2011 Suplplement



ILLINOIS STATE UNIVERSITY Undergraduate Catalog 2011 Supplement

Effective May 09, 2011

The purpose of this 2011 Supplement is to provide additional information about new programs and courses beyond what appeared in the published 2010-2012 Undergraduate Catalog. This supplement is being provided in order for all curriculum information to be available for advisement and course selection to better serve students, advisors, and the campus community. This supplement includes: new courses, revisions to programs and courses due to accreditation standards, and/or administrative requests. Additionally, this supplement provides corrected catalog copy for programs and courses that were incorrectly shown in the 2010-2012 Undergraduate Catalog.

For the catalog information online, visit the Website at: illinoisstate.edu/home/catalog

Table of Contents

Board of Trustees
University Administrative Officers 3
Mission Statement
University Offices 4
Equal Opportunity, Ethics and Access 5
FERPA and Public Notification
of Directory Information6
University Calendar: 2011-2012 7
New and Revised Courses8
Program Revisions:
Chemistry: Major in Chemistry12
Teacher Education Sequence
Family and Consumer Sciences:
Interior and Environmental Design
Sequence
Kinesiology and Recreation:
Major in Recreation and Park
Administration
Minor in Recreation and Park
Administration
2010-2012 Catalog Corrections:
Biological Sciences: Organismal Biology
and Public Outreach Sequence 14
Biological Sciences Courses 14
Health Sciences Course
English Course
Politics and Government Course15
Global Studies Graduation Requirement 16
SMT Graduation Requirement

Board of Trustees

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Illinois State University Mission Statement

We at Illinois State University work as a diverse community of scholars with a commitment to fostering a small-college atmosphere with large-university opportunities. We promote the highest academic standards in our teaching, scholarship, public service and the connections we build among them. We devote all our resources and energies to creating the most supportive and productive community possible to serve the citizens of Illinois and beyond.

Adopted by Academic Senate, May 7, 2008.

University Offices

University Operator. (309) Academic Advisement. Admissions. Dean of Students Disability Concerns - Voice TTY	438-2111 438-7604;ucollege.IllinoisState.edu/advising 438-2181;IllinoisState.edu/Admissions 438-2008; www.DeanOfStudents.ilstu.edu 438-5853; www.disabilityconcerns.ilstu.edu 438-8620
Office of Equal Opportunity, Ethics and Access	438-3383; www.EqualOpportunity.ilstu.edu
Financial Aid	438-2231; IllinoisState.edu/FinancialAid
Graduate School	438-2583; www.Grad.ilstu.edu
Honors Program	438-2559; IllinoisState.edu/honors
International Studies	438-5365; International studies. Illinois State.edu
Office of Parking and Transportation	438-8391; www.Parking.ilstu.edu
Parent Services	438-3753; www.DeanofStudents.ilstu.edu
Student Affairs	438-5451; www.StudentAffairs.ilstu.edu
Registrar Service Center	438-2188; www.Registrar.ilstu.edu
University College	438-3217; ucollege.IllinoiSstate.edu
University Housing Services	438-8611; www.Housing.ilstu.edu
University Registrar	438-2188; www.Registrar.ilstu.edu
Veterans Services	438-2207; Veterens.IllinoisState.edu

Visit our Illinois State University Web site at: Illinois State.edu

The statements in this catalog supplement are for informational purposes only and should not be construed as the basis of a contract between a student and Illinois State University. The course offerings and requirements of the University are continually under review and revision. This catalog supplement presents those in effect at the time of publication. Courses listed in this publication are subject to revision without advance notice and are not necessarily offered each term or each year.

Information regarding changes will be available in the Offices of the University Registrar, the Provost, and the major departments and schools. It is especially important that each student note that it is his or her responsibility to be aware of current graduation requirements for a particular degree program.

OFFICE OF EQUAL OPPORTUNITY, ETHICS AND ACCESS

Illinois State University fosters a campus environment that recognizes individual and cultural differences and is strongly committed to the ethical and legal principle that each faculty member of the University community enjoys academic freedom and all members of the University have a constitutional right to free speech. The right of free expression and the open exchange of ideas and views are essential, especially in a learning environment. Illinois State University vigorously upholds these freedoms. However, the value of free expression may be undermined by certain acts of harassment or discrimination. Such harassment or discrimination may result in the loss of self-esteem for the victim and the deterioration of a quality classroom, social, or work environment. Therefore any act of harassment or discrimination will not be tolerated.

Harassment or discrimination based upon race, ethnicity, national origin, color, religion, gender, gender identity and expression, age, disability, sexual orientation, or veteran status is in violation of the law and this policy and will not be tolerated.

Retaliation against any person alleging harassment, discrimination, or exercising their legal right to have their allegation investigated (either internally or externally) is prohibited both by law and this policy.

As members of the Illinois State University community, students, faculty, administrators and staff have the responsibility to respect and not violate the rights of others and to show tolerance for opinions that differ from their own. However, nothing in this policy prohibits appropriate admonition, argument and correction by an instructor in the conduct of his/her professional responsibility in the interest of maintaining order, upholding standards, stimulating thought or promoting competence. Such action is, by definition, not a violation of this policy. Likewise, nothing in this policy precludes management's inherent authority to plan, direct and evaluate the activities of other organizational members in accordance with sound management principles and directives, including communicating, training and disciplining employees.

All students, faculty and staff are expected to adhere to this policy and will be held accountable for violating it. Illinois State University will respond promptly to all complaints of harassment, discrimination, and retaliation. Violation of this policy can result in serious disciplinary action up to and including expulsion for students or discharge for employees.

Definitions:

Discrimination: an action or behavior that results in negative or different treatment of an individual based upon race, ethnicity, national origin, color, religion, gender, gen-

der identity and expression, age, disability, sexual orientation, or veteran status.

Harassment: an unwelcome conduct that is based upon race, ethnicity, national origin, color, religion, gender, gender identity and expression, age, disability, sexual orientation, or veteran status.

Sexual Harassment: any unwelcome behavior of a sexual nature which may be physical, verbal, or non-verbal. Sexual harassment includes unwelcome sexual advances, requests for sexual favors, or other behavior of a sexual nature and becomes a violation of University policy when:

- The offensive conduct explicitly or implicitly becomes a term or condition of employment or participation in a university course, program or activity; or
- The conduct is sufficiently severe, pervasive, or persistent as to interfere with an individual's work, academic or program participation, or creates an environment that a reasonable person would consider intimidating, hostile or offensive.

Retaliation: occurs when an adverse action is taken against an individual because s/he engaged in a protected activity such as filing a harassment/discrimination complaint or participating in an investigation of a harassment/discrimination investigation.

Statute of Limitations:

To be actionable, a complaint must be filed with the Office of Equal Opportunity, Ethics, and Access within 180 days of the most recent incident of alleged harassment or discrimination.

Confidentiality:

While confidentiality cannot be guaranteed, persons involved in a discrimination, harassment, or sexual harassment complaint are expected to treat all information as confidential unless disclosure of the information is compelled by law.

Contact Information:

For more information regarding this policy or to file a formal complaint please contact:

The Office of Equal Opportunity, Ethics, and Access Illinois State University
208 Hovey Hall – Campus Box 1280
Normal, IL 61790

Phone: (309) 438-3383

Website: www.EqualOpportunity.ilstu.edu

NOTIFICATION OF RIGHTS UNDER FERPA AND PUBLIC NOTIFICATION OF DIRECTORY INFORMATION

Notification of Rights Under FERPA for Postsecondary Institutions:

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

(1) The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.

A student should submit to the University Registrar a written request that identifies the record(s) the student wishes to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

(2) The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.

If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

(3) The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

The University discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted as its agent to provide a service instead of using University employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a

disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the University.

Upon request, the University also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office U.S. Department of Education 400 Maryland Avenue, SW Washington, DC 20202-5901

Public Notification of Directory Information:

At its discretion, Illinois State University may provide "directory information" in accordance with the provisions of the Family Educational Rights and Privacy Act of 1974 (FERPA). Directory information is defined as that information which would not generally be considered harmful or an invasion of privacy if disclosed. Designated directory information at Illinois State University includes the following: student's name, address (local & home), telephone listing (local and home), electronic email address, date and place of birth, major field of study, dates of attendance, grade level, enrollment status (e.g. undergraduate or graduate, fulltime or part-time), participation in officially recognized activities or sports, weight or height of members of athletic teams, target graduation date, degrees, honors and awards received, and the most recent educational agency or institution attended. Students may block the public disclosure of directory information by notifying the Office of the University Registrar in writing prior to the first day of classes.

Please consider very carefully the consequences of a decision to withhold directory information. A non-disclosure block will call for Illinois State University not to release any of this "directory information;" thus, any future requests for such information from non-institutional persons or organizations will be refused.

Illinois State University will honor your request to withhold directory information but cannot assume responsibility to contact you for subsequent permission to release this information. Regardless of the effect upon you, Illinois State University assumes no liability as a result of honoring your instructions that such information be withheld.

Although the initial request may be filed at any time, requests for non-disclosure will be honored by the University until removed, in writing, by the student.

University Calendar, 2011-2012

2011 Summer Session

May 9	Opening of summer session.
May 30	Memorial Day holiday.

June 10 Last day for undergraduate students to apply and pay fee for graduation in August.

July 4 Independence Day holiday - no classes.

August 5 Summer session ends.

August 9 Grades due by 12:00 noon.

2011 Fall Semester

Aug. 15-21 Registration and program change. Please see registration information at www.registrar.ilstu.edu.

- Aug. 21 Last day to withdraw from classes with a full refund of tuition and fees.
- Aug. 22 Classes begin.
- Aug. 26 Last day for late registration.
- Sept. 2 Last day for program change.
- Sept. 5 Labor Day holiday.
- Sept. 9 Last day for undergraduate students to apply and pay fee for graduation in December.
- Oct. 14 Last day to withdraw or to remove credit/no-credit or audit option from a full semester class.
- Oct. 15 First half of semester ends.
- Oct. 17 Second half of semester begins.
- Nov. 11 Last day to withdraw from the University for Fall 2011.
- Nov. 19 Thanksgiving vacation begins at 12:00 noon.
- Nov. 28 Classes resume.
- Dec. 10 Last day of classes.
- Dec. 12-16 Evaluation and review period.
- Dec. 16 Fall semester ends.
- Dec. 17 Commencement.
- Dec. 20 Grades due by 12:00 noon.

2012 Spring Semester

Jan. 9-16	Registration and	d program change.	Please see registration information

at www.registrar.ilstu.edu.

- Jan. 16 Last day to withdraw from classes with a full refund of tuition and fees.
- Jan. 16 Martin Luther King, Jr. holiday.
- Jan. 17 Classes begin.
- Jan. 23 Last day for late registration and course changes.
- Jan. 30 Last day for program change.
- Feb. 10 Last day for undergraduate students to apply and pay fee for graduation in May.
- Mar. 9 Last day to withdraw or drop the credit/no-credit or audit option from a full

semester class.

- Mar. 10 First half semester ends. Spring vacation begins at noon.
- Mar. 19 Classes resume.
- April 13 Last day to withdraw from the University for Spring 2012.
- May 5 Last day of classes.
- May 7-11 Evaluation and review period.
- May 11 Spring semester ends.
- May 11-12 Commencement.
- May 15 Grades due by 12:00 noon.

The University will accommodate, within reason, students whose religious obligation requires absence from class. Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

2012

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NEW AND REVISED COURSES

The following new and revised courses were approved during the 2010-2011 curriculum year and are listed by department or school. Course revisions are being implemented due to administrative requests and/or accreditation requirements. Catalog copy for revised courses replaces what is published in the 2010-2012 Undergraduate Catalog. For information on whether courses are being offered contact the department or school or visit: www.coursefinder.ilstu.edu/.

ANTHROPOLOGY (ANT) 464

280 CHEROKEE CULTURE TO 1830

3 sem. hrs.

Examination of Cherokee heritage using anthropological perspectives. Traces the development of Cherokee culture from its beginnings to the nineteenth century.

ART (ART) 562

352 RENDERING FOR INTERIOR DESIGNERS 3 sem. hrs.

Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations. Also offered as FCS 352. Prerequisites: FCS 242, 246 or consent of instructor.

BIOLOGICAL SCIENCES (BSC) 412

327 HORMONES AND BEHAVIOR 3 sem. hrs.

Exploration of relationships among hormones, brain, and behaviors associated with reproduction, aggression, stress, parenting, affiliation, homeostasis and development in animals. Prerequisites: BSC 283 or 286 or consent of instructor.

CHEMISTRY (CHE) 416

Several of the following courses were revised in conjunction with changes in the Major in Chemistry and Teacher Certification Sequence due to accreditation mandates. Please contact your department advisor for information on implementation of these changes.

215 ANALYTICAL CHEMISTRY

3 sem. hrs.

Introduction to analytical chemistry emphasizing quantitative measurements with classical, optical, chromatographic, mass spectrometric, and electrochemical techniques. Includes sampling and statistics. Formerly *FUNDAMENTALS OF ANALYTICAL CHEMISTRY*. Prerequisites: CHE 141 and 220 or 230; grade of C or better in CHE 141 and 230 is required for CHE majors.

216 ANALYTICAL CHEMISTRY LABORATORY

Laboratory practice of the principles treated in Analytical Chemistry. Materials charge optional. Prerequisite: CHE 215 or concurrent registration.

250 FUNDAMENTALS OF INORGANIC CHEMISTRY

3 sem. hrs.

Survey of modern inorganic chemistry including structure of inorganic compounds, coordination chemistry, nonaqueous solvents and selected descriptive chemistry. Formerly *DESCRIPTIVE INORGANIC CHEMISTRY*. Prerequisite: Grade of C or better in CHE 220 or C or better in CHE 230.

251 FUNDAMENTALS OF INORGANIC CHEMISTRY LABORATORY

1 sem. hr.

Fundamental experiments in inorganic chemistry, including methods of characterizing inorganic compounds. Specific experiments and techniques will vary. Materials charge optional. Prerequisite: CHE 250 or concurrent registration.

315 INSTRUMENTAL ANALYSIS

3 sem. hrs.

Modern instrumental methods of chemical analysis including electroanalytical, spectroscopic, chromatographic, mass spectrometric, surface analytical, and bioanalytical methods. Prerequisites: CHE 215 and 360. Grade of C or better in CHE 215 and 360 required for CHE majors.

316 INSTRUMENTAL ANALYSIS LABORATORY 1 sem. hr.

Laboratory practice of the principles treated in Instrumental Analysis. Materials charge optional. Prerequisites: CHE 216 and 315 or concurrent registration. Grade of C or better in CHE 216 for CHE majors.

350 ADVANCED INORGANIC CHEMISTRY 3 sem. hrs.

Advanced inorganic chemistry including modern bonding theories, spectroscopy, structures and reactivity of coordination, main-group and transition-metal compounds; selected special topics. Formerly *INORGANIC CHEMISTRY*. Prerequisite: Grade of C or better in CHE 250 and 360.

351 ADVANCED INORGANIC CHEMISTRY LABORATORY

1 sem. hr.

Advanced experiences in modern synthesis and quantitative characterization of inorganic compounds and materials. Specific experiments and techniques will vary. Materials charge optional. Formerly *INORGANIC CHEMISTRY LABORATORY*. Prerequisite: CHE 350 or concurrent registration.

360 PHYSICAL CHEMISTRY I

3 sem. hrs.

Physical chemistry topics including descriptions of gases, liquids, solutions, thermochemistry, thermodynamics, chemical and phase equilibrium, kinetic theory, and chemical kinetics. Prerequisites: CHE 141; grade of C or better in CHE 141 is required for CHE majors; PHY 109 or 111; 8 hours of CHE or PHY courses numbered 200 or higher; MAT 146.

COMMUNICATION (COM)

373 INTERNAL PUBLIC RELATIONS

3 sem. hrs.

Principles and practices for communicating with organizations' internal audiences. Investigation includes nonprofit, profit, government and nongovernment organizations. Prerequisite: COM 111 required; COM 229 strongly recommended.

374 NEWS LITERACY: CRITICAL PERSPECTIVES

3 sem. hrs.

Course examines news literacy links with critical theory and the ways news relates to communication and journalism theory. Prerequisite: COM 111.

COMMUNICATION SCIENCES AND DISORDERS (CSD) 472

380 PROFESSIONAL WRITING IN COMMUNICATION SCIENCES AND DISORDERS

3 sem. hrs.

Review of clinical writing with a focus on professional writing of goals and objectives, diagnostic reports, and technical papers. Prerequisite: Junior standing or above.

ENGLISH (ENG) 424

385 LIFE WRITING/NARRATIVE IN THEORY AND PRACTICE

3 sem. hrs.

Theoretical and practical consideration of interdisciplinary field of life writing/narrative. Textual production and reception, representation, rhetoric, memory, narrative, genre. Formerly ENG 389.26. Prerequisites: ENG 246 or 247 or equivalent and a grade of C or better in ENG 100. Junior/senior or graduate standing or consent of instructor.

FAMILY AND CONSUMER SCIENCES (FCS) 506

Several of the following courses were revised in conjunction with changes in the Interior and Environmental Design Sequence due to accreditation mandates. Please contact your department advisor for information on implementation of these changes.

198 PROFESSIONAL PRACTICE

1-6 sem. hrs.

Exploration of entry-level career opportunities. Observation of professional skills and competencies of practicing home economists. CR/NC only. May be repeated; maximum 6 hours. Prerequisites: Approved application required. Major only. 2.00 GPA; 27 hours completed.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES OC-SMT 3 sem. hrs.

Exploration and analysis of current health issues. Emphasis on how individuals, communities, and society make health decisions. Also offered as HSC/KNR 208. Prerequisite: COM 110 or ENG 101 completed.

218 INTERIOR CONSTRUCTION AND BUILDING SYSTEMS

3 sem. hrs.

448

Evaluation of building infrastructure, including heating/cooling systems, electrical and plumbing conventions, and interior construction, as related to the design process. Field trips. Materials charge optional. Prerequisite: FCS 242.

246 VISUAL COMMUNICATION FOR INTERIOR DESIGN

2 sem. hrs.

Presentation techniques using various materials/methods for communication of interior design solutions. Emphasis on volumetric space and building enclosure. Lecture and lab. Prerequisites: Grade of C or better in FCS 104 and 242. Major/minor only or consent of instructor.

334 PERSPECTIVES ON SUSTAINABILITY IN APPAREL AND INTERIOR DESIGN

3 sem. hrs.

Understanding the environmental impact of apparel and interior product design and production processes; alternative solutions for sustainable design and merchandising decisions. Prerequisite: FCS 225 or consent of instructor.

340 INTERIOR DESIGN I: STUDIO

4 sem. hrs.

Design principles applied to residential space. Students examine the ways in which rooms are affected by various design elements. Lecture and lab. Materials charge optional. Prerequisites: Grade of C or better in FCS 104 and 242. FCS 246 or concurrent registration. FCS 225 and TEC 117 or concurrent registration recommended. Major/minor only or consent of instructor.

352 RENDERING FOR INTERIOR DESIGNERS 3 sem. hrs.

Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations. Also offered as ART 352. Prerequisites: FCS 242, 246 or consent of instructor.

363 BEREAVEMENT, GRIEF AND LOSS 3 sem. hrs.

Examination of concepts and relevant issues of bereavement, grief and loss. Prerequisites: FCS 250 and 310 or 364, or consent of instructor.

376 INTERIOR DESIGN IV: STUDIO

4 sem. hrs.

Culmination of design process in a self-guided interior design project in student's area of concentration. Materials charge optional. Prerequisites: FCS 375. Major/minor only or consent of instructor.

FINANCE, INSURANCE AND LAW (FIL) 548

346 FIXED INCOME ANALYSIS AND PORTFOLIO MANAGEMENT

3 sem. hrs.

Analysis of fixed income securities, derivatives, and portfolio management strategies. Prerequisites: FIL 241 and 242.

HEALTH SCIENCES (HSC) 522

173 ASPECTS OF PROFESSIONAL SAFETY 3 sem. hrs.

Philosophical perspectives of effective and ethical Safety practices. Comparison of major concepts related to professional communication, leadership, and ethics.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES OC-SMT 3 sem brs.

Exploration and analysis of current health issues. Emphasis on how individuals, communities, and society make health decisions. Also offered as FCS/KNR 208. Prerequisite: COM 110 or ENG 101 completed.

HISTORY (HIS)

226 EIGHTEENTH-CENTURY EUROPE

3 sem. hrs.

A survey of 18th century Europe focusing on political, social, economic, and intellectual developments and the age of revolutions. Prerequisite: HIS 102 or consent of instructor.

284 THE ATLANTIC WORLD, 1450-1888 3 sem. hrs.

A survey of the encounters of Africans, Europeans, and Native Americans from the Iberian explorations through the abolition of slavery. Prerequisite: HIS 102 or 135 or consent of instructor.

INFORMATION TECHNOLOGY (IT) 515

381 NETWORK DESIGN AND ANALYSIS 3 sem. hrs.

Analyze user internetworking requirements; design and implement a network infrastructure that can meet the user requirements. Prerequisites: Grade of C or better in IT 373 and 377 or consent of graduate advisor.

INTERDISCIPLINARY STUDIES (IDS)

604

442

108 UNIVERSITY SUCCESS SKILLS 2 sem. hrs.

Intensive academic skills for first-year college students, with a focus on making a successful transition to the college classroom and expectations. Formerly IDS 189.12.

KINESIOLOGY AND RECREATION (KNR) 512

Several of the following courses were added or revised in conjunction with changes in the Therapeutic Recreation Management Sequence and the Minor in Recreation and Park Administration due to accreditation mandates. Please contact your department advisor for information on these changes.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES

3 sem. hrs. OC-SMT

Exploration and analysis of current health issues. Emphasis on how individuals, communities, and society make health decisions. Also offered as FCS/HSC 208. Prerequisite: COM 110 or ENG 101 completed.

253 TECHNIQUES IN THERAPEUTIC RECREATION

3 sem. hrs.

Theory and application of facilitation techniques and interventions used in therapeutic recreation services. Lecture and lab. Formerly KNR 373 *TECHNIQUES IN THERAPEUTIC RECREATION*. Prerequisites: Majors only; KNR 273.

273 INTRODUCTION TO THERAPEUTIC RECREATION

3 sem. hrs.

Foundation concepts of therapeutic recreation including history, philosophy, models, professional issues, and basic program delivery. Prerequisites: Major only; KNR 270 or concurrent registration.

278 THERAPEUTIC RECREATION SERVICE DELIVERY

3 sem. hrs.

Design of comprehensive and specific intervention programs used in the delivery of therapeutic recreation services. Prerequisite: Major only; KNR 253 and 279.

279 THERAPEUTIC RECREATION CLIENT DOCUMENTATION

3 sem. hrs.

Focus on systematic and accountable client documentation (assessment, treatment plans, progress notes, discharge/referral summaries) for therapeutic recreation intervention programs. Prerequisites: Major only; KNR 270 and 273.

351 TOURISM AND SPECIAL EVENTS

3 sem. hrs.

Analysis of concepts and issues in tourism and special events. Prerequisites: Major/minor only; KNR 298.30 or RPA Minor.

354 CONTEMPORARY ISSUES IN THE SPORT INDUSTRY

3 sem. hrs.

Investigation of topics and issues impacting the various segments of the sport industry. Prerequisites: Major/minor only; KNR 298.30 or RPA Minor.

KNR

365 ADVANCED THERAPEUTIC RECREATION PRACTICES

3 sem. hrs.

In-depth analysis of disabilities and impact on therapeutic recreation intervention. Prerequisites: Major only; KNR 253 and 279

398.36 PROFESSIONAL PRACTICE SEMINAR

Develop an understanding of professionalism and prepare for selecting and acquiring the senior internship in parks and recreation or therapeutic recreation. Prerequisites: Major only; KNR 298.30. Senior standing.

POLITICS AND GOVERNMENT (POL) 460

100 INTRODUCTION TO POLITICS

3 sem. hrs.

Introduction to the concepts, terms, theories, and methods used in the discipline of political science. Prerequisite: Major/minor only.

241 EUROPEAN POLITICS

3 sem. hrs.

Comparative analysis of political systems and policies of European countries and the European Union. Prerequisite: Completion of 45 hours or consent of instructor.

296 POLITICAL SCIENCE PROFESSIONAL DEVELOPMENT

1 sem. hr.

Preparation for internship and post-collegiate experience that includes resume building, interview skills, and graduate school direction. Prerequisites: Completion of 60 credit hours; Majors only.

357 THE POLITICS OF MICROFINANCE

3 sem. hrs.

Explores microfinance and its sociopolitical effect on gender empowerment and outreach to various ethnicities in need of economically sustainable support. Prerequisites: POL 140 or 141 and POL 150 or 151 or consent of instructor.

SPECIAL EDUCATION (SED) 591

363 ADVANCED BRAILLE AND THE NEMETH BRAILLE CODE

3 sem. hrs.

Preparation in Nemeth braille and other braille codes, the Abacus, and preparation of materials for students with visual impairments. Prerequisites: Admission to Professional Studies and SED 352. SED 352 must be completed the semester preceding SED 363.

364 ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH VISUAL IMPAIRMENTS

3 sem. hrs.

Preparation in the instruction and assessment of assistive technology used by individuals with visual impairments. Not for credit if had SED 356. Prerequisites: SED 350; Concurrent registration with SED 352.

365 ADVANCED ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH VISUAL IMPAIRMENTS

3 sem. hrs.

Advanced features of recently developed technologies used by persons who are visually impaired. Emphasis on advanced instructional applications. Prerequisites: Admission to Professional Studies and SED 364.

367 LOW VISION AND PSYCHOLOGICAL IMPLICATIONS OF VISUAL IMPAIRMENTS

2 sem. hrs.

Introduction to low vision, the implications and attitudes associated with visual impairments and blindness, and strategies for teachers. Prerequisites: Admission to Professional Studies.

369 TECHNOLOGY FOR YOUNG CHILDREN WITH DISABILITIES

3 sem. hrs.

Overview of instructional and assistive technology, including Universal Design principles, for children birth to age 8 at risk of/with disabilities. Not for credit if had SED 379. Materials charge optional. Prerequisite: SED 101 or equivalent or consent of the SED Department Chair.

PROGRAM REVISIONS

The following programs were revised due to accreditation mandates. Please contact your department advisor to determine whether you fall under the revised program requirements and course prerequisites in place of what is stated in the 2010-2012 Undergraduate Catalog.

CHEMISTRY (CHE)

416

MAJOR IN CHEMISTRY

- 45 hours required in Chemistry, including at least 37 hours in courses numbered 200 or higher.
- 32 hours of required core courses: CHE 140, 141, 215, 216, 230, 231, 232, 233, 250, 251, 315, 342, 360, 361.
- 9 hours in advanced courses required, selected from the following: CHE 315, 344, 350, 362.
- 4 advanced laboratory courses required: CHE 316, 343, 351, 363. One hour of undergraduate research (CHE 290 or 299) or coop/internship (CHE 398.01 or 390.50) may substitute for one of these courses.
- 1 year of physics, preferably PHY 110 and 111, and 1 year of calculus (through MAT 146) must be completed prior to enrolling in CHE 360.
- Chemistry electives: The department strongly recommends that students take at least 6 hours of advanced electives in chemistry. Advising options for various career objectives are available from the department office and on the department web page.
- A course in the major may not be taken more than twice unless the course description states "may be repeated." An exception may be requested once during a student's undergraduate career if the GPA in the major plan and the overall GPA is 2.00 or higher.
- A grade of C or better is required in all the following Chemistry courses: CHE 140, 141, 215, 216, 230, 231, 232, 250, 251, 342, 360, 361.
- Students completing this degree program will earn an American Chemical Society Certified Degree

Teacher Certification Sequence:

- 49 hours required in Chemistry, including at least 39 hours in courses numbered 200 or higher. A Teacher Education student must complete the option described as part of the entitlement program leading to certification: secondary 6-12.
- 32 hours of core Chemistry courses required: CHE 140, 141, 215, 216, 230, 231, 232, 233, 250, 251, 342, 360, 361.
- 9 hours of Chemistry teacher education courses required: CHE 161, 301 (3 hours), 302.
- 6 hours of advanced courses required, selected from the following: CHE 315, 344, 350, 362.
- 2 advanced laboratory courses required, selected from the following: CHE 316, 343, 351, 363. One hour of undergraduate research (CHE 290 or 299) may substitute for one of these courses.

- 1 year of physics, preferably PHY 110 and 111, and 1 year of calculus (through MAT 146) must be completed prior to enrolling in CHE 360.
- Other required courses include: C&I 212, 214, 216;
 PSY 110, 215; STT 399.73 (8 hours); one of EAF 228,
 231, or 235; and the science competency courses (BSC 197; GEO 100; PHY 205; or equivalent).
- A course in the major may not be taken more than twice unless the course description states "may be repeated." An exception may be requested once during a student's undergraduate career if the GPA in the major plan and overall GPA is 2.00 or higher.
- A grade of C or better is required in the following Chemistry courses: CHE 140, 141, 215, 216, 230, 231, 232, 250, 251, 342, 360, 361.
- The following course is strongly recommended: SED 101
- Students successfully completing this sequence will earn an American Chemical Society Certified Degree.

Catalog note: See new and revised courses approved in conjunction with the program revisions.

FAMILY AND CONSUMER SCIENCES (FCS) 506

Interior and Environmental Design Sequence:

The Interior and Environmental Design Sequence prepares students for careers in residential design, contract design, space planning, store design, restaurant design, kitchen and bath design, historic preservation and design for special populations.

The undergraduate Interior and Environmental Design (IED) program at Illinois State University is currently accredited by the Council for Interior Design Accreditation.

- 67 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 56-hour sequence: FCS 104, 218, 225, 242, 246, 338, 340, 345, 346, 347, 348, 352, 370, 375, 376, 398 (3 hours); TEC 117, 217; one of the following: ART 155, 156, 257, 372 or 373; .
- Possible minors based on individual interests:
 Technology, Art or Business.
- Recommended electives: FCS 393.38; TEC 317, 322.
- To be licensed in the State of Illinois, students must have a minimum of 2 years professional work experience and pass the National Council for Interior Design Qualification (NCIDQ) Examination. Passage of this exam also qualifies the individual professional membership in interior design organizations such as American Society of Interior Designers (ASID) and International Interior Design Association (IIDA).

KINESIOLOGY AND RECREATION (KNR) 512

MAJOR IN RECREATION AND PARK ADMINISTRATION

Therapeutic Recreation Sequence:

- 70 total hours required.
- 40 hours in core courses: KNR 170, 171, 270, 271, 275, 298.30, 298.36, 370, 376, 380, 398.30, 398.36.
- 15 hours in sequence courses: KNR 253, 273, 278, 279, 365.
- 15 hours in interdisciplinary courses: HSC 105; KNR 181 or BSC 181; PSY 213, 350; 3 hours selected from approved health and human services and/or disability related courses.

Certification Opportunity:

Students graduating from the Therapeutic Recreation Sequence who have met all the National Council for Therapeutic Recreation Certification (NCTRC) requirements (major and recommended courses including an approved internship) should be eligible to apply to sit for the examination to become a Certified Therapeutic Recreation Specialist. Certification requirements are subject to change so students are strongly advised to obtain the latest certification requirements from NCTRC.

MINOR IN RECREATION AND PARK ADMINISTRATION

- 24 hours required.
- Required courses: KNR 170, 171, 270, 271, 370, 376, 380.
- 3 hours of courses selected from: KNR 253, 273, 275, 278, 279, 351, 354, 371, 374, 377, 382.

Catalog note: See new and revised courses approved in conjunction with these program revisions.

EDITORIAL CORRECTIONS TO THE 2010-2012 UNDERGRADUATE CATALOG

The following information is being provided to make students, faculty, and advisors aware of errors in the 2010-2012 Undergraduate Catalog including changes omitted when the catalog was published. The following catalog copy should be used in place of what is shown in the published 2010-2012 Undergraduate Catalog for the following program and courses..

BIOLOGICAL SCIENCES (BSC) 412

Organismal Biology and Public Outreach Sequence:

Majors selecting this sequence seek broad organismal expertise and experience in public outreach for science education. This sequence is designed for students seeking educational jobs and careers in arboreta, botanical gardens, environmental and nature centers, museums, and zoos. The minimum requirements for this sequence are:

- 39 total hours in Biological Sciences required.
- Required core courses: BSC 196*, 197*, 201*, 204, 219, and 297.
- Additional core courses required: Choose one of the following: BSC 203, 212*, 260* or 283*.
- 14 hours minimum in organismal courses required, at least two of which must be laboratory courses (*): BSC 211*, 212*, 223*, 283*, 286*, 290, 292*, 294, 295*, 296, 301*, 311*, 325, 330*, 333*, 335/336*, 337*, 375/376, 378/379*, 396*.
- Obtain a minimum of 120 hours of direct experience in public outreach (2 credit hours of Professional Practice, BSC 398.02).
- Students must complete six BSC courses with laboratories (*).
- Students must receive a C or better in BSC core courses (196, 197, 201, 204, 219, 297, and chosen option).
- Students must pass one BSC course of at least 3 credit hours at the 300-level. BSC 398 does not fulfill this requirement.
- Required non-core courses: CHE 220 or 230 and 231;
 PHY 105, 108, or 110; MAT 120 and 121, or MAT 145 and 146. NOTE: Either ECO 138, GEO 138, POL 138, or PSY 138 may substitute for MAT 146.
- BSC 202, 307, and Biological Sciences courses below 195 may not be used in the major.
- A minimum of 12 hours in Biological Sciences courses must be completed at Illinois State University.

Biological Sciences Courses

286 ANIMAL BEHAVIOR

4 sem. hrs.

Mechanisms and adaptive significance of behavior. Emphasis is placed on understanding animal behavior in an evolutionary context. Lecture and lab. Prerequisites: BSC 196 and 197.

293 INTRODUCTION TO UNDERGRADUATE RESEARCH

2 sem. hrs.

Preparation for research in the biological sciences. Prerequisites: Completion of BSC 204 and one of the following: BSC 201, 203, 212, 219, 260, or 283; minimum 3.00 GPA; and consent of coordinator.

297 BIOLOGICAL EVOLUTION

2 sem. hrs.

Origin of life, molecular evolution, mechanisms of evolutionary change, natural selection, speciation, and contemporary issues in evolutionary biology. Not for credit if had BSC 390. Prerequisites: BSC 219 and junior or senior standing.

303 SENIOR THESIS

1 sem. hr.

Preparation of a thesis based upon original research in the biological sciences. Prerequisites: BSC 204, 219, two of (BSC 201, 203, 212, 260, or 283), 293, and minimum 3 credit hours of BSC 290 or 299; a minimum 3.00 GPA and consent of Undergraduate Research Coordinator and faculty thesis advisor.

325 ECOLOGICAL PHYSIOLOGY OF ANIMALS 3 sem. hrs.

Exploration of the physiological adaptations animals have evolved in response to habitat variation. Formerly BSC 389.43. Prerequisite: BSC 201.

330 PHYCOLOGY

4 sem. hrs.

Origin, evolution, diversity, systematics, cell biology, biochemistry, physiology, and ecology of terrestrial, freshwater, and marine algae. Lecture and lab. Formerly BSC 389.29. Prerequisite: One of BSC 201, 203, 212, 260, or 219.

333 PLANT DIVERSITY

4 sem. hrs.

History and diversity of plants and other green organisms covering major events, groups of organisms, and their phylogenetic relationships. Formerly BSC 222. Prerequisite: One of BSC 211, 212, 223, or graduate standing.

335 PLANT TAXONOMY

3 sem. hrs.

Classification, taxonomy, and phylogeny of seed plants; distinguishing characteristics of major groups; use of botanical nomenclature and reference materials. Prerequisites: One of BSC 211, 212, 223; concurrent registration in BSC 336.

365 BIOENERGY PLANT/MICROBE BIOLOGY AND THE ENVIRONMENT

3 sem. hrs.

The molecular, cellular, and organismal biology of microbes and plants as a source of alternative energy and associated global change. Prerequisite: One of BSC 201, 203, 212, 219, 260, or consent of instructor.

BSC

396 AVIAN BIOLOGY

4 sem. hrs.

Origin, evolution, diversity, systematics, biogeography, morphology, physiology, ecology, behavior, and conservation biology of birds. Lecture, lab, and field trips. Materials charge optional. Prerequisites: BSC 196 and 197.

HEALTH SCIENCES (HSC) 522

387 PROGRAMS IN SCHOOL HEALTH 3 sem. hrs.

Comprehensive school health education with major topics of health education, school health programs, and school community collaboration. Prerequisites: HSC 290 and 292.

ENGLISH (ENG) 424

267 FOUNDATIONS OF U.S. LATINO/A LITERATURES AND CULTURES

3 sem. hrs.

Concepts, themes, genre conventions, and major historical events and figures significant in U.S. Latino/a literatures and cultures. Prerequisites: ENG 100 with a grade C or better, ENG 102; or SOC 109; or consent of instructor.

POLITICS AND GOVERNMENT (POL) 460

POL 216 was incorrectly listed in the 2010-2012 Undergraduate Catalog under Politics and Government Courses as The Politics of Legal Decision Making. POL 216 is a Legal Studies course as follows:

216 INTRODUCTION TO TORTS

3 sem. hrs.

An introduction to the fundamental concepts of tort law. Topics include intentional and unintentional wrongs, varieties of liability, and courses of action. Not for credit POL major/minor.

ADDITIONAL DEGREE REQUIREMENTS

The following lists have been updated and replace those published in the 2010-2012 Undergraduate Catalog.

GLOBAL STUDIES GRADUATION REQUIREMENT

Students must have completed at least one course in Global Studies (that is, cultures and traditions of Asia, the Middle East, Africa, Latin America, or Indigenous Peoples of the World), which must meet the following criteria: (a) the course focuses primarily upon facets of specific cultures from these regions or these cultures in general (a minimum of 75% of the course content must deal directly with the culture(s) from these regions); (b) exploration of the culture(s) is developed in a comparative perspective which helps the student understand and appreciate differences between the culture(s) under consideration and cultures and traditions of America; and (c) the course includes exposure to primary writings and artifacts from the culture(s).

The courses on the following list meet the graduation requirement for **Global Studies**.

ANT 185 Cultures of the World*

ANT 270 Cross Cultural Perspective of Women, Sex

Roles, and Gender

ANT 384 North American Archaeology

ART 140 Introduction to the Arts of the

Americas, Africa, and the South Pacific

ART 275 World Arts: Visual Arts*

CJS 369 World Criminal Justice Systems

ENG/LAN 206 Cultural Expressions in Social Contexts: Women

of Asia, Latin America and Africa*

GEO 135 World Geography*

GEO 140 Human Geography

GEO 235 Geography of Emerging Areas*

HIS 104 History of Asia, Middle East, Africa,

Latin America, or Indigenous Peoples*

HIS 263 Modern Mexico

HIS 265 African Civilization

HIS 266 Modern Africa

HIS 275 History of Japanese Civilization

IDS 203 Nations and Narrations*

LAN 244.15 Cultura Hispanoamericana

LAN 314.12 Studies in Contemporary Francophone Culture

MUS 153 Black Music I*

MUS 154 Black Music II*

MUS 275 World Arts: Music*

PHI 207 Indian Philosophy

PHI 208 Buddhist Philosophy

POL 140 Introduction to the Politics of Africa, Asia, and

Latin America*

POL 151 Introduction to International Relations

POL 240 Latin American Politics

POL 245 Asian Politics

POL 246 African Politics

POL 247 Middle Eastern Politics

POL 345 Topics in Asian Politics

POL 349 Topics in Middle East Politics

SOC 220 Global Social Change

SOC 320 Global Development and Economic Change

THE 275.01 World Arts: Theatre*
THE 275.02 World Arts: Film*

*Global Studies courses approved for Outer Core.

BACHELOR OF SCIENCE GRADUATION REQUIREMENTS IN SCIENCE, MATHEMATICS AND TECHNOLOGY

Students with a B.S. or B.S.W. degree must have one additional science, mathematics, statistics, and/or technology course (beyond the General Education requirements) which must meet three criteria: (a) courses must be three semester hours or greater; (b) courses must list specific prerequisites from inner core courses in mathematics and/or science, approved natural science alternative courses, or middle core courses in the quantitative reasoning category; and (c) course content must be mathematical, scientific, and/or technological, and must constitute a significant extension of the inner or middle core courses that count as prerequisites.

The courses on the following list meet the graduation requirement for **Science**, **Mathematics and Technology**.

AGR 157 Soil Science

AGR 203 Agriculture and the Environment

AGR 271 Foods of Animal Origin

AGR 282 Physiology of Farm Animals

AGR 315 Financial Management and Analysis of

the Agribusiness Firm

AGR 363 Agricultural Statistics

BSC 145 Human Biology

BSC 160 Microbiology and Society

BSC 170 Genetics and Society

BSC 201 Ecology

BSC 202 Human Ecology

BSC 211 Economic Botany

BSC 219 Genetics

BSC 222 Plant Diversity

BSC 223 Ecology and Identification of Plants

BSC 292 Invertebrate Zoology

BSC 295 Comparative Vertebrate Anatomy

CHE 141 General Chemistry II

CHE 204 Chemistry of Life

CHE 220 Elementary Organic Chemistry

CHE 230/231 Organic Chemistry I

- CHE 280 Environmental Chemistry
- ECO 138 Economic Reasoning Using Statistics
- ECO 238 Using Regression and Econometric Methods
- FIL 240 Business Finance
- GEO 138 Quantitative Reasoning in the Geosciences
- GEO 202 Evolution of the Earth
- GEO 207 Natural Disasters
- GEO 211 Earth's Dynamic Weather
- GEO 280 Mineralogy
- HSC 201 Pathophysiology I
- IT 115 Reasoning About Complex Systems
- IT 165 Computer Programming for Scientists
- KNR 282 Biomechanics of Human Movement
- MAT 121 Applied Calculus
- MAT 146 Calculus II
- MAT 147 Calculus III
- MAT 160 Elementary Discrete Mathematics
- MAT 175 Elementary Linear Algebra
- MQM 100 Statistical Reasoning
- MQM 227 Operations Management
- PHI 112 Language, Logic, and Mathematics
- PHY 109 College Physics II
- PHY 111 Physics for Science and Engineering II
- PHY 117 Numerical Reasoning in Nature and Technology
- PHY 205 Origin of the Universe
- PHY 206 Chaos and Complexity
- PHY 207 Energy and Society
- POL 138 Quantitative Reasoning in Political Science
- PSY138 Reasoning in Psychology Using Statistics
- PSY 340 Statistics for the Social Sciences
- SOC 275 Social Statistics
- TEC 111 Fundamentals of Power Technology
- TEC 143 Introduction to Electronics For Data
 - Communication
- TEC 313 Quality Systems for Technology





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IllinoisState.edu/catalog

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