SECTION D – Items reported for inclusion in the 2016-17 Undergraduate Catalog by another standing committee of the Undergraduate Coordinating Council

Other Catalog Change

University Graduation Requirements

Upper-Division Courses
A minimum … … taken at NIU.

Writing-Infused Courses
Students entering NIU with 30 or fewer credit hours, excluding credits awarded through NIU’s Credit by Examination Program, must earn credit in two upper-division courses that are designated as “writing-infused.” These courses may be taken within the general education program, the major program, or through electives. Writing-infused courses are identified with ____ and are listed below.

ACCY 375. Accountancy Writing Lab (1)
AHLS 446. Principles of Laboratory Management and Practice (1)
AHLS 448. Introduction to Research in Medical Laboratory Sciences (3)
AHRS 492. Medical Aspects of Disability in Rehabilitation (3)
ANTH 331. Language and Culture (3)
ANTH 408. Peoples and Cultures of Mainland Southeast Asia (3)
ANTH 409. Cultures and Societies of the Middle East (3)
ANTH 422. Gender in Southeast Asia (3)
ANTH 425. Environment and Anthropology (3)
ANTH 441. Sex and Gender in Primates (3)
ANTH 444. Primate Ecology and Conservation (3)
ANTH 454. Uses and Abuses of Evolutionary Theory (3)
ANTH 467. Applied Anthropology (3)
ARTH 310. Studies in Ancient and Middle-Eastern Art (3)
ARTH 320. Studies in Medieval Art (3)
ARTH 330. Studies in Early Modern European Art (3)
ARTH 331. Art, Nature and Technology 1400 to 1800 (3)
ARTH 340. Studies in Modern and American Art (3)
ARTH 350. Studies in Contemporary Art (3)
ARTH 360. Studies in Design (3)
ARTH 361. History of Sustainable Design (3)
ARTH 370. Studies in Asian Art (3)
ARTH 380. Studies in African, Oceanian, Native American, Pre-Columbian Art, and Latin-American Art
SECTION D – Items reported for inclusion in the 2016-17 Undergraduate Catalog by another standing committee of the Undergraduate Coordinating Council

CHEM 442. Physical Chemistry Laboratory I (1)
CHEM 443. Physical Chemistry laboratory II (1)
COMS 355. Media Writing (3)
ECON 492. Research Methods in Economics (3)
ELE 491. Electrical Engineering Design Proposal (1)
ELE 492. Electrical Engineering Design Project (3)
ENGL 300. Advanced Essay Composition (3)
ENGL 301. Writing Poetry I (3)
ENGL 302. Writing Fiction I (3)
ENGL 303. Writing Creative Nonfiction (3)
ENGL 308. Technical Writing (3)
ENGL 310. Ideas and Ideals in World Literature (3)
ENGL 311. Transformative Poetry (3)
ENGL 315. Readings in Shakespeare (3)
ENGL 318. Dynamics of our Living Language (3)
ENGL 322. Language in American Society (3)
ENGL 330. American Literature to 1830 (3)
ENGL 331. American Literature: 1830-1860 (3)
ENGL 332. American Literature: 1860-1910 (3)
ENGL 333. American Literature: 1910-1960 (3)
ENGL 334. American Literature: 1960-Present (3)
ENGL 335. Non-Western and Third-World Literature (3)
ENGL 337. Western Literature: Classical and Medieval (3)
ENGL 350. Writing across the Curriculum (3)
ENGL 363. Literature and Film (3)
ENGL 374. The American Short Story (3)
ENGL 375. The American Novel (3)
ENGL 376. American Drama since 1900 (3)
ENGL 377. American Poetry since 1900 (3)
ENGL 381. American Ethnic Literature (3)
ENGL 382. Women Writers: The Tradition in English (3)
ENGL 383. Gay and Lesbian Literature (3)
ENGL 384. Literary Nonfiction (3)
ENGL 401. Writing Poetry II (3)
ENGL 402. Writing Fiction II (3)
ENGL 403. Technical Editing (3)
ENGL 404. Theory and Research in Written Composition (3)
SECTION D – Items reported for inclusion in the 2016-17 Undergraduate Catalog by another standing committee of the Undergraduate Coordinating Council

ENGL 405. Early English Literature (3)
ENGL 406. Chaucer (3)
ENGL 407. Shakespeare (3)
ENGL 408. The English Renaissance: 1500-1603 (3)
ENGL 409. Milton (3)
ENGL 410. 17th Century English Literature: 1603-1660 (3)
ENGL 412. Restoration and 18th Century English Literature (3)
ENGL 414. The Victorian Age (3)
ENGL 420. Arthurian Literature (3)
ENGL 424. Topics in Technical Writing (3)
ENGL 470. The English Novel to 1900 (3)
ENGL 471. The English Novel since 1900 (3)
ENGL 474. The International Short Story (3)
ENGL 475. British Poetry since 1900 (3)
ENGL 476. British Drama since 1900 (3)
ENGL 479. Theory and Research in Literature for English Language Arts (3)
ENGL 480. Materials and Methods of Teaching English Language Arts (3)
ENGL 482. Clinical Experience in English Language Arts (3)
ENGL 485. Student Teaching in Secondary English Language Arts (3)
ENGL 493. Writing Creative Nonfiction II (3)
EPFE 321. History of American Education (3)
EPFE 355. Sociology of Schooling (3)
EPFE 400. Foundations of Education (3)
EPFE 410. Philosophy of Education (3)
EPS 430. Becoming Adult in Postmodern Contexts (3)
FCNS 406. Global Food and Nutrition Issues (3)
FINA 395. Career Planning in Finance (2)
FINA 485. Cases in Financial Decision Making (3)
FLAL 420. Introduction to Translation Theory (3)
FLAL 483. Applied Linguistics and the Romance Languages (3)
FLFR 301. Advanced French Grammar and Composition (3)
FLFR 302. Advanced French Grammar and Translation (3)
FLFR 320. Analyse de Texte (3)
FLFR 321. Masterpieces in French Literature I (3)
FLFR 322. Masterpieces in French Literature II (3)
FLFR 323. Special Topics in French Language, Literature, or Culture (3)
FLFR 371. Masterpieces of French Literature in Translation (3)
SECTION D – Items reported for inclusion in the 2016-17 Undergraduate Catalog by another standing committee of the Undergraduate Coordinating Council

FLFR 400. Special Topics in French Language, Literature, Linguistics or Culture (3)
FLFR 411. Advanced Composition in French (3)
FLFR 412. Commercial French (3)
FLFR 431. 17th Century French Literature (3)
FLFR 433. 18th Century French Literature (3)
FLFR 435. 19th Century French Literature (3)
FLFR 437. Author in Context (3)
FLFR 438. 20th Century French Literature (3)
FLFR 440. Studies in Francophone Literature (3)
FLFR 441. Medieval French Literature (3)
FLFR 443. French Literature of the Renaissance (3)
FLFR 445. French Women Writers (3)
FLFR 446. Studies in French Genres (3)
FLFR 463. La France Contemporaine (3)
FLFR 464. Paris: City of Lights (3)
FLFR 465. Versailles et Louis XIV (3)
FLFR 480. French Publishing Atelier (3)
FLFR 481. French Phonetics and Phonemics (3)
FLFR 482. History of the French Language (3)
FLFR 483. Theme et Version (3)
FLFR 484. Advanced Translation (3)
FLGE 302. Advanced German Composition and Translation (3)
FLGE 320. German Texts and Media (3)
FLGE 321. Masterpieces of German Literature I (3)
FLGE 322. Masterpieces of German Literature II (3)
FLGE 412. Practical Business German (3)
FLGE 414. German Business Communication (3)
FLGE 432. Enlightenment, through Weimar Classicism (3)
FLGE 433. German Romanticism (3)
FLGE 434. German Realism and Naturalism (3)
FLGE 435. Modern German Literature (3)
FLGE 437. Contemporary German Literature (3)
FLGE 451. German Culture and Civilization 800-1832 (3)
FLGE 462. German Culture and Civilization 1832-1945 (3)
FLGE 463. Deutschland Heute (3)
FLGE 481. The Structure of Modern German (3)
FLGE 482. Approaches to Translation (3)
FLGE 484. Translation Practice (3)
SECTION D – Items reported for inclusion in the 2016-17 Undergraduate Catalog by another standing committee of the Undergraduate Coordinating Council

FLGE 485. History of the German language (3)
FLJA 321. Introduction to Japanese Literature (3)
FLJA 361. Introduction to Japanese Culture (3)
FLRU 400. Special Topics in Russian Language, Literature, Linguistics or Culture (3)
FLSP 302. Advanced Composition in Spanish (3)
FLSP 320. Intensive Reading and Introduction to Literary Analysis (3)
FLSP 321. Masterpieces of Spanish Literature (3)
FLSP 322. Masterpieces of Spanish-American Literature (3)
FLSP 361. Introduction to Spanish Cultures (3)
FLSP 362. Introduction to Spanish American Cultures (3)
FLSP 431. Spanish Golden Age Poetry (3)
FLSP 432. Medieval Spanish Literature (3)
FLSP 433. Classical Spanish Drama (3)
FLSP 434. Cervantes: The Quixote (3)
FLSP 435. Spanish Golden Age Prose (3)
FLSP 436. Spanish Romanticism and Realism (3)
FLSP 437. The Generation of 1898/Fin de Siglo (3)
FLSP 438. Contemporary Spanish Literature (3)
FLSP 439. Women Authors in Hispanic Literature (3)
FLSP 440. Spanish American Poetry and Theater (3)
FLSP 441. Spanish American Novel (3)
FLSP 445. Latin American Women Writers (3)
FLSP 452. Literature of the Caribbean (3)
FLSP 454. Mexican Literature (3)
FLSP 455. Spanish-American Short Story (3)
FLSP 456. Colonial Latin American Literature (3)
FLSP 457. 19th Century Spanish American Literature (3)
FLSP 458. Spanish American Modernismo and Vanguardias: 1880-1945 (3)
FLSP 459. Spanish American Historical Novels (3)
FLSP 460. Contemporary Spanish American Literature (3)
FLSP 461. Special Topics in Spanish Civilization (3)
FLSP 462. Special Topics in Spanish-American Civilization (3)
FLSP 463. Hispanic Culture through Film (3)
FLSP 482. Foundations in Spanish Sociolinguistics (3)
FLSP 483. Techniques of Translation (3)
FLSP 484. Advanced Translation (3)
FLSP 486. Contrastive Grammatical Structures in Spanish and English (3)
FLSP 487. Hispanic Dialectology (3)
SECTION D – Items reported for inclusion in the 2016-17 Undergraduate Catalog by another standing committee of the Undergraduate Coordinating Council

FLSP 491. History of the Spanish Language (3)
FLST 482. Special Topics in Literature II (3)
GEOG 361. Geographic Measurement and Quantitative Analysis (3)
GEOG 464. Location Analysis (3)
GEOL 427. Planetary Geoscience (3)
GEOL 477. Field Methods in Environmental Geosciences (3)
HIST 303. History of Ancient Rome (3)
HIST 304. Late Antiquity and the Fall of Rome (3)
HIST 305. Early Middle Ages (3)
HIST 306. Later Middle Ages (3)
HIST 311. Early Modern France, 1500-1789 (3)
HIST 338. The Soviet Union and Beyond (3)
HIST 340. Ancient India (3)
HIST 343. History of Southeast Asia since ca. 1800 (3)
HIST 353. Women in African History (3)
HIST 355. History of Black American Music (3)
HIST 356. Modern Ireland (3)
HIST 357. Britain to 1688 (3)
HIST 373. Strikes, Riots, and Uprising in U.S. History (3)
HIST 374. Latinos in the United States (3)
HIST 381. Colonial Latin America (3)
HIST 382. Modern Latin America (3)
HIST 386. History of Human Rights (3)
HIST 389. Global Climate History (3)
HIST 407. Medieval Women (3)
HIST 416. The Age of Enlightenment (3)
HIST 422. Early Modern Europe (3)
HIST 434. The Russian Revolution (3)
HIST 435. Stalinism (3)
HIST 440. Islam and Colonialism in Africa (3)
HIST 444. Japanese Empire (3)
HIST 445. The Chinese Revolution (3)
HIST 447. History of Burma (3)
HIST 448. History of Indonesia (3)
HIST 461. The American Revolution (3)
HIST 465. Industrial America: 1877-1901 (3)
HIST 475. The United States and Southeast Asia and the Indian Subcontinent (3)
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<tr>
<th>Course Code</th>
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<td>American Foreign Relations since 1941-4 (3)</td>
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<td>HIST 484</td>
<td>History of Brazil (3)</td>
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<td>HIST 486</td>
<td>Poverty and Progress in Latin America (3)</td>
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<td>Industrial and Systems Engineering Senior Design Project Proposal (1)</td>
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<td>Engineering Management Design Project (3)</td>
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<td>ISYE 494</td>
<td>Health Systems Design Project (3)</td>
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<td>Manufacturing Systems Design Project (3)</td>
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<td>Article Writing (3)</td>
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<td>JOUR 401</td>
<td>Editorial and Opinion Writing (3)</td>
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<td>JOUR 460</td>
<td>Specialized Press Writing (3)</td>
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<td>KNPE 325</td>
<td>Assessment of Upper-Extremity Injury (3)</td>
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<td>Introduction to Adventure Education (3)</td>
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<td>Lesbian, Gay, Bisexual, and Transgender Studies (3)</td>
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<td>Queer Theory (3)</td>
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<td>PHIL 495</td>
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<td>American Electoral Democracy (3)</td>
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<td>POLS 324</td>
<td>Politics of Environmental Health and Safety Regulation (3)</td>
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<td>SEEC 343</td>
<td>Teaching Science and Mathematics to Children Ages 5-8 (3)</td>
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<td>SEEC 403</td>
<td>Primary Curriculum (3)</td>
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| SESE 415    | Instructional Methods for Elementary Students with Mild Disabilities: Reading, Language Arts | }
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(4) SESE 444. Instructional Methods and Strategies for Middle and Secondary Students with Mild Disabilities (3)
(3) TECH 477. Engineering Technology Senior Design Project (1)
(3) TECH 478. Engineering Technology Senior Design Project (3)
(3) TECH 434. Human Factors in Industrial Accident Prevention (3)
(3) TECH 496. Industrial Project Management (3)
(3) TH-D 474. Dance Philosophy and Aesthetics (3)
(3) TH-D 475. History of Dance 17th Century to Modern Times (3)
(3) THEA 370. History of Theatre and Drama I (3)
(3) THEA 371. History of Theatre and Drama II (3)
(3) THEA 482. Playwriting Studio (3)
(3) UHHS 460. Introduction to Research in Health and Human Sciences (3)

Other Catalog Change

Academic Regulations

Repeating a Course
The policy outlined … … application process.

A student may repeat any course in which a grade of D or F was received. The highest grade which the student earns in the repeat will replace the original grade will be used in the GPA calculation, but both grades will always appear on the student's official transcript. In all cases, the permanent record of a student repeating a course will report each enrollment in the course. (A course withdrawal does not count as a repeat.)

↓

All grades received in the course will appear on the transcript. Credit may be earned only once unless the course description in the catalog states otherwise. Exceptions to this policy may be granted only by the dean of the student's major college. In all cases, third or subsequent enrollments in a course may be allowed only if the department in which the course is taught agrees to permit enrollment. In approved third or subsequent enrollments the highest grade earned during the last enrollment will be used in the GPA calculation.

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Repeated Courses in Transfer
The calculation of the GPA for admission will not count repeated courses for which the student received a grade of C or better in the first attempt, nor will such courses be accepted for transfer credit. In those
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situations where a student has repeated a course for which a D or F grade was previously earned, the second attempt only will be utilized for the above purposes.

In those situations where a student has repeated a course for which a grade below a C was previously earned, only the highest grade will be utilized for transfer credit. Once a student earns a grade of C or better in a course, subsequent attempts will not count for transfer credit.

The evaluation of transfer credit will give the student the benefit of the doubt in identifying repeated courses. Courses will be identified as repeats only if they fall into one of the following categories.

General Education Committee, 9/17/15, 10/15/15, 11/19/15, 1/21/16 + UCC 11/5/15, 1/14/16, 2/4/16

Other Catalog Change Undergraduate Catalog

University Graduation Requirements

General Education

Knowledge Domain Course Descriptions

Creativity and Critical Analysis

ANTH 210. … ….


ARTH 282. … ….

ARTH 350. … ….

COMS 203. INTERPERSONAL COMMUNICATION SKILLS (3). Promotes the study, development, and practice of basic interpersonal and relational skills for effective personal relationships in private and public spheres.

COMS 220. … ….
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COMS 356. … ....

COMS 426. ADVANCED DOCUMENTARY FIELD PRODUCTION (3). Video production based on application of appropriate theories and aesthetics for documentary production. Projects utilize digital editing, audio track mixing, digital video camera(s), and locations as needed. PRQ: COMS 358 and COMS 457 and successful portfolio review or consent of department.

COMS 480. COMMUNICATION AND CONFLICT MANAGEMENT (3). Communication principles and techniques in relation to conflict management and negotiation; emphasis on interpersonal and organizational contexts. PRQ: COMS 303.

ENGL 110. … ....
↓
EPFE 410. … ....

EPS 300. EDUCATIONAL PSYCHOLOGY (3). Application of psychological principles to teaching with attention given to the learning process. RQ: GPA of 2.00 or higher and PSYC 102.

EPS 430. BECOMING ADULT IN POSTMODERN CONTEXTS (3). A cross-disciplinary approach to explore the meaning(s) of adulthood and the reasons for the delay in the transition to adulthood in contemporary society utilizing psychological, sociological, historical, and anthropological approaches. Focus on identity theories, postmodern critiques of identity, and contested definitions of adulthood. Reflection on identity development and growth toward adulthood is encouraged. PRQ: PSYC 102.

ETT 231. DIGITAL VISUAL LITERACY FOR LEARNING (3). Exploration of the historical background and practice involved in digital visual literacy. Review the use and design of various digital media communications. Develop understanding of the interpretation of digital visual literacy. Create and integrate digital visual literacy into professional practice for various audiences.

FCNS 262. DESIGN TRENDS IN WESTERN COSTUME (3). Survey of the evolution of styles in western dress from ancient Egypt, Greece, and Rome through the 20th century. Examination of factors impacting stylistic trends within and across eras. Study of social conditions necessary for the fashion process, as well as sources of new styles and how they diffuse within populations.

FLCL 271. … ....
↓
HIST 261. … ....
SECTION D – Items reported for inclusion in the 2016-17 Undergraduate Catalog by another standing committee of the Undergraduate Coordinating Council

HIST 350. JAPAN TO 1600 (3). Survey of ancient and medieval Japanese civilization. Beginnings of the imperial institution, early influences from the Asian continent, political transformations from aristocratic to warrior rule, and the development of what is now known as "Japanese tradition."

HIST 352. Popular Culture in Japan (3). History of popular arts and culture in Japan, from the flowering of Genroku culture in the 17th century to the present, with an introduction to theories of popular culture (mass culture theory, culture industry, feminism, postmodernism) and issues of aesthetics. Topics include popular theater (kabuki and puppet theater), graphic art and advertising, cultural appropriations from the West, popular music and cinema, manga (comics) and anime (animation), and fantasy and apocalyptic themes.

HIST 369. WOMEN IN UNITED STATES HISTORY (3). Social, economic, and intellectual roles of women from the colonial period to modern times. Organization and function of the women's rights movement, and the dynamics of change in the lives of "ordinary" women, particularly in familial and occupational settings.

HIST 383. LATIN AMERICA THROUGH FILM (3). Exploration of major themes in Latin American history from conquest to the modern day through film. Topics, examined through feature-length films and selected readings, include physical and spiritual conquest of Latin America, rural life, women, the family, the military, politics, capitalist modernization, authoritarianism, and revolution.

JOUR 350. ENVIRONMENT, HEALTH AND THE MEDIA (3). Introduction to techniques for analyzing environmental and health news. Exploration of methods for evaluating various information sources and the scientific validity of environmental and health news, while understanding the social and political impact of environmental and health journalism in perceiving risk and deriving solutions.

MEE 382. DESIGN THINKING (3). A semester-long process of applying Design Thinking to come up with solutions to so-called "wicked problems" that are open ended and often ill defined. The process consists of formal steps and techniques to understand and empathize with users' perspectives; to produce a coherent vision out of messy problems; to generate a wide variety of possible solutions; and to develop low fidelity...
prototypes to be tested and evaluated. Brings together student innovators with varied backgrounds and viewpoints, enabling breakthrough insights and solutions to emerge from the diversity. PRQ: Completion of the Foundational Studies requirements of General Education, or consent of department.

MGMT 227. ENTREPRENEURSHIP, INNOVATION, AND SUSTAINABILITY (3). Examination of strategic aspects of launching and scaling an entrepreneurial venture with a focus on opportunity identification, feasibility analysis, sustainability and business planning. Develops knowledge about innovation in a variety of contexts. PRQ: Sophomore, junior, or senior standing; or consent of department.

MGMT 311. SOCIAL ENTREPRENEURSHIP (3). Examination of the factors that support the development and growth of sustainable ventures to generate economic, social, and environmental change, including understanding the social value proposition, sustainable business models, and management practices related to resource acquisition, organization, and performance management frameworks. PRQ: Sophomore, junior, or senior standing.

MGMT 327. CREATIVITY, INNOVATION, AND ENTREPRENEURSHIP (3). Study of methods used and development of skills needed to identify entrepreneurial opportunities and construct innovative solutions. Topics include theories of creativity, enterprise idea generation and evaluation, and other concepts, models and techniques used in practice. PRQ: Sophomore, junior, or senior standing.

MUHL 220. … ….

MUHL 221. INTRODUCTION TO JAZZ MUSIC (3). Enhance an understanding, appreciation, and enjoyment of jazz. Divided broadly into three activities: study of music fundamentals, rhythmic structure, and form; listening lessons arranged to illustrate the evolution of jazz music; and study of the origins of this American art form and its relationship to the social, economic, and political climates in which it developed.

MUHL 222. World Music and Culture (3). Surveys the unique and changing meanings of music from historical, political, and religious perspectives through engagement in interactive musical activities. Examination of specific musical practices of various world cultures, how music is perceived within its sociocultural context, and establishment of a mindset for global interconnections.

PHIL 101. … ….

TH-D 222. … ….

TH-D 474. DANCE PHILOSOPHY AND AESTHETICS (3). Philosophy of dance including aesthetic principles and critical evaluations of varying dance forms and styles.
THEA 203. … …. 

THEA 370. HISTORY OF THEATRE AND DRAMA (3). Study of the development of theatre as an artistic form from classical Greece and Rome through the Elizabethan period. Reading and analysis of significant play texts in the context of their original performance.

WGST 202. … …. 

Nature and Technology

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ANTH 240. … …. 

ARTH 331. ART, NATURE AND TECHNOLOGY 1400 TO 1800 (3). Examination of mathematical and scientific principles used by artist-scientists to create art and architecture from 1400 to 1800. Exploration of the ancient roots of these principles and their continuing currency in artist-scientists' achievements today.

BIOS 101. … …. 

↓

ELE 100. … …. 

ENVS 210. INTRODUCTION TO SUSTAINABLE FOOD SYSTEMS (2). Overview of how Illinois residents have responded to food problems through local initiatives. Examines different local food models used in DeKalb County and northern Illinois. Local public gardens will be used to explore soil science, food justice, local food, project management, public health, and environmental issues. Opportunities for several on-site visits to food production operations in the region. One hour of lecture and three hours of laboratory work in local public gardens per week.

ETR 450. DATA ANALYSIS FOR DESIGN AND EVALUATION (3). Introduction to the evaluation of instructional and training programs. Exploration of data collection methods and analysis approaches used to assess effectiveness of instructional and training programs, both during the instructional development process or after intended trainings are delivered. PRQ: Consent of the department.

ETT 234. LEARNING WITH TECHNOLOGY (3). Overview of current and emerging interactive technology (hardware and software) used to support learning in various settings. Reviews the development of technology tools for learning in different settings from the past to current technologies with hands-on experience with these technologies.
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FCNS 201. … ....
↓
ISYE 100. … ....

ISYE 250. INTRODUCTION TO LEAN SYSTEMS ENGINEERING (3). Introduction to various lean concepts and lean tools at the basic level. Topics include lean principles, kaizen, wastes identification, flow charting, capacity analysis, productivity analysis, value stream mapping, workplace organization and standardization, visual control/management, plant layout, and line balance. PRQ: MATH 110 or consent of department.

ISYE 420. INTRODUCTION TO ENERGY MANAGEMENT SYSTEMS (3). Introduction to analytic and strategic issues related to energy systems management through systems thinking and modeling, including energy management in commercial building and industrial plants. Exposure to practical analytical skills of energy economics and planning approaches that take into account the cost of environment impacts. Interrelationship between energy, economics and the environment, as well as other important issues in energy policy. PRQ: Consent of the department.

KNPE 100. … ....

MEE 101. ... ....

OMIS 259. Introduction to Business Information Systems (3). Overview of the hardware, software, and processing concepts of business information systems. Emphasis on the use of integrated software packages in the solution of a variety of business problems. Laboratory assignments in using word processing, spreadsheet, and database software.

PHIL 205. … ....
↓
PHYS 150. … ....

PHYS 151. PHYSICS LABORATORY (1). Selected experiments designed to accompany PHYS 150. One two-hour laboratory per week. CRQ: PHYS 150.

PHYS 162. … ....
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PHYS 273. … ....
PSYC 345. COGNITIVE PSYCHOLOGY (3). Introduction to how a person attends to and gains information about the world, how that information is stored in and retrieved from memory, and how this knowledge is used in language and comprehension, problem solving, and thinking. PRQ: At least sophomore standing and PSYC 102, or consent of department.

PSYC 481. DRUGS AND BEHAVIOR (3). Basic techniques, current data, and interpretations from neurochemical, neuropharmacological, and behavioral approaches to the investigation of behaviorally active drugs. Some knowledge of the structure and functioning of the mammalian nervous system assumed. PRQ: At least junior standing and PSYC 300, or consent of department.

STAT 301. … …. 

Society and Culture

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ANTH 230. … …. 

ANTH 465. MEDICAL ANTHROPOLOGY (3). Survey of interactions between infectious and parasitic diseases, genetic predispositions, and specific cultural habits, attitudes, and beliefs. Includes cognitive systems as they relate to disease theory in various cultures and examples of folk medical practices and beliefs. PRQ: ANTH 220 or ANTH 240 or consent of department.

ART 465. INTRODUCTION TO MUSEUM STUDIES (3). Survey of the history and philosophy of museums and museum typology. Overview of the purposes, structure, and operations of museums with attention to current issues and practices relating to ethics, collections, exhibitions, and education. Lectures, discussion, museum field trips, museum practicum. PRQ: Junior standing.

ARTE 109. … …. 

ARTH 360. … …. 

ARTH 361. HISTORY OF SUSTAINABLE DESIGN (3). History, theory, and criticism of sustainable design from the 18th century to the present.

ARTH 370. … …. 

ARTH 380. … …. 

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- BIOS 324X. WOMEN IN SCIENCE (3). Crosslisted as WGST 324 and GEOG 324X. Why women are underrepresented in many scientific fields. The history of women in science, the current status of women in science, and the representation of women in various scientific disciplines.

- BKST 200. ... ....
- BKST 219. ... ....

- BKST 300. FOUNDATIONS OF BLACK STUDIES (3). Introduction to the development, philosophy, and history of black studies.

- BKST 440. BLACK LIBERATION MOVEMENTS (3). Focus on the comparative historical-cultural analysis of the liberation movements of African Americans and Black South Africans. PRQ: By permit only.

- CLCE 100. ... ....

- COMD 220. INTRODUCTION TO COMMUNICATIVE DISORDERS (3). Overview of speech, language, and hearing processes and disorders. Discussion of the professional and scientific roles of speech-language pathologists, and audiologists as well as the implications of assisting individuals with communicative disorders in social, educational, and vocational settings.

- COMS 240. ... ....

- COMS 362. INTERCULTURAL COMMUNICATION (3). Focus in communicative interactions, patterns, and practices that lead to constructive and destructive consequences when disparate cultures come into close contact with one another.

- COMS 403. FREEDOM OF SPEECH AND COMMUNICATION ETHICS (3). Social responsibilities of the public and private oral communicator, as sender and receiver; issues of freedom of speech and exploration of problems of ethics in speech communication.

- COMS 410. ... ....
- ECON 261. ... ....

- ENVS 303. ENVIRONMENT IN THE SOCIAL SCIENCES AND HUMANITIES (3). Focus on human interaction with, and representation of, the environment with particular attention to how human communities and political institutions respond to and serve as agents of environmental change. Divided into three basic
components intended to provide an understanding of trends in prehistoric and historic human adaptation, contemporary environmental challenges linked to industrialization, and the ways in which contemporary human communities and political institutions respond to and contest environmental challenges within the context of complex state and global changes.

EPFE 201. … …. 
EPFE 355. … …. 

EPFE 440. Education for Social Justice (3). Examines the social and psychological conditions that give rise to increased levels of violence, aggression, and fear within individuals and societies. Explores how “education for social justice” as a conceptual framework can be best adopted and practiced by educators and citizens to clarify the moral and educational challenges posed by these destructive psychological and cultural patterns of behavior.


ETR 451. COMMUNITY-BASED AND PARTICIPATORY ACTION RESEARCH (3). Introduction to theories and practice of Participatory Action Research (PAR) and Community-based research. Emphasis on hands-on fieldwork in a community setting to investigate a particular issue or problem.

ETT 211. TECHNOLOGY IN A DIVERSE SOCIETY (3). Access, evaluation, and utilization of instructional and social media for various cultures and countries. Topics include appropriateness of technology for diverse audiences, analysis of technology for instructional environments, and analysis of technology for social environments.

ETT 329. LEARNING IN THE DIGITAL AGE (3). Survey of emerging technologies and tools that are transforming our society and schools, as well as the implications these changes have for learning. Emphasis on the skills and knowledge students need to learn effectively and live productively in an increasingly global and digital world.

FCNS 207. … …. 
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GEOG 204. … …. 

GEOG 324X. WOMEN IN SCIENCE (3). Crosslisted as WGST 324 and BIOS 324X. Why women are underrepresented in many scientific fields. The history of women in science, the current status of women in
science, and the representation of women in various scientific disciplines.

HIST 270. THE AFRICAN AMERICAN TO 1865 (3). Survey emphasizing the heritage, culture, and historical role of African-Americans and the problem of race relations in our national life to 1865.

HIST 271. The African-American since 1865 (3). Survey emphasizing the heritage, culture, and historical role of African-Americans and the problems of race relations in our national life since 1865.

HIST 343. HISTORY OF SOUTHEAST ASIA SINCE CA. 1800 (3). The several nations of Southeast Asia in the 19th and 20th centuries with emphasis on their reaction to European imperialism, Western science and technology. Principal topics include nationalism, socialism, the struggle for independence, and problems of modernization.

HIST 349. AFRICAN HISTORY SINCE 1600 (3). Modern African history. Emphasis on colonization and the colonial empire. The fight for independence and liberation; the development of economic dependence and neocolonialism; and the emergence of modern African nations.

HIST 355. HISTORY OF BLACK AMERICAN MUSIC (3). Examination and exploration of issues under scholarly debate on the history of black music in the United States. Emphasis on social and political contexts for creation of music by black Americans.

HIST 361. HISTORY OF HEALTH AND MEDICINE IN THE UNITED STATES (3). Historical relationships between health care, society, and politics in the United States. Changing conceptions of health and illness; impact of infectious and chronic diseases since the colonial period; traditional healing practices and their displacement by medical professionalization; the creation of health care institutions; medicine in wartime; history of racial, class, and gender differences in health care practice and delivery.

HIST 386. History of Human Rights (3). Historical emergence and evolution of “human rights” as idea, aspiration, and socio-political practice. Focus on debates about origins of human rights; whether it expresses Western or universal values; development of human rights advocacy; and roles played by states, non-governmental organizations, individuals, and the media in globalization of human rights over the past two centuries.

KNPE 111. … …
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KNPE 301. INTRODUCTION TO KINESIOLOGY AND SPORT PROFESSIONS (3). Introduction to concepts and competencies for careers in kinesiology. CRQ: KNPE 300.

LESM 365. COMMUNICATION STRATEGIES IN SPORT AND EXERCISE (3). Application of communication theories to the sport, exercise, and fitness industries. Examination of public and media relations with a special focus on message development, social media, image building and crisis management for sport, exercise, and fitness organizations.

LGBT 350. ...

MGMT 417. LEADING AND MANAGING CHANGE (3). Develops knowledge and capabilities to manage and lead personal and organizational change. Topics include understanding how change occurs at the individual and organizational level, seeing opportunities for change, leveraging strengths, navigating cultural and ethical dynamics, overcoming resistance to change, and related topics. PRQ: Sophomore, junior, or senior standing.

PHHE 201. ...

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PHHE 295. ...

PHHE 315. INTRODUCTION TO HEALTH PROMOTION (3). An overview of individual and community-level interventions designed to prevent illness/injury and promote well-being; principles and techniques for promoting and maintaining health; emphasis on the acquisition and maintenance of health enhancing behaviors, the design of health promoting interventions, and their environments. PRQ: PHHE 295.

PHIL 336. BIOMEDICAL ETHICS (3). Examination of ethical issues in health care, addressing such questions as: Is it ever appropriate for doctors to help patients die? Should there be limits on genetic manipulation or cloning? Should society provide health care for its citizens? What guidelines should govern animal and human medical research? Should doctors ever deceive patients to protect them from harm? Under what conditions is consent to medical treatment valid?

POLS 100. ...

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SEAS 225. ...

SEEC 401. PLAY DEVELOPMENT OF THE YOUNG CHILD (3). Significance of play in the development process. Examination of various aspects of play in early childhood programs.
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SOCI 170. … …. 
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SOCI 270. … …. 

SOCI 354. FAMILIES AND SOCIAL CHANGE (3). Introduction to family sociological and historical research, focusing on the diversity and adaptability of families in changing contemporary American society. Emphasis on how large social trends and forces such as economic transitions, governmental policies, and societal values and beliefs affect families as units and family members as individuals. Attention given to understanding the dynamic social construction of gender within and outside of families. PRQ: SOCI 170 or SOCI 250 or SOCI 260 or SOCI 270, or consent of department.

WGST 101. … …. 

WGST 201. … …. 

WGST 324. WOMEN IN SCIENCE (3). Crosslisted as GEOG 324X and BIOS 324X. Why women are underrepresented in many scientific fields. The history of women in science, the current status of women in science, and the representation of women in various scientific disciplines.

Other Catalog Change Undergraduate Catalog

Note: For the Pathways catalog language, courses highlighted in green are new general education courses. For the pink highlighted, these are courses new to the 16-17 catalog.

University Graduation Requirements

General Education 
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Pathways
Knowledge Domain requirements … …. towards a Pathway. Students have the option to organize their required general education courses into a Pathway Focus, as long as the Knowledge Domain distributional requirements are fulfilled. To earn a Pathways Focus, students must successfully complete three courses from a single Pathway, one course from each Knowledge Domain. Students are still responsible to take additional Knowledge Domain courses to complete their general education requirements.
Creativity and innovation are essential for individuals, societies, economies, and organizations to change, prosper, and grow. This Pathway addresses the inception of creative ideas in individuals as well as how innovation and change is experienced and represented by individuals, groups, families, organizations, and/or societies. In the Pathway courses, students will engage with the topics of creativity, innovation, and change in a variety of disciplines across the university—both in terms of the phenomena and their outcomes. Students will examine different types of creativity and innovation at work in groups, organizations, and the minds of individual thinkers. Finally, they’ll develop a better understanding of how change and innovation is enhanced and how it can be inhibited.

Select one of the following Creativity and Critical Analysis courses:
ARTH 292. Art and Design since 1900 (3)
ARTH 340. Studies in Modern and American Art (3)
ARTH 350. Studies in Contemporary Art (3)
FCNS 262. Design Trends in Western Costume (3)
HIST 352. Popular Culture in Japan (3)
HIST 369. Women in United States History (3)
MEE 382. Design Thinking (3)
MGMT 227. Entrepreneurship, Innovation, and Sustainability (3)
MGMT 311. Social Entrepreneurship (3)
MGMT 327. Creativity, Innovation, and Entrepreneurship (3)
MUHL 221. Introduction to Jazz Music (3)
TH-D 222. Dance and the Fine Arts (3)
TH-D 474. Dance Philosophy and Aesthetics (3)
THEA 203. Introduction to Theatre (3)

Select one of the following Nature and Technology courses:
ELE 100. Elements of Electronics (3)
ISYE 100. Fundamentals of Manufacturing Systems (3)
ISYE 250. Introduction to Lean Systems Engineering (2)
ISYE 420. Introduction to Energy Management Systems (3)
TECH 294. Technology and Cultural Relevance (3)

Select one of the following Society and Culture courses:
ARTE 109. Strategic Visual Thinking (3)
HIST 355. History of Black American Music (3)
MGMT 417. Leading and Managing Change (3)
SOCI 250. Contemporary Social Institutions (3)
SOCI 354. Families and Social Change (3)

Global Connections
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The Global Connections Pathway begins with the premise that the world is interconnected and that understanding its peoples, ideas, resources and systems is of vital importance. Students in the Pathway explore the ways in which the world’s cultures interact, and the practices and discourses that have and continue to animate those encounters. The environment itself, its climate and resources are also a valuable part of the Pathway, framing the stage on which humans engage with each other and the natural world. A rich body of work on globalization and its antecedents provides overarching questions across the knowledge domains and help Pathway participants think critically and comparatively about the movement of people, capital, and culture around the world and its impact.

Select one of the following Creativity and Critical Analysis courses:
ARTH 294. Art History Survey: Arts of Asia (3)
HIST 140. Asia to 1500 (3)
HIST 141. Asia since 1500 (3)
HIST 383. Latin America through Film (3)
ILAS 100. Introduction to Latin American Civilization (3)

Select one of the following Nature and Technology courses:
FCNS 406. Global Food and Nutrition Issues (3)
GEOG 101. Introduction to Environmental Geography (3)
GEOG 204. Geography of Economic Activities (3)
GEOL 104. Introduction to Ocean Science (3)
MEE 101. Energy and the Environment (3)

Select one of the following Society and Culture courses:
ANTH 220. Introduction to Cultural Anthropology (3)
BKST 219. Introduction to African Studies (3)
HIST 343. History of Southeast Asia since ca. 1800 (3)
HIST 349. African History since 1600 (3)
HIST 382. Modern Latin America (3)
POLS 260. Introduction to Comparative Politics (3)
SEAS 225. Southeast Asia: Crossroads of the World (3)

Health and Wellness
Promoting health and wellness allows individuals to improve their lives as well the health of their families and the broader communities within a social context. The Health and Wellness Pathway affords students the opportunity to integrate a broad range of knowledge and skills to promote effective life changes and enhance their well-being, while providing a multidisciplinary base for those who seek careers related to health and wellness. Courses chosen for this Pathway constitute a holistic approach to health and wellness (e.g., physical, environmental, emotional, social, and intellectual). Moreover, this Pathway recognizes that achieving optimal health and wellness is a lifelong and continual process, and that a thorough
understanding of the factors that define and determine wellness and improve health is necessary to comprehend the mutual relationship between the mind and the body, take personal and social responsibility for self-improvement, create opportunities for well-being, optimize quality of life, and foster new approaches to address a perpetually changing environment.

Select one of the following Creativity and Critical Analysis courses:
- COMS 203. Interpersonal Communication Skills (3)
- COMS 480. Communication and Conflict Management (3)
- ENGL 110. Transformative Fictions (3)
- JOUR 350. Environment, Health, and the Media (3)
- KNPE 393. Social Aspects of Sport (3)

Select one of the following Nature and Technology courses:
- BIOS 109. Human Biology (3)
- FCNS 201. Human Nutrition (3)
- KNPE 100. Scientific Basis of Human Activity (3)
- PSYC 481. Drugs and Behavior (3)

Select one of the following Society and Culture courses:
- ANTH 465. Medical Anthropology (3)
- FCNS 280. Human Development, the Family, and Society (3)
- HIST 361. History of Health and Medicine in the United States (3)
- HIST 386. History of Human Rights (3)
- KNPE 111. Sport: Culture and Society (3)
- KNPE 201. Introduction to Kinesiology and Sport Professions (3) – (This was removed at a later date by coord.)
- LESM 365. Communication Strategies in Sport and Exercise (3)
- PHHE 201. Social and Individual Patterns of Drug Use (3)
- PHHE 206. Contemporary Health Concepts (3)
- PHHE 295. Introduction to Public Health (3)
- PHHE 315. Introduction to Health Promotion (3)
- PHIL 336. Biomedical Ethics (3)
- POLS 220/PSPA 220X. Introduction to Public Policy (3)

Learning
The specific processes and circumstances related to learning vary with cultural, historical, sociological and individual factors, making the area of learning a richly diverse and interdisciplinary field with many methodological perspectives, emphases and applications. The study of learning offers applications to personal, societal and professional areas of life. Students learn about the way in which learning is influenced by context, how to improve it, and how to assess its effectiveness. The study of learning also
pertains to informed citizenship, which requires development of the ability to use information to think about an issue critically, from multiple perspectives and with an understanding of diverse methodological approaches. Students who in the Learning Pathway will become aware of a framework of understanding that not only encompasses their own disciplines, but begins to include other methodologies into their schema of understanding. This will help students to not only become more flexible in their approaches to problem solving but more accepting of other ideas and conventions of thought. This Pathway intentionally draws from several diverse disciplines to attempt to challenge students’ comfort and their methodologies, examining common issues and ideas that appear in several fields, allowing them to see the problem as a multifaceted way as opposed to a two-dimensional object.

Select one of the following Creativity and Critical Analysis courses:
- COMS 356. Critical Interpretation of Film/Television (3)
- EPS 300. Educational Psychology (3)
- EPFE 400. Foundations of Education (3)

Select one of the following Nature and Technology courses:
- ETR 450. Data Analysis for Design and Evaluation (3)
- ETT 234. Learning with Technology (3)
- HIST 323. History of Science to Newton (3)
- ILAS 261. Language, Mind, and Thought (3)
- PSYC 345. Cognitive Psychology (3)

Select one of the following Society and Culture courses:
- ANTH 120. Anthropology and Human Diversity (3)
- BKST 300. Foundations of Black Studies (3)
- COMD 220. Introduction to Communicative Disorders (3)
- EPS 307. Development of the Adolescent (3)
- ETT 329. Learning in the Digital Age (3)
- FCNS 230. Child Development (3)
- PSYC 225. Lifespan Development: Childhood through Adulthood (3)
- PSYC 245. Thinking (3)
- SEEC 401. Play Development of the Young Child (3)

Origins and Influences
The Origins and Influences Pathway considers a timeless question: how has the past shaped the present? By studying this question students will expand their understanding of who we are—as individuals, as members of societies, and as participants in the human condition. This Pathway considers the broader context of human society and culture, the relationship of people to nature and technology, and the broad array of human endeavors in creativity and critical thought. It takes the long view of the human past.
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reaching back to the origins of the planet and the development of humans as a species. At the same time, it looks forward to such contemporary matters as race, gender, and sexuality in modern society. Courses in the Origins and Influences Pathway explore the ways in which humans have constructed their economic, social, and political orders, and they give vital attention to the central place of literature, music, and the performing arts in the human experience. Across a wide variety of courses and programs, students will gain diverse perspectives on the multiple ways in which the past has shaped our world.

Select one of the following Creativity and Critical Analysis courses:
ARTH 282. Introduction to World Art (3)
ENGL 315. Readings in Shakespeare (3)
EPFE 321. History of American Education (3)
FLCL 271. Classical Mythology (3)
FLRU 261. Russian Culture and Literature (3)
HIST 170. World History I: Problems in the Human Past (3)
IDSP 225. Introduction to Medieval Society and Culture (3)
MUHL 220. Introduction to Western Musical Traditions (3)
POLS 251. Introduction to Political Philosophy (3)
THEA 370. History of Theatre and Drama I (3)
WGST 202. Women and Cultural Expression (3)

Select one of the following Nature and Technology courses:
ANTH 101. Human Origins (3)
ARTH 331. Art, Nature and Technology 1400 to 1800 (3)
GEOL 103. Planetary and Space Science (3)
GEOL 120. Introductory Geology (3)
PHYS 162. Elementary Astronomy (3)

Select one of the following Society and Culture courses:
ARTH 310. Studies in Ancient and Middle-Eastern Art (3)
ARTH 330. Studies in Early Modern European Art (3)
GEOG 202. World Regional Geography (3)
HIST 270. The African-American to 1865 (3)
HIST 381. Colonial Latin America (3)

Social Justice and Diversity
The prosperity of a diverse society demands that its citizens be able to contribute to public discourse and policymaking in an educated and thoughtful manner. The Social Justice and Diversity Pathway is designed to do the following: provide students with the necessary skills and knowledge to be prepared for active and responsible engagement in social decision-making; to unite people of different social identities; to create and sustain social and political processes; and to support a just and equitable society. This Pathway
recognizes that public issue decisions need to be tied to facts, a fully developed personal sense of social justice, individuals’ understanding of their identities and their connection to the larger social context. This Pathway also guides students toward an understanding of the political and economic mechanisms that guide the policy process. The courses chosen for this Pathway address one or more of these elements and were chosen to provide students with a knowledge base that will prepare them for a lifetime of informed engagement in a diverse society. This Pathway provides the opportunity for students to develop the skills, values, and personal understanding to become leaders in our globalized society.

Select one of the following Creativity and Critical Analysis courses:
- COMS 426. Advanced Documentary Field Production (3)
- EPS 430. Becoming Adult in Postmodern Contexts (3)
- ETT 231. Digital Visual Literacy for Learning (3)
- HIST 260. American History to 1865 (3)

Select one of the following Nature and Technology courses:
- ANTH 240. General Physical Anthropology (3)
- ENVS 210. Introduction to Sustainable Food Systems (2)
- GEOG 253. Environment and Society (3)

Select one of the following Society and Culture courses:
- BKST 200. Racism in American Culture and Society (3)
- BKST 440. Black Liberation Movements (3)
- CLCE 100. Community Leadership and Civic Engagement (3)
- COMS 362. Intercultural Communication (3)
- COMS 403. Freedom of Speech and Communication Ethics (3)
- COMS 410. Communication and Gender (3)
- EPFE 440. Education for Social Justice (3)
- ETT 211. Technology in a Diverse Society (3)
- HIST 271. The African-American since 1865 (3)
- LGBT 350. Lesbian, Gay, Bisexual, and Transgender Studies (3)
- SOCI 270. Social Problems (3)
- WGST 101. Women, Sex, and Gender Today (3)
- WGST 324/BIOS 324X/GEOG 324X. Women in Science (3)

Sustainability

Many have defined sustainability as economic development that meets the needs of the present without compromising the ability of future generations to meet their own needs. Others stress the value of social justice with intergenerational equity and respect for the planet and all of its occupants. The Sustainability Pathway investigates both fiscal and environmental sustainability through economic and societal activities. People, technology, and natural processes will be critical elements in achieving more sustainable societies.
with environmental justice, with both costs and benefits being collective. Sustainability studies are relevant to a wide array of disciplines because sustainable behaviors must flow from knowledgeable, participatory citizens with an intergenerational awareness of the connections, and interdependencies among equitable societies, vital economies, human innovation, and goods and services. This Pathway is designed to equip students with the knowledge and skills necessary to develop sustainable choices over the course of their lives and professional careers.

Select one of the following Creativity and Critical Analysis courses:
ANTH 102. Rise of Civilization (3)
COMS 220. Rhetoric and Public Issues (3)
HIST 171. World History II: Problems in the Human Past (3)
HIST 261. American History since 1865 (3)

Select one of the following Nature and Technology courses:
ANTH 103. The Great Apes (3)
BIOS 106. Environmental Biology (3)
GEOL 105. Environmental Geology (3)
HIST 377. American Environmental History (3)
TECH 245. Pollution Prevention and Sustainable Production (3)

Select one of the following Society and Culture courses:
ARTH 360. Studies in Design (3)
BKST 211. Educating for Cultural Sensitivity (3)
ECON 160. Contemporary Economic Issues (3)
ENVS 303. Environment in the Social Sciences and Humanities (3)
ETR 451. Community-based and Participatory Action Research (3)
FCNS 207. The Consumer (3)
POLS 210. Introduction to Law and Courts (3)