### General Studies
- **Major courses**: 56
- **Required Ancillary courses**: 12
- **Minor courses**: 18 min.
- **Total to graduate (min. 40 hrs. upper-division)**: 124 min.

*This sheet applies to the 2013-14 catalog only. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors must work with a faculty advisor on course selection and sequencing to ensure a timely graduation.*

#### MAJOR COURSES (Please see a Faculty Advisor)
- CHE 1800 (4 hrs.) General Chemistry I
- CHE 1810 (4 hrs.) General Chemistry II
- CHE 1850 (2 hrs.) General Chemistry Lab
- CHE 2300 (3 hrs.) Inorganic Chemistry
- CHE 3000 (3 hrs.) Analytical Chemistry
- CHE 3010 (2 hrs.) Analytical Chemistry Lab
- CHE 3100 (4 hrs.) Organic Chemistry I
- CHE 3110 (3 hrs.) Organic Chemistry II
- CHE 3120 (2 hrs.) Organic Chemistry I Lab
- CHE 3130 (2 hrs.) Organic Chemistry II Lab
- CHE 3250 (4 hrs.) Physical Chemistry I
- CHE 3260 (4 hrs.) Physical Chemistry II
- CHE 3280 (2 hrs.) Physical Chemistry I Lab
- CHE 3290 (2 hrs.) Physical Chemistry II Lab
- CHE 4100 (2 hrs.) Instrumental Analysis
- CHE 4110 (2 hrs.) Instrumental Analysis Lab
- CHE 4310 (4 hrs.) Biochemistry

#### Chemistry Electives 6 hours – in consultation with a faculty advisor:
(The Senior Experience in Chemistry does not count as an elective. Students may take any approved Senior Experience.)
- CHE Upper-Division

#### Required ancillary courses for a B.S.:
- MTH 1410 (4 hrs.) Calculus I
- MTH 2410 (4 hrs.) Calculus II
- MTH 2420 (4 hrs.) Calculus III

### Minor (required)

#### Written Communication
- ENG 1010 (3 hrs.) Composing Arguments*
- ENG 1008/1009 (6 hrs.) Composing Arguments, Parts I & II*
- ENG 1020 (3 hrs.) Freshman English: Rsrch, Anly, & Documt.

#### Oral Communication*
- ___ (3 hrs.)

#### Quantitative Literacy*
- ____ MTH 1110 (4 hrs.) College Algebra or higher level math

**NOTE:** MTH 1110 & MTH 1120 OR MTH 1400 are prereq's for MTH 1410

#### Arts and Humanities
- ____ (3 hrs.)
- ____ (3 hrs.)

#### Historical
- ____ (3 hrs.)

#### Natural and Physical Sciences
- ___ PHY 2010 (4 hrs.) College Physics I and PHY 2030 Lab (1hr.)
- ___ PHY 2020 (4 hrs.) College Physics II and PHY 2040 Lab (1hr.)
- or
- ___ PHY 2311 (4 hrs.) General Physics I and PHY 2321 Lab (1hr.)
- ___ PHY 2331 (4 hrs.) General Physics II and PHY 2341 Lab (1 hr.)

#### Social and Behavioral Sciences I
- ____ (3 hrs.)

#### Social and Behavioral Sciences II
- ____ (3 hrs.)

#### Global Diversity
- ___ (3 hrs.) may be satisfied within General Studies

*TO BE COMPLETED WITHIN FIRST 30-CREDIT HOURS AT MSU-Denver*

#### Multicultural Requirement
(may be satisfied within General Studies, major, minor or elective)

A 3 credit hour Senior Experience is required if not taken in the Major; see approved selections and prerequisites.

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.