**General IS Requirements for Graduation**

For all interdisciplinary sciences specializations, students are responsible to check with their advisors for any program modifications that may occur after the publication of this catalog.

|  |  |  |
| --- | --- | --- |
| I. IS Core Courses ([IS 201](http://ecatalog.sdsmt.edu/preview_program.php?catoid=13&poid=995&returnto=2304#tt3960) , [IS 401](http://ecatalog.sdsmt.edu/preview_program.php?catoid=13&poid=995&returnto=2304#tt9454) , [IS 498](http://ecatalog.sdsmt.edu/preview_program.php?catoid=13&poid=995&returnto=2304#tt1826) ) | | 9 credits |
|  | | |
| II. English sequence ([ENGL 101](http://ecatalog.sdsmt.edu/preview_program.php?catoid=13&poid=995&returnto=2304#tt9082) , [ENGL 279](http://ecatalog.sdsmt.edu/preview_program.php?catoid=13&poid=995&returnto=2304#tt3303) , [ENGL 289](http://ecatalog.sdsmt.edu/preview_program.php?catoid=13&poid=995&returnto=2304#tt312) ) | | 9 credits |
|  | | |
| III. Math, Computer Science, Sciences | |  |
|  | Math and Computer Sciences 1 | min. 12 |
|  | Biology 2 | min. 3 |
|  | Chemistry 2 | min. 3 |
|  | Additional Natural Sciences 2 | min. 24 |
|  | Other Math, CSC, Sciences | min. 18 |
| **SUBTOTAL** | | **60** |
|  | | |
| IV. Humanities and Social Sciences | |  |
|  | Humanities general education | 6 |
|  | Humanities upper division | 6 |
|  | Social Sciences general education | 6 |
|  | Social Science upper division | 6 |
| **SUBTOTAL** | | **24** |
|  | | |
| V. Program Approved Electives 3 | | 18 |
|  | | |
| **120 credits required for graduation** | | |

**Curriculum Notes**

1 All IS specializations require [MATH 123](http://ecatalog.sdsmt.edu/preview_program.php?catoid=13&poid=995&returnto=2304#tt2615)   Calculus I or a math course requiring [MATH 123](http://ecatalog.sdsmt.edu/preview_program.php?catoid=13&poid=995&returnto=2304#tt1266)  as its prerequisite.  Some specializations require additional math courses beyond Math 123.

2 All IS specializations require a minimum of 30 credit hours in the natural sciences, including 6 hours in sequence (e.g., BIOL 151/BIOL 153) and 12 hours at the upper division.  Chemistry must be at the [CHEM 112](http://ecatalog.sdsmt.edu/preview_program.php?catoid=13&poid=995&returnto=2304#tt8495)  level or higher. Biology must be at the [BIOL 121](http://ecatalog.sdsmt.edu/preview_program.php?catoid=13&poid=995&returnto=2304#tt5591)  level or higher.  Students are expected to identify a science concentration and are encouraged to pursue a science minor as appropriate to their specialization.  Students should work with their advisors to determine the most appropriate science courses for their career goals.

3 Engineering courses may be counted toward graduation as electives only.

Thirty-six of the required 120 credits must be at the junior or senior level (courses numbered 300 and above.)