

RECOMMENDED PRE-PROFESSIONAL CURRICULUM IN BIOLOGICAL SCIENCES
LEADING TO THE DEGREE OF BACHELOR OF SCIENCE
INTEGRATIVE BIOLOGY CONCENTRATION
(PRE-MEDICINE, PRE-DENTISTRY, and PRE-PHARMACY)

| FIRST YEAR | | | |
|--|--------|---|--------|
| FIRST SEMESTER (Fall) | S.H. | | |
| SECOND SEMESTER (Spring) | S.H. | | |
| †GBIO 151 or 151H ^{GH} | 3 | †GBIO 153 or 153H ^{GH} | 3 |
| †BIOL 152..... | 1 | †BIOL 154..... | 1 |
| ENGL 101 or 121H .or 123H. ^{GH} | 3 | CHEM 122..... | 3 |
| LS 102..... | 1 | CLAB 124..... | 1 |
| †MATH 175 ¹ | 5 | MATH 200 ¹ | 5 |
| †CHEM 121 ^G | 3 | ENGL 102 or 122H or 124H ^{GH} | 3 |
| CLAB 123..... | 1 | Foreign Language 101..... | 3 |
| †SE 101*..... | 2 | | |
| | <hr/> | | <hr/> |
| | 19 | | 19 |
| SECOND YEAR | | | |
| CHEM 265..... | 3 | Communication 211 ^{GH} | 3 |
| CLAB 267..... | 1 | CHEM 266..... | 3 |
| †MIC 205..... | 3 | CLAB 268..... | 1 |
| †MICL 207..... | 1 | †General Biology 241..... | 1 |
| English 230, 231, or 232 ^{GH} | 3 | Art Elective ^{3GH} | 3 |
| Foreign Language 102..... | 3 | †General Biology 312..... | 3 |
| †GBIO 200..... | 3 | Physics 191..... | 3 |
| | <hr/> | Physics Lab 193..... | 1 |
| | 17 | | <hr/> |
| | | | 18 |
| THIRD YEAR | | | |
| ^S CHEM 481..... | 3 | †Concentration elective ² | 4 |
| †Concentration elective ^{2S} | 4 | †GBIO 395/397 or 405..... | 5 or 4 |
| †General Biology 341..... | 1 | History Elective ^{GH} | 3 |
| Social Science Elective ^{4G} | 3 | Elective..... | 4 or 5 |
| Physics 192..... | 3 | Social Science Elective ^{4G} | 3 |
| Physics Lab 194..... | 1 | <i>(Study for and take MCAT, DAT, GRE, etc)</i> | |
| | <hr/> | | <hr/> |
| | 15 | | 14(+) |
| FOURTH YEAR | | | |
| †Concentration elective ² | 4 | †Concentration Elective ² | 4 |
| Elective..... | 4 | Elective..... | 3 |
| †General Biology 441..... | 1 | | |
| English 322..... | 3 | <i>(Take additional classes as recommended)</i> | |
| | | | |
| | <hr/> | | <hr/> |
| | 12 (+) | | 7 (+) |
| Total Semester Hours Required | | | 120 |
| Total Minimum Semester Hours Required in Major | | | 41 |

*Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 good hours or more. These students are required to take two additional hours of electives.

Computer literacy is required; students are to contact their advisor for requirements. Some students may need to take a computer science course.

¹Mathematics 175 and 200 (8 credit hours) may be taken in place of Mathematics 161, 162, and 163 (9 credit hours). Students who take MATH 175 and 200 are required to take one additional elective hour.

²Concentration Electives for the Integrative Biology Concentration (minimum 20 credit hours required) selected from the following groups in consultation with advisor.

Group A – (minimum one course required) – Students in the Integrative Biology Concentration must take either GBIO 395/397 or GBIO 405.

Group B – (minimum 15 credit hours) – focus on “core medical courses” – see advisor

³Courses can be taken in music, art, dance, or theatre.

⁴Courses can be selected in economics, geography, anthropology, political science, psychology, or sociology.

[†]These courses must be taken until a grade of “C” or better is obtained.

^SChem 481 (Biochemistry) has a time overlap with MIC 461 (Bacterial Metabolism) so they can’t be taken in the same semester. Because Biochem is a prerequisite for medical programs it has priority over Bacterial Metabolism, which is “highly recommended”.

Warning: Some professional schools (including LSU Medical School) will **NOT** accept on-line (Internet) classes if they are included in that school’s pre-requisites. (This does not pertain to classes offered virtually due to Covid-19.)