INTegrated liberal studies (ILs)

ILS/ENVIR ST 126 — Principles of Environmental Science
4 credits.

This course relates principles of environmental science to our daily activities, with an eye to sustainability, conservation, and systems thinking. It introduces science as a process of inquiry and discovery rather than just a pre-established set of facts. Topics relate to energy, water, and land use, and include food, electric power, materials, buildings, transportation, and waste. Enroll Info: None

Requisites: None

Course Designation: Breadth - Physical Sci. Counts toward the Natural Sci req
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

Last Taught: Spring 2020

ILS 138 — CRC First-Year Seminar: Foundations of a Liberal Arts Education
1 credit.

Students explore stereotypes of, and update their conceptions of a "liberal arts education" and its value in today’s world. Students attend various events around campus and within CRC, and discover the resources of the University while developing community with others. Enroll Info: Must be a resident of Chadbourne Residential College. Open to Fr

Requisites: Reserved Class Section for residents of Chadbourne Residential College (Barnard Hall or Chadbourne Hall).

Course Designation: Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

Last Taught: Fall 2019

ILS 153 — Ways of Knowing in the Sciences
4 credits.

Introduction to science as a process of inquiry and discovery, not as a pre-established set of facts. Emphasizes hands-on learning in both laboratory and lecture environments with small group work and interactive discussion. Enroll Info: None

Requisites: None

Course Designation: Breadth - Physical Sci. Counts toward the Natural Sci req
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

Last Taught: Spring 2018

ILS 157 — Bradley Roundtable Seminar
1 credit.

The Bradley roundtable seminar addresses various topics of interest to the residents of the Bradley Learning Community. Enroll Info: Open to Fr. Students must be residents of the Bradley Learning Community

Requisites: Reserved Class Section for residents of Bradley Learning Community.

Course Designation: Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2020

ILS 198 — Directed Study
1-3 credits.

Enroll Info: Graded on a Cr/N basis; requires cons inst and con reg in two ILS courses

Requisites: Consent of instructor

Course Designation: Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Fall 2009

ILS 199 — Directed Study
1-3 credits.

Enroll Info: Graded on a lettered basis; requires cons inst con reg in 2 ILS courses. Open to Fr

Requisites: Consent of instructor

Course Designation: Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2015

ILS 200 — Critical Thinking and Expression
3 credits.

The three modes of argument and expression: verbal, visual, numerical. Critical thinking about how these modes are structured and used. Practice in, and interpretation of, the three modes. Enroll Info: None

Requisites: Satisfied Communications A requirement

Course Designation: Gen Ed - Communication Part B
Breadth - Humanities
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

Last Taught: Spring 2020

ILS 201 — Western Culture: Science, Technology, Philosophy I
3 credits.

Western science and technology in the making. Major developments viewed in philosophical and social context, from antiquity to 17th century. Cannot be taken by students who have taken History of Science 201 or 403. Enroll Info: None

Requisites: None

Course Designation: Breadth - Natural Science
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

Last Taught: Fall 2019
**ILS 202 — WESTERN CULTURE: SCIENCE, TECHNOLOGY, PHILOSOPHY II**
3 credits.

Western science and technology in the making. Major developments viewed in philosophical and social context from the 17th to early twentieth century. Cannot be taken by students who have taken History of Science 202 or 404. Enroll Info: None

**Requisites:** None

**Course Designation:** Breadth - Natural Science

**Level - Elementary**

L&S Credit - Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**ILS 203 — WESTERN CULTURE: LITERATURE AND THE ARTS I**
3 credits.

The development of literature and the arts in the ancient and medieval world: Akhnaton's Egypt, Homer's Troy, Euripides' Athens, Virgil's Rome, Dante's Florence. Literature and art in the context of society and ideas. Enroll Info: None

**Requisites:** None

**Course Designation:** Breadth - Literature. Counts toward the Humanities req

**Level - Elementary**

L&S Credit - Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

**Last Taught:** Fall 2019

**ILS 204 — WESTERN CULTURE: LITERATURE AND THE ARTS II**
3-4 credits.

The development of literature and the arts from the Renaissance to the modern period: such figures as Shakespeare and Michelangelo through T.S. Eliot and Picasso. Literature and art in the context of society and ideas. Sections of this course offered for 3 credits do not count for Comm B; only sections offered for 4 credits may carry the Comm B section-level designation. Students are strongly encouraged to complete Comm A before enrolling in a Comm B section. Enroll Info: None

**Requisites:** None

**Course Designation:** Breadth - Literature. Counts toward the Humanities req

**Level - Elementary**

L&S Credit - Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**ILS 205 — WESTERN CULTURE: POLITICAL, ECONOMIC, AND SOCIAL THOUGHT I**
3 credits.

The development of Western political, economic and social thought, from its origins in classic Greece and the Judaeo-Christian tradition, through Rome and the Medieval period, to the Renaissance and Reformation. Enroll Info: None

**Requisites:** None

**Course Designation:** Breadth - Either Humanities or Social Science

**Level - Elementary**

L&S Credit - Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

**Last Taught:** Fall 2019

**ILS 206 — WESTERN CULTURE: POLITICAL, ECONOMIC, AND SOCIAL THOUGHT II**
3 credits.

The development of Western political, economic and social thought from the Reformation to the present day: the origins, logic and evolution of liberalism, Marxism, and organic conservatism as the principal systems of thought of the modern age. Enroll Info: None

**Requisites:** None

**Course Designation:** Breadth - Either Humanities or Social Science

**Level - Elementary**

L&S Credit - Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**ILS/RELIG ST 234 — GENRES OF WESTERN RELIGIOUS WRITING**
3 credits.

Writing intensive course based on the conventions in which Western writers have expressed religious ideas. Readings from Jewish, Christian, and other spiritualities. Enroll Info: Successful completion of or exemption from Com A requirement. Open to Fr

**Requisites:** None

**Course Designation:** Gen Ed - Communication Part B

**Level - Intermediate**

L&S Credit - Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**ILS 251 — CONTEMPORARY PHYSICAL SCIENCES**
3 credits.

Twentieth century physical theory and its application in science and technology. Relativity and the quantum theory; modern cosmology and astrophysics; the quantum basis of chemistry and molecular biology; nuclear physics and nuclear power technology; lasers. Philosophical problems connected with these theories are addressed. Enroll Info: ILS 202 or HIST SCI 201-202 or cons inst

**Requisites:** None

**Course Designation:** Breadth - Physical Sci. Counts toward the Natural Sci req

**Level - Intermediate**

L&S Credit - Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

**Last Taught:** Spring 2018

**ILS 252 — CONTEMPORARY LIFE SCIENCES**
3 credits.

A systems oriented approach to the interrelation of plants and humans in their evolution and cultural development; a historical geographic perspective concluding with a consideration of ecosystems in twentieth century America. Enroll Info: None

**Requisites:** None

**Course Designation:** Breadth - Biological Sci. Counts toward the Natural Sci req

**Level - Intermediate**

L&S Credit - Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

**Last Taught:** Fall 2014
ILS 253 — LITERATURE AND SOCIETY
3 credits.
Representative episodes in the interaction of literature and society, organized either around a set of social institutions and their literary connections or around a set of literary forms and their social connections. Enroll Info: None
Requisites: Sophomore standing
Course Designation: Breadth - Literature. Counts toward the Humanities req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2018

ILS 254 — LITERATURE AND SCIENCE
3 credits.
Examination of the interactions between science, technology, and literature. Enroll Info: Open to Fr. ILS crse
Requisites: None
Course Designation: Breadth - Literature. Counts toward the Humanities req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2019

ILS 271 — PRE-COPERNICAN ASTRONOMY AND COSMOLOGY IN CROSSCULTURAL PERSPECTIVE
3 credits.
Astronomy and cosmology, from the cultures of ancient Egypt, Mesopotamia, Greece, India, China and Mesoamerica, through the Arabic and Latin Middle Ages, to Copernicus. Attention to cross-cultural transmission and appropriation of techniques and data; comparisons and contrasts among methods, purposes, and organizing metaphors. Enroll Info: ILS 201 or 202 or 251 or cons inst
Requisites: None
Course Designation: Breadth - Physical Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2013

ILS 275 — SPECIAL TOPICS IN INTEGRATED LIBERAL STUDIES
3 credits.
Interdisciplinary themes and issues from the ILS program. Topics are footnoted in timetable. Enroll Info: None
Requisites: Sophomore standing
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2018

ILS 298 — DIRECTED STUDY
1-3 credits.
Enroll Info: Jr st. Graded on a Cr/N basis; requires cons inst
Requisites: Consent of instructor
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2018

ILS 299 — DIRECTED STUDY
1-3 credits.
Enroll Info: Jr st. Graded on a lettered basis; requires cons inst
Requisites: Consent of instructor
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2018

ILS 338 — PEER MONTORING FOR FIRST-YEAR LIBERAL EDUCATION SEMINAR
2 credits.
A mentoring and supervision class for CRC Peer Mentors who are assisting instructors of the CRC First-Year Seminar which focuses on conceptions and stereotypes of a "liberal arts" education and its value in today's world. Enroll Info: None
Requisites: None
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2019

ILS 357 — PEER MENTOR SEMINAR
2 credits.
This course is designed to help improve leadership and facilitation skills for the co-facilitators of the Bradley roundtable. Enroll Info: Students must be sophs former residents of the Bradley Learning Community
Requisites: None
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2020

ILS/ITALIAN/LITTRANS/POLI SCI 365 — MACHIAVELLI AND HIS WORLD
3 credits.
Introduces students to the major works of Machiavelli through the close reading of his writings in cultural and historical contexts. Discussion and targeted writing assignments will aim at cultivating in students 1) a broad understanding of Machiavelli's principal intellectual attitudes, 2) a deeper understanding of his literary sensibility, and 3) the ability to articulate controversies and complexities surrounding his thought. Enroll Info: None
Requisites: Satisfied Communications A requirement
Course Designation: Breadth - Literature. Counts toward the Humanities req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2019
ILS 371 — INTERDISCIPLINARY STUDIES IN THE ARTS AND HUMANITIES
3 credits.
Selected interdisciplinary topics in literature and art with emphasis on social, historical and political contexts. Enroll Info: None
Requisites: None
Course Designation: Breadth - Literature. Counts toward the Humanities req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2020

ILS 372 — INTERDISCIPLINARY STUDIES IN THE SOCIAL SCIENCES
3 credits.
Interdisciplinary analysis of selected topics in the social sciences. Enroll Info: None
Requisites: None
Course Designation: Breadth - Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2019

ILS 400 — CAPSTONE INTEGRATION SEMINAR
3 credits.
Required capstone seminar for juniors and seniors seeking ILS certification. Enroll Info: Jr or Sr st and seeking ILS certificate
Requisites: None
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2020

ILS 490 — RESEARCH IN INTEGRATED LIBERAL STUDIES
2-3 credits.
This course provides opportunities for students to pursue research in integrated liberal studies. Enroll Info: At least 2 prev crses in integrated liberal studies.
Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2018

ILS 681 — UNDERGRADUATE HONORS THESIS
3 credits.
Continuation of 681. Enroll Info: Jr or Sr st cons inst
Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Honors - Honors Only Courses (H)
Repeatable for Credit: No
Last Taught: Spring 2009