

**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)**

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

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

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

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

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**Interdisciplinary**

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

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**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 (52 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 342 Physical Chemistry II

CHEM 363 Inorganic Chemistry

INPHYS 241 University Physics I\*\*

PHYS 242 University Physics II

PHYS 260 Electronics

PHYS 342 Modern Physics

**Select a 4-credit Chemistry Elective (300- or 400-level)**

CHEM \_\_\_\_\_

**Select a 4-credit Physics Elective (300- or 400-level)**

PHYS \_\_\_\_\_

**Allied Discipline Requirements (20 credits)**

CS 140 Computer Programming I

MATH 141 Introductory Statistics\*

MATH 151 Calculus I

MATH 152 Calculus II

MATH 251 Vector Calculus

**Students seeking Secondary Teacher Certification must take:**

BIO 110 Molecules and Cells

CHEM 375 Biochemistry

\*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.