### CHEMISTRY – B.S. – 2017-18

To the student: Please make sure you are using the correct check sheet based on your enrollment year. YOU are responsible for making sure you are on the correct check sheet and completing all program requirements accurately and on time.

**General Education Requirements**

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<thead>
<tr>
<th>Shr</th>
<th>Grd</th>
<th>Description</th>
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<tbody>
<tr>
<td>2, 3</td>
<td></td>
<td>ART 101 Intro to Visual Arts (or a Non-Lib Arts studio art course)</td>
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<tr>
<td>2</td>
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<td>MUS 104 Intro to Music (or a Non-Lib Arts music ensemble for one year)</td>
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<tr>
<td>2</td>
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<td>FNA 102 Intro to Dance</td>
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<td>3</td>
<td></td>
<td>Behavioral Science</td>
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<td>3</td>
<td></td>
<td>Hist, Eco, Soc Sci Elect*</td>
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<td>3</td>
<td></td>
<td>BIB 101 Old Tstmt Lit &amp; Theol</td>
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<td>BIB 102 New Tstmt Lit &amp; Theol</td>
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<td>2</td>
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<td>CMC 101 Principles of Speech</td>
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<td>Min C-</td>
<td>CMP 101 Principles of Writing</td>
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<td>3</td>
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<td>CMP 102 Writing &amp; Research</td>
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<td>2</td>
<td></td>
<td>GED 100 First-Year Seminar*</td>
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<td>GED 401 Senior Seminar</td>
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<td>3</td>
<td></td>
<td>HST 102/103 Western Civ I or II</td>
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<tr>
<td>3</td>
<td></td>
<td>LIT Intro Lit or 200-Level Survey*</td>
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<tr>
<td>N/A</td>
<td>N/A</td>
<td>Mathematics</td>
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<tr>
<td>1</td>
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<td>PED 100 Fitness for Life</td>
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<tr>
<td>1</td>
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<td>PED Physical Ed Skills*</td>
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<td>3</td>
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<td>PHL 202 Phil &amp; Ethical Issues*</td>
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**Foreign Language**

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<td>Foreign Language</td>
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**Lab Science**

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**Other Elective Credits to Reach 124 Hours**

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*Honors program students may elect to take FNA 110H, GED 100H, HUM 150H, HUM 151H, and LIT 210H instead.

*No more than 2 hrs may be counted toward degree

*Or proficiency as outlined in the College catalog

**Residence Requirements:**
- 31 Hrs at RWC
- 15 Hrs in Major at RWC
- Of last 31 Hrs, 24 at RWC

**Major Requirements: 66 Hours**

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<tr>
<td>3</td>
<td></td>
<td>CHM 111 Principles of Chemistry I</td>
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<tr>
<td>1</td>
<td></td>
<td>CHM 111 L Principles of Chemistry I Lab</td>
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<tr>
<td>3</td>
<td></td>
<td>CHM 112 Principles of Chemistry II</td>
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<tr>
<td>1</td>
<td></td>
<td>CHM 112 L Principles of Chemistry II Lab</td>
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<tr>
<td>3</td>
<td></td>
<td>CHM 211 Organic Chemistry I</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>CHM 211 L Organic Chemistry I Lab</td>
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<tr>
<td>3</td>
<td></td>
<td>CHM 212 Organic Chemistry II</td>
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<tr>
<td>1</td>
<td></td>
<td>CHM 212 L Organic Chemistry II Lab</td>
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<tr>
<td>4</td>
<td></td>
<td>CHM 221 Analytical Chemistry</td>
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<tr>
<td>2</td>
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<td>CHM 231 Intro to Research &amp; Sci Comm</td>
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<td>CHM 304 Instrumental Mthds of Anlys</td>
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<td>3</td>
<td></td>
<td>CHM 311 Physical Chemistry I</td>
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<tr>
<td>1</td>
<td></td>
<td>CHM 311 L Physical Chemistry I Lab</td>
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<tr>
<td>3</td>
<td></td>
<td>CHM 312 Physical Chemistry II</td>
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<tr>
<td>1</td>
<td></td>
<td>CHM 312 L Physical Chemistry II Lab</td>
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<td>3</td>
<td></td>
<td>CHM 402 Advanced Inorganic Chemistry</td>
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<tr>
<td>1</td>
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<td>CHM 460 Chemistry Seminar</td>
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<td>1-3</td>
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<td>CHM 498 Undergraduate Research</td>
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One of the following 300/400-level Chemistry courses

| 3 |  | BCH 305 Introduction to Biochemistry |
| 3 |  | CHM 406 Advanced Organic Chemistry |
| 3 |  | CHM 420 Special Topics in Chemistry |

**Corequisites – 24 Hours**

| 4 |  | CSC 140 Computer Science I |
| 4 |  | MTH 281 Calculus I |
| 4 |  | MTH 282 Calculus II |
| 4 |  | MTH 283 Calculus III |

One of the following Physics sequences must be taken (8 Hrs)

| 3,1 |  | PHY 101 & L General Physics I & Lab |
| 3,1 |  | PHY 102 & L General Physics II & Lab |
| 3,1 |  | OR |
| 3,1 |  | PHY 201 & L Physics for Engrs/Scientists I&Lab |
| 3,1 |  | PHY 202 & L Physics for Engrs/Scientists II&lab |

**Recommended Elective**

| 3 |  | MTH 200 Elementary Statistics |

Shading=Lib Arts