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**GENERAL EDUCATION**

| Course #  | Course Title                            | CR              |  |
|---|---|-----------------|--|
| <b>Written Communication</b>                          |   |                 |  |
| ENGL 101  | English Composition I                   | 3               |  |
| ENGL 102  | English Composition II                  | 3               |  |
| <b>Oral Communication</b>                             |   |                 |  |
| COMM 101  | Fundamentals of Oral Communication      | 3               |  |
| <b>Mathematical Ways of Knowing</b>                   |   |                 |  |
| MATH 170  | Calculus I                              | 5               |  |
| <b>Scientific Ways of Knowing</b>                     |   |                 |  |
| CHEM 111  | Principles of Chemistry I (C or better) | 5               |  |
| PHYS 211  | Physics for Scientists and Engineers I  | 5               |  |
| <b>Humanistic &amp; Artistic Ways of Knowing</b>      |   |                 |  |
| Choose 2 courses from 2 disciplines (total 6 credits) |   | 3               |  |
|   |   | 3               |  |
| <b>Social &amp; Behavioral Ways of Knowing</b>        |   |                 |  |
| Choose 2 courses from 2 disciplines (total 6 credits) |   | 3               |  |
|   |   | 3               |  |
| <b>Wellness</b>                                       |   |                 |  |
| Choose any  |   | 3               |  |
| <b>Introduction to General Education</b>              |   |                 |  |
| GNE101  | Introduction to General Education       | 3               |  |
| <b>LCSC BA/BS Degree Requirements</b>                 |   |                 |  |
| CHEM 112  | Principles of Chemistry 2 (C or better) | 5               |  |
| CHEM 298  | Organic Chemistry 1 (C or better)       | 4               |  |
| MATH 175  | Calculus 2                              | 4               |  |
| PHYS 212  | Physics for Scientists and Engineers 2  | 5               |  |
| CHEM 299  | Organic Chemistry 2 (C or better)       | 5               |  |
| Choose one of the following:                          |   |                 |  |
| CHEM 253  | Quantitative Analysis                   |                 |  |
| MATH 275  | Calculus III                            | 4               |  |
|   |   |                 |  |
|   |   |                 |  |
|   |   |                 |  |
| <b>CSI TOTAL</b>                                      |   | <b>68 to 69</b> |  |

| Course #  | Course Title                      | CR         |  |
|---|-----------------------------------|------------|--|
| <b>MAJOR COURSES</b>  |                                   |            |  |
| CHEM 454  | Instrumental Analysis             | 3          |  |
| CHEM 305  | Physical Chemistry 1              | 3          |  |
| CHEM 306  | Physical Chemistry 2              | 3          |  |
| CHEM 463  | Inorganic Chemistry               | 4          |  |
| CHEM 353  | Laboratory Preparation Techniques | 2          |  |
| CHEM 481  | Biochemistry                      | 4          |  |
| <b>Major Electives</b>  |                                   |            |  |
| 300/400   | Any Natural Science Course        | 4          |  |
| <b>General Electives</b>  |                                   |            |  |
| General Electives   |                                   | 31         |  |
|   |                                   |            |  |
|   |                                   |            |  |
|   |                                   |            |  |
|   |                                   |            |  |
|   |                                   |            |  |
|   |                                   |            |  |
|   |                                   |            |  |
|   |                                   |            |  |
|   |                                   |            |  |
| <b>Integrative Seminar: Ethics &amp; Values</b>                     |                                   |            |  |
| Student does not need this class when transferring with an AA or AS |                                   |            |  |
|   |                                   |            |  |
|   |                                   |            |  |
| <b>Graduation Requirements</b>                                      |                                   |            |  |
| Resident Credits  |                                   | 32         |  |
| Upper Division Credits  |                                   | 36         |  |
| <b>TOTAL CSI &amp; LCSC Credits</b>                                 |                                   | <b>128</b> |  |

Complete all required/elective coursework for the AA/AS degree at the College of Southern Idaho.

- This advising guide is based on completion of an Associate's degree (AA/AS) in Chemistry at the College of Southern Idaho with additions made to meet lower division requirements.
- Students who transfer without being core complete may need to take additional LCSC General Education core courses.
- 32 Residency (LCSC) credits required for graduation/36 must be upper division.
- The "X" in the LCSC column indicates the class was transferred from CSI.

At CSI a minimum grade of "C-" is required for Gen Ed courses and a minimum 2.0 GPA is required to qualify for Associate's Degree.