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.

Requisites: Open to Freshmen
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 2017

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.

Open to Fr.
Requisites: Must be a resident of Chadbourne Residential College.
Course Designation: Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2017

ILS/INTER-AG 150 — WAYS OF KNOWING
1 credit.

Freshmen are exposed to a variety of scholarly topics from outstanding faculty campus-wide as well as small group seminars led by faculty. Students are encouraged to explore the possibility of a research experience in their degree program.

Requisites: Freshman standing only
Course Designation: Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2010

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.

Requisites: Open to Fr.
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 2017

ILS 157 — BRADLEY ROUNDTABLE SEMINAR
1 credit.

The Bradley roundtable seminar addresses various topics of interest to the residents of the Bradley Learning Community. Students must be residents of the Bradley Learning Community.

Requisites: Open to Fr.
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 2017

ILS 170 — CREATIVITY AND THE CIVIC-MINDED CULTURE
3 credits.

The course is designed to encourage and cultivate a sense of civic responsibility, social awareness and develop action-steps for using the arts and other creative enterprises as tools for social change. Students will explore the social, cultural and political parallels between the performing arts and creative design disciplines using real life case studies and dramatic narratives to better understand the interplay of the creative process and civic engagement. In addition, students are expected to nurture and refine capacities that will enable them to address and better understand the origin of societal concerns regarding race, class and difference. It is hoped that students will also develop a deeper consciousness of self and others and effective participation in a multicultural society.

Requisites: Must be a resident of the Creative Arts and Design or Chadbourne Learning Community.
Course Designation: Ethnic St - Counts toward Ethnic Studies requirement
Breadth - Humanities
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2013

ILS 198 — DIRECTED STUDY
1-3 credits.

Requisites: Graded on a Cr/N basis; requires cons inst and con reg in two ILS courses
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 2017
**ILS 199 — DIRECTED STUDY**  
1-3 credits.

Open to Fr  
Requisites: Graded on a lettered basis; requires cons inst con reg in 2 ILS courses.  
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 2017

**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.  
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: Fall 2017

**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.  
Requisites: Open to Fr  
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 2017

**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.  
Requisites: Open to Fr  
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 2017

**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.  
Requisites: Open to All Undergrads  
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 2017

**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.  
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 2017

**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.  
Requisites: Open to All Undergrads  
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 2017

**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.  
Requisites: Open to All Undergrads  
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 2017
ILS 208 — HISTORY OF WESTERN CULTURE II
3 credits.
The historical development of Western civilization and culture since the Renaissance. Emphasis on major institutions and the social context of ideas.
Requisites: Open to Fr
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 2011

ILS 209 — INTRODUCTION TO GLOBAL CULTURES
3 credits.
Introduction to the comparative study of world cultures from an interdisciplinary perspective. Cultures selected for consideration may vary from year to year. Consideration of such topics as literary and artistic representation, the life cycle, the idea of justice, religious beliefs.
Requisites: Open to Fr
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 2013

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. Open to Fr
Requisites: Successful completion of or exemption from Com A requirement.
Course Designation: Gen Ed - Communication Part B
Breadth - Humanities
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2017

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.
Requisites: ILS 202 or HIST SCI 201-202 or cons inst
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 2014

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.
Requisites: Open to All Undergrads
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.
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 2017

ILS 254 — LITERATURE AND SCIENCE
3 credits.
Examination of the interactions between science, technology, and literature. ILS crse
Requisites: Open to Fr.
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 2017

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.
Requisites: ILS 201 or 202 or 251 or cons inst
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.  
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: Spring 2017

ILS 298 — DIRECTED STUDY  
1-3 credits.

Graded on a Cr/N basis; requires cons inst  
Requisites: Jr st.  
Course Designation: Level - Intermediate  
L&S Credit - Counts as Liberal Arts and Science credit in L&S  
Repeatable for Credit: No

ILS 299 — DIRECTED STUDY  
1-3 credits.

Graded on a lettered basis; requires cons inst  
Requisites: Jr st.  
Course Designation: Level - Intermediate  
L&S Credit - Counts as Liberal Arts and Science credit in L&S  
Repeatable for Credit: No  
Last Taught: Fall 2017

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.  
Requisites: Cons inst  
Course Designation: Level - Intermediate  
L&S Credit - Counts as Liberal Arts and Science credit in L&S  
Repeatable for Credit: No  
Last Taught: Fall 2017

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.  
Requisites: Students must be sophs former residents of the Bradley Learning Community  
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 2017

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.  
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 2017

ILS 372 — INTERDISCIPLINARY STUDIES IN THE SOCIAL SCIENCES  
3 credits.

Interdisciplinary analysis of selected topics in the social sciences.  
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: Fall 2017

ILS 400 — CAPSTONE INTEGRATION SEMINAR  
3 credits.

Required capstone seminar for juniors and seniors seeking ILS certification.  
Requisites: Jr or Sr st and seeking ILS certificate  
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 2017

ILS 401 — GLOBAL CULTURES CAPSTONE SEMINAR  
3 credits.

Seminar to address the integration of intellectual, cultural, and social issues related to global cultures.  
Requisites: Sr st  
Course Designation: Level - Advanced  
L&S Credit - Counts as Liberal Arts and Science credit in L&S  
Repeatable for Credit: No  
Last Taught: Spring 2014

ILS 490 — RESEARCH IN INTEGRATED LIBERAL STUDIES  
2-3 credits.

This course provides opportunities for students to pursue research in integrated liberal studies.  
Requisites: At least 2 prev crses in integrated liberal studies.  
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 2017
ILS 681 — UNDERGRADUATE HONORS THESIS
3 credits.

Requisites: Jr or Sr st cons inst
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

ILS 682 — UNDERGRADUATE HONORS THESIS
3 credits.

Continuation of 681.
Requisites: Jr or Sr st cons inst
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

ILS 691 — UNDERGRADUATE THESIS
3 credits.

Requisites: Jr or Sr st cons inst
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2008

ILS 692 — UNDERGRADUATE THESIS
3 credits.

Continuation of 691.
Requisites: Jr or Sr st cons inst
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2009