 254 | Christian Thought II | 3 |
| | ___ | BBST 300/400 | Bible Elective | 3 | ___ | BBST 306 | Early Christian History - Acts | 3 |
| | ___ | BIOS 312 | Cell and Molecular Biology | 3 | ___ | Chemistry, Biology or Physics Elective* | | 4 |
| | ___ | CHEM 350 | Analytical Chemistry | 5 | ___ | Behavioral Science (PSYC 200, SOCI 220, ANTH 200) | | 3 |
| | ___ | Communication (COMM 100, 170, 181, 280) | | 3 | ___ | HIST 205 | West and the World | 4 |
| | | | | 17 | | | | 17 |
| SENIOR | ___ | BBST 300/400 | Bible Elective | 3 | ___ | BBST 465 | Integration Seminar | 3 |
| | ___ | BIOS 411 | Biochemistry I | 3 | ___ | BIOS 412 | Biochemistry II | 3 |
| | ___ | Literature (ENGL 220, 230, 240, 251, 252) | | 3 | ___ | CHEM 422A | Laboratory in Biochemistry | 1 |
| | ___ | Foreign Language <i>or</i> Elective# | | 4 | ___ | CHEM 422B | Laboratory in Biochemistry | 1 |
| | ___ | Philosophy (PHIL 210,211,212,213,214,215,216) | | 3 | ___ | PHSC 460 OR BIOS 470 | | 1 |
| | | | | 16 | ___ | Chemistry, Biology or Physics Elective (upper division) * | | 4 |
| | | | | | ___ | General Elective | 2 | |
| | | | | | ___ | P. E. Activity | 1 | 16 |

If Foreign Language requirement has been met a 4-unit elective course may be taken.

* Choose from CHEM 420, 480; BIOS 281, 282, 322, 342; PHSC 234, 321, 450.

** Students may take the PHSC 111-112 sequence *or* the PHSC 132-233 sequence.

NOTE: This curriculum chart is designed with your major department and is one way that the classes will work out properly in sequence for your major. However, there are alternative flexible ways to rotate some of the classes within the same year/level and sometimes between year levels. Please contact your major department advisor to discuss flexible alternatives in scheduling the sequence of your classes.

Revised 2/01

2001-03 Catalog - BCHM
MAJOR: BIOCHEMISTRY & PRE-MED

Use the unit value as recorded on your last copy of transfer evaluation. Do not use checks.

| GENERAL EDUCATION REQUIRED SELECTION | | UNITS | BIBLE/THEOLOGY | UNITS | MAJOR/EMPHASIS | UNITS |
|--------------------------------------------------------------|-----------------------------------------------|-------|---------------------------------------|-------|--------------------------------------------|-------|
| Behavioral Science | PSYC 200, SOCI 220, ANTH 200 | 3 | BBST 103 Bible & Spiritual Formation | 3 | CHEM 105 General Chemistry I _____ | 4 |
| Communication | COMM 100, 170, 181, 280 | 3 | BBST 105 Found of Christian Thought | 3 | CHEM 106 General Chemistry II _____ | 4 |
| English Comp | ENGL 100 or 110A | 3 | BBST 109 OT History & Literature | 3 | CHEM 301 Organic Chemistry _____ | 3 |
| English Comp | ENGL 110B | 3 | BBST 110 NT History & Literature | 3 | CHEM 302 Organic Chemistry _____ | 3 |
| Fine Arts | ARTS 100,103,116, 126,130, THRT 160, MUSC 101 | 3 | BBST 251 Christian Thought I | 3 | CHEM 311 Laboratory in Organic Chemistry | 1 |
| Foreign Language | HUFF 101 | 4 | BBST 254 Christian Thought II | 3 | CHEM 312 Laboratory in Organic Chemistry | 1 |
| | HUFG 101 | | BBST 306 Early Christian History-Acts | 3 | CHEM 350 Analytical Chemistry _____ | 5 |
| | HUFS 101 | | BBST300/400 Bible Elective | 3 | BIOS 111 General Biology I _____ | 4 |
| | BLGR 01, 102 (Classical must be 6 units) | | BBST300/400 Bible Elective | 3 | BIOS 112 General Biology II _____ | 4 |
| | BLHE 101, 102 (Classical must be 6 units) | | BBST 465 Integration Seminar | 3 | BIOS 312 Cell and Molecular Biology ____ | 3 |
| History | HIST 105 <i>or</i> POSC 205 | 4 | _____ | | BIOS 411 Biochemistry I _____ | 3 |
| | HIST 205 | 4 | TOTAL BIBLE/THEOLOGY | | BIOS 412 Biochemistry II _____ | 3 |
| Literature | ENGL 220, 230, 240, 251, 252 | 3 | (30 units maximum except Bible | | CHEM 422A/B Laboratory in Biochemistry | 1,1 |
| Philosophy | PHIL 210, 211, 212, 213, 214, 215, 216 | 3 | or Christian Education majors.) | | MATH 105 Calculus I _____ | 4 |
| Physical Education | PEED 110 (4 activities) | 4 | MINOR/SUPPORT/ELECTIVES | | PHSC 111* Physics I _____ | 4 |
| | | | _____ | | PHSC 112* Physics II _____ | 4 |
| TOTAL GENERAL EDUCATION REQUIREMENT | | _____ | _____ | | PHYS 460 Seminar <i>or</i> BIOS 470 _____ | 1 |
| <i>First Year Seminar (does NOT count toward graduation)</i> | | (1) | _____ | | Electives (4 units must be upper division) | |
| | | | _____ | | (CHEM 420, 480; BIOS 281, 282, | |
| | | | _____ | | 322, 342; PHSC 234, 321, 450)_____ | 8 |
| | | | _____ | | Writing Competency Exam | 0 |
| | | | _____ | | _____ | |
| | | | _____ | | _____ | |
| | | | _____ | | _____ | |
| | | | _____ | | _____ | |
| | | | _____ | | Minimum Upper Division Units | 25 |
| | | | _____ | | Total Units Required | 61 |
| | | | _____ | | TOTAL MAJOR/EMPHASIS | _____ |

*Students may take the PHSC 111-112 sequence *or* the PHSC 132-233 sequence.