

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 (72 credits)

Core Courses (48 credits)

- INCHEM 111 General Chemistry I**
- CHEM 112 General Chemistry II
- CHEM 221 Organic Chemistry I
- CHEM 222 Organic Chemistry II
- CHEM 251 Quantitative Analysis
- CHEM 341 Physical Chemistry I
- CHEM 342 Physical Chemistry II
- CHEM 363 Inorganic Chemistry
- CHEM 375 Biochemistry
- CHEM 421 Advanced Synthetic Chemistry
- CHEM 454 Instrumental Methods

Select one of the following:

- CHEM 321 Organic Chemistry III
- or-** CHEM 333 Medicinal Chemistry
- or-** CHEM 373 Polymer Chemistry

Allied Discipline Requirements (24 credits)

- BIO 110 Molecules and Cells
- MATH 141 Introductory Statistics*
- MATH 151 Calculus I
- MATH 152 Calculus II

Select one of the following Physics sequences:

- INPHYS 141 College Physics I**
- and-** PHYS 142 College Physics II
- OR-**
- INPHYS 241 University Physics I**
- and-** PHYS 242 University Physics II

*MATH 141 will satisfy the IQL requirement

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

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