

Modern/Contemporary Art History Elective (Choose at least 1)

- ART - 305 Modern & Contemporary Art (4)
- ART - 306 Women & Art (4)
- ART - 363 Triumph of Impression (4)
- ART - 390 Special Topics Course with Modern/Contemporary Focus (4)

Other Electives

- ART - 200 Museum Studies 1 (4) (Prereq ART 102)
- ART - 307 Asian Art (4) (Fall) +
- ART - 308 African Art (4) (Spring) +
- ART - 309 Art of the Americas (4)
- ART - 316 Filipino-American Arts (4) +
- ARCD - 101, 102, 203, or 204: History of Architecture Sequence (2)

Minor in Astronomy

The Minor in Astronomy requires completion of 20 credits of Physics and Astronomy courses:

Astronomy Core Courses (12 credits):

- PHYS - 120 Astronomy: From the Earth to the Cosmos
- PHYS - 121 Planetary Astronomy
- PHYS - 122 The Geometry of the Cosmos: Einstein, Black Holes, and the Big Bang

Astronomy core courses are supplemented by observing nights that offer direct exposure to observational techniques, using the telescopes and other high-quality instruments in the Fromm observatory.

Physics/Astronomy Elective courses (8 credits):

- PHYS - 100 Introductory Physics I
- PHYS - 101 Introductory Physics II
- PHYS - 110 General Physics I
- PHYS - 130 Concepts in Physics
- PHYS - 201 Physics by Inquiry
- PHYS - 210 General Physics II
- PHYS - 221 Rock, Clocks and Cosmic Walks: The Multicultural Cosmologies of Our World

The elective courses provide a deeper insight into the physical basis of contemporary astronomy as grounded in the universal laws of nature. The most appropriate combination of courses from this menu will be selected in consultation with an advisor, depending on background and interests.

Minor in Astrophysics

The Minor in Astrophysics requires 20 credits of four-credit courses:

Foundational Physics Sequence (12 credits)

- PHYS - 110 General Physics I
- PHYS - 210 General Physics II
- PHYS - 240 Modern Physics

Astrophysics Upper-Division Core (8 credits)

- PHYS - 343 Astrophysics
- PHYS - 422 General Relativity
- PHYS - 386 Special Topics in Physics Courses with a focus on major topics in Astrophysics

Minor in Biochemistry

[Download the Biochemistry Minor Requirements Checklist](#)

This program requires completion of twenty to twenty-three (20-23) credits in Chemistry, as follows:

- CHEM - 111 General Chemistry I
- CHEM - 112 General Chemistry Laboratory I
- CHEM - 113 General Chemistry II
- CHEM - 114 General Chemistry Laboratory II
- CHEM - 350 Biochemistry I