

INTEGRATIVE STUDIES PROGRAM REQUIREMENTS (44 cr)

Note: Students must complete **Thinking & Writing** within their first two semesters and the **Quantitative Literacy** within their first three semesters.

Foundations

ITW: Thinking & Writing _____

IQL: Quantitative Literacy* _____

Perspectives

NOTE: Students may take only **one** course in any specific discipline within the **PERSPECTIVES** area. Disciplines are shown in **BOLD**, such as **IAART**

IA: Arts – **IAART, IAMU, IATAD (1 course)**

IH: Humanities - **IHCOMM, IHENG, IHFILM, IHFR, IHGER, IHHIST, IHJRN, IHML, IHPHIL, IHSP (2 courses)**

IA/IH: an additional course in either IA or IH **(1 course)**

IN: Natural Sciences – **INASTR, INBIO, INCHEM, INGEOL INMET, INPHYS (2 courses)**

IS: Social Sciences – **ISANTH, ISCJS, ISECON, ISGEOG, ISPOSC, ISPSYC, ISSOC, ISSOSC (2 courses)**

Interdisciplinary

II: Any course beginning with II **(1 course)**

NOTE: Courses fulfilling **PERSPECTIVES** and **INTERDISCIPLINARY** requirements may be at the 100-400 level. All students must complete a minimum of **28** credits at the 100-200 level and a minimum of **8** credits at the 300-400 level to complete the *Integrative Studies Program (ISP)*.

MAJOR REQUIREMENTS (64 credits)

Core Courses (28 credits)

- INGEOL 151 Physical Geology**
- GEOL 152 Evolution of the Earth
- GEOL 301 Mineralogy
- GEOL 302 Igneous and Metamorphic Petrology
- GEOL 305 Paleontology
- GEOL 306 Sedimentation and Stratigraphy
- GEOL 403 Structural Geology

Choose a minimum of 3 additional 300/400-level courses from the following for a total of 40 credits in GEOL (12 credits)

- GEOL 309 Geomorphology
- GEOL 310 Glacial Geology
- GEOL 315 Environmental Geology
- GEOL 412 Environmental Geochemistry
- GEOL 460 Hydrogeology
- GEOL 490 Advanced Special Topics (1-4 credits)
- GEOL 498 Independent Study (1-4 credits)

Allied Discipline Requirements (24 credits)

- INCHEM 111 General Chemistry I**
- CHEM 112 General Chemistry II
- MATH 151 Calculus I
- INPHYS 141 College Physics I**
- or-** INPHYS 241 University Physics I**
- PHYS 142 College Physics II
- or-** PHYS 242 University Physics II
- MATH 141 Introductory Statistics *
- or-** MATH 152 Calculus II

Students are not required, but are strongly encouraged, to take one of the following Geography courses: GEOG 324, 325, 326 or 327; the prerequisite for these courses is ISGEOG 204 which can be used to fulfill an ISP Social Sciences requirement. Credits count once.

*MATH 141 will fulfill the ISL requirement

*Courses may also be used to fulfill Integrative Studies requirements; credits count once.

See catalog for complete program requirements. This sheet is for general advising purposes only.