

# Curriculum Map – (Chemistry Area – Biomedical Chemistry)

NOTE: If you are required to complete any developmental courses, you may not be able to complete the degree in four years. This curriculum map assumes that you have not transferred in any previously completed college level courses.

| FIRST YEAR COURSE SCHEDULE |                                     |       |                           |   |                                  |       |                           |
|----------------------------|-------------------------------------|-------|---------------------------|---|----------------------------------|-------|---------------------------|
| ✓                          | Fall Semester                       | Code  | Credits                   | ✓ | Spring Semester                  | Code  | Credits                   |
|                            | FYS 101 First Year Seminar          | G     | 3                         |   | CHEM 112/112L                    | P,R   | 4                         |
|                            | ENG 100                             | P,G   | 3                         |   | MATH 175                         | P,G   | 4                         |
|                            | COMS 108                            | G     | 3                         |   | HUM 2 – Humanities               | G     | 3                         |
|                            | CHEM 111 & 111L – NSC II (exchange) | P,R,G | 4                         |   | BIOL 171&171L – NSC I (exchange) | P,R,G | 4                         |
|                            | HUM 1 – Humanities                  | G     | 3                         |   |                                  |       |                           |
|                            |                                     |       | <b>Total Credit Hours</b> |   |                                  |       | <b>Total Credit Hours</b> |
|                            |                                     |       | <b>16</b>                 |   |                                  |       | <b>15</b>                 |

| SECOND YEAR COURSE SCHEDULE |                                    |       |                           |   |                                    |       |                           |
|-----------------------------|------------------------------------|-------|---------------------------|---|------------------------------------|-------|---------------------------|
| ✓                           | Fall Semester                      | Code  | Credits                   | ✓ | Spring Semester                    | Code  | Credits                   |
|                             | ENG 200 – Writing II               | P,G   | 3                         |   | CHEM 327/327L                      | P,R,U | 4                         |
|                             | CHEM 326/326L                      | P,R,U | 4                         |   | CHEM 301/301L                      | P,R,U | 4                         |
|                             | PHYS 201/201A                      | P,R   | 4                         |   | PHYS 202/202A                      | P,R   | 4                         |
|                             | SBS 2 – Social/Behavioral Sciences | G     | 3                         |   | SBS 1 – Social/Behavioral/Sciences | G     | 3                         |
|                             |                                    |       | <b>Total Credit Hours</b> |   |                                    |       | <b>Total Credit Hours</b> |
|                             |                                    |       | <b>14</b>                 |   |                                    |       | <b>15</b>                 |

| THIRD YEAR COURSE SCHEDULE |                           |       |                           |   |                              |       |                           |
|----------------------------|---------------------------|-------|---------------------------|---|------------------------------|-------|---------------------------|
| ✓                          | Fall Semester             | Code  | Credits                   | ✓ | Spring Semester              | Code  | Credits                   |
|                            | CHEM 351 <sup>1</sup>     | P,R,U | 3                         |   | BIOL 380/380L                | P,R,U | 3                         |
|                            | BIOL 244/244A             | P,R   | 4                         |   | CHEM 360 <sup>1</sup> & 360L | P,R,U | 3                         |
|                            | BIOL 304/304L             | P,R,U | 3                         |   | General Electives            | E     | 6                         |
|                            | General Electives         | E     | 3                         |   | Biomedical Track Elective    | E,U   | 3-4                       |
|                            | Biomedical Track Elective | E     | 3                         |   |                              |       |                           |
|                            |                           |       | <b>Total Credit Hours</b> |   |                              |       | <b>Total Credit Hours</b> |
|                            |                           |       | <b>16</b>                 |   |                              |       | <b>15-16</b>              |

| FOURTH YEAR COURSE SCHEDULE |                           |         |                           |   |                           |         |                           |
|-----------------------------|---------------------------|---------|---------------------------|---|---------------------------|---------|---------------------------|
| ✓                           | Fall Semester             | Code    | Credits                   | ✓ | Spring Semester           | Code    | Credits                   |
|                             | CHEM 499C                 | P,R,G,U | 2                         |   | CHEM 499D                 | P,G,R,U | 1                         |
|                             | CHEM 441                  | P,R,U   | 3                         |   | Biomedical Track Elective | E,U     | 3-4                       |
|                             | General Electives         | E       | 6                         |   | General Electives         | E       | 8-11                      |
|                             | Biomedical Track Elective | E,U     | 3-4                       |   |                           |         |                           |
|                             |                           |         | <b>Total Credit Hours</b> |   |                           |         | <b>Total Credit Hours</b> |
|                             |                           |         | <b>14-15</b>              |   |                           |         | <b>12-16</b>              |

<sup>1</sup> CHEM 351 is Fall only, CHEM 360 is Spring only.

(E) Elective,  
(P) Pre-requisite

(G) General Education Course  
(R) Required Course

(S) Supplemental  
(U) Upper Division Course 300-400 level (you must have 42 hours)