

## Colorado State University

### Math and Science Requirements

| Dept.     | Course #                             | Credits | Title                                 |
|-----------|--------------------------------------|---------|---------------------------------------|
| CHEM      | 111                                  | 4       | General Chemistry I                   |
| CHEM      | 112                                  | 1       | General Chemistry I lab               |
| CHEM      | 113                                  | 3       | General Chemistry II                  |
| CHEM      | 114                                  | 1       | General Chemistry II lab              |
| CHEM      | 345                                  | 4       | Organic Chemistry I                   |
| CHEM      | 346                                  | 3       | Organic Chemistry II                  |
| CHEM      | 344                                  | 2       | Organic Chemistry Lab                 |
| LIFE*     | 102                                  | 4       | Attributes of Living Systems          |
| LIFE*     | 103                                  | 4       | Biology of Organisms-Animals & Plants |
| <b>or</b> | <b>*LIFE or BZ series acceptable</b> |         |                                       |
| BZ*       | 120                                  | 4       | Principles of Plant Biology w/lab     |
| BZ*       | 110                                  | 3       | Principles of Animal Biology          |
| BZ*       | 111                                  | 1       | Principles of Animal Biology lab      |
| BC        | 351                                  | 4       | Principles of Biochemistry            |
| MIP       | 300                                  | 3       | General Microbiology                  |
| BMS       | 300                                  | 4       | Principles of Human Physiology        |
| BMS       | 302                                  | 2       | Principles of Human Physiology lab    |
| MATH      | 155                                  | 4       | Calculus for Biological Scientists I  |

### Additional Course Requirements

| Dept.  | Course # | Credits | Title                                       |
|--|----------|---------|---|
| CO   | 130/150  | 3 & 3   | Academic Writing and/or College Composition |
| Social Science (8 semester hours): psychology, sociology, history anthropology, literature, philosophy or other humanities courses |          |         |   |

#### CU Pharmacy Prerequisite Requirements:

| Course                       | Semester Credits   | Quarter Credits    |
|------------------------------|--------------------|--------------------|
| General Biology with lab     | 8 semester credits | 12 quarter credits |
| General Chemistry with lab   | 8 semester credits | 12 quarter credits |
| Organic Chemistry with lab   | 8 semester credits | 12 quarter credits |
| Biochemistry                 | 3 semester credits | 4 quarter credits  |
| Microbiology                 | 2 semester credits | 3 quarter credits  |
| Human Physiology with lab    | 4 semester credits | 5 quarter credits  |
| Calculus I                   | 3 semester credits | 4 quarter credits  |
| English Composition          | 3 semester credits | 4 quarter credits  |
| Humanities / Social Sciences | 8 semester credits | 10 quarter credits |