## Bachelor of Science in Chemistry -- 120 Credits

## JCHEM-BS (RG 287)

Effective August 2022


MAJOR REQUIREMENTS(RG 287)

| Required Chemistry Courses (RQ 3542) |  | CR | Satisfied/Term |
| :---: | :---: | :---: | :---: |
| Chem 0111 | General Chemistry 1 | 3 |  |
| Chem 0112 | General Chemistry 2 | 3 |  |
| Chem 0113 | General Chemistry 1 Lab | 1 |  |
| Chem 0114 | General Chemistry 2 Lab | 1 |  |
| Chem 0231 | Organic Chemistry 1 | 3 |  |
| Chem 0232 | Organic Chemistry 2 | 3 |  |
| Chem 0233 | Organic Chemistry 1 Lab | 1 |  |
| Chem 0234 | Organic Chemistry 2 Lab | 1 |  |
| Chem 0325 | Analytical Chemistry | 4 |  |
| Chem 1131 | Inorganic Chemistry | 3 |  |
| Chem 1133 | Synthesis \& Characterization | 1 |  |
| $\begin{array}{r} \hline \text { Chem } 1321 \\ \text { or Chem } \\ \hline \end{array}$ | Biochemistry <br> 4 Fund of Biochemistry | 3 |  |
| Chem 1327 | Instrumental Analysis | 4 |  |
| Chem 1341 | Physical Chemistry 1 | 3 |  |
| Chem 1342 | Physical Chemistry 2 | 3 |  |
| Chem 1344 | Physical Chemistry Lab | 1 |  |
| Requireme | Satisfied | 38 |  |


| Required Math Courses (RQ 3543) | CR | Satisfied/erm |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Math 0221 Analytic Geom \& Calc 1 | 4 |  |  |  |
| Math 0231 Analytic Geom \& Calc 2 | 4 |  |  |  |
| Math 0241 Analytic Geom \& Calc 3 | 4 |  |  |  |
| Requirement Satisfied | $\mathbf{1 2}$ |  |  |  |
|  |  |  |  |  |
| Required Physics Courses (RQ 3544) CR Satisfied/Term  <br> Phys 0150 Physics 1 4   <br> Phys 0151 Physics 1 Lab 1   <br> Phys 0152 Physics 2 4   <br> Phys 0153 Physics 2 Lab 1   <br> Requirement Satisfied $\mathbf{1 0}$   |  |  |  |  |


| Chemistry Electives (RQ 851) |  |  |  |  | CR | Satisfied/Term |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Select 9 credits from the following | 3 |  |  |  |  |  |  |  |  |  |
| Chem $1322 \quad$ Biochemistry 2 | 1 |  |  |  |  |  |  |  |  |  |
| Chem $1323 \quad$ Biochemistry Lab | 3 |  |  |  |  |  |  |  |  |  |
| Chem $1331 \quad$ Polymer Chemistry | 3 |  |  |  |  |  |  |  |  |  |
| Chem 1332 Medicinal Chemistry | 3 |  |  |  |  |  |  |  |  |  |
| Chem 1351 Green Chem \& Sustainability | 4 |  |  |  |  |  |  |  |  |  |
| Chem 1360\# Independent Study | 4 |  |  |  |  |  |  |  |  |  |
| Chem 1371\# Undergraduate Research | 1 |  |  |  |  |  |  |  |  |  |
| Phys 0225 Optics | 9 |  |  |  |  |  |  |  |  |  |
| Requirement Satisfied |  |  |  |  |  |  |  |  |  |  |

NOTE: \# Only 4 credits of Independent Study
and/or Undergraduate Research may be used as Chemistry Electives

MGPA (RQ 0852
Major 50\% (RQ 2876

## IMPORTANT INFORMATION:

This sheet is an unofficial representation of the major requirements and the information is subject to change. It is not an official record of academic progress and should not be treated as such. Official degree information can only be obtained through the Division Office or the Office of the Registrar.

