

**CHEMISTRY – BS (120 hours)**

**Effective 2012-2015**

|             |            |                                    |
|-------------|------------|------------------------------------|
| <b>NAME</b> | <b>PID</b> | <b>Optional 2nd Major or Minor</b> |
|-------------|------------|------------------------------------|

**FOUNDATIONS**

| English Comp. and Rhetoric | Foreign Language (*) HSFL(s) _____ |    | Quant. Reas. (QR) | Lifetime Fitness (LF) |
|----------------------------|------------------------------------|----|-------------------|-----------------------|
|                            | 1.                                 | 3. | MATH 231          | (1 hr.)               |
|                            | 2.                                 | 4. |                   |                       |

\* Through Level 3

**APPROACHES**

| Phys. and Life Sciences (PL/PX) | Social and Behavioral Sciences *** | Humanities/Fine Arts    |
|---------------------------------|------------------------------------|-------------------------|
| CHEM 101<br>CHEM 101L**         | Hist. Analysis (HS):               | Vis. & Perf. Arts (VP): |
|                                 | Soc. Sci./Hist. Analysis (SS/HS):  | Literary Arts (LA):     |
| BIOL 101                        | Soc. Sci./Hist. Analysis (SS/HS):  | Phil. Reasoning (PH):   |

\*\* C- or better in CHEM 101 is required to progress to CHEM 102      \*\*\*From at least two departments

**CONNECTIONS**

| Communication Int. (CI) | Quant. Int. (QI) or 2nd Quant. Reas. (QR) | Experiential Ed. (EE)  | Global Issues (GL) |
|-------------------------|---|------------------------|--------------------|
| CHEM 550L               | MATH 232                                  |                        |                    |
| US Diversity (US)       | North Atlantic World (NA)                 | World before 1750 (WB) | Beyond the NA (BN) |

**MAJOR/MINOR/ELECTIVES**

| CHEMISTRY ♦<br>Core Requirements |                     | Additional Requirements   |   |  |  |  |
|----------------------------------|---------------------|---|---|--|--|--|
| 102/102H ## (3)                  | 481 (3)             | CHEM 101  | MATH 233                                    |  |  |  |
| 102L (1)                         | 481L (2)            | CHEM 101L**   |   |  |  |  |
| 241 ## (2)                       | 482 (3)<br>482L (2) | BIOL 101  | MATH 383                                    |  |  |  |
| 251 ## (2)                       | 550L (2)            | MATH 231  |   |  |  |  |
| 261 ## (3)                       | (#)<br>Lab          | MATH 232  |   |  |  |  |
| 262 ### (3)                      | (#)                 |   | † PHYS 118/119 not offered before Fall 2014 |  |  |  |
| 430 (3)                          | (#)                 | <b>♦ 18 hours ≥C (not C-) required in core (not incl. CHEM 101/101L).</b><br><b>** C- or better in CHEM 101 is required to progress to CHEM 102.</b><br><b>(#) Ten hours of advanced chemistry elective courses (one must be a laboratory) from the following list:</b><br><b>CHEM 395 or 396 (not both), CHEM 410, and any course numbered 420 or higher.</b><br><b>CHEM 395 and 396 may be taken for credit as many times as desired but may be counted for no more than nine hours of total credit toward fulfillment of graduation requirements.</b><br><b>(##) C- or better in CHEM 102 is required to progress to CHEM 241, 251, &amp; 261.</b><br><b>(###) C- or better is in CHEM 261 required to progress into CHEM 262.</b> |   |  |  |  |
| 441 (2)<br>441L (2)              | (#)                 |   |   |  |  |  |
| 450 (3)                          |                     |   |   |  |  |  |
|                                  |                     |   |   |  |  |  |

|  |   |   |               |
|--|---|---|---------------|
| Date/Advisor   |   |   |               |
| <b>Remaining courses after this term:</b><br>___ Foundations<br>___ Approaches<br>___ Connections<br>___ Supplemental<br>___ (hrs C ___)<br>___ (hrs C ___)<br>___ (hrs C ___)<br>___ Requirements subtotal<br>___<br><b>Total</b> | <b>Hours to be deducted:</b><br>Repeated courses<br>HSFL<br>Online courses > 24<br>Online in Major/minor > 6<br>Professional School > 24<br>Hours in subject (BA) > 45<br>Total | <b>Hours Tally:</b><br>Hours to date:<br>Hours in progress*:<br>Subtotal<br>Hours deducted<br>Hours after this term<br>Hours remaining to grad<br>Semesters left<br>*Include pending study abroad hours | <b>Notes:</b> |

**This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps**