## Academic Notes

# *SPECIAL NOTICES* 

FACULTY ATTENDANCE FORM FOR FALL COMMENCEMENT

Attached to the back of this issue is a Faculty Attendance Form concerning Fall Commencement. All faculty members need to fill out this form and make sure that it is delivered to:

## OFFICE OF THE PROVOST AND VICE PRESIDENT <br> FOR ACADEMIC AFFAIRS <br> PARSONS HALL, ROOM 208

by the end of the business on Friday, December 3, 2001.

## ACADEMIC APPAREL RENTAL FORM

Faculty members needing to rent academic apparel for Fall 2001 Commencement, need to fill out the Academic Apparel Rental Form attached to the back of this issue and send it to:

> KARI HIATT
> ISU BOOKSTORE

Rental forms received after November 9, 2001 will automatically be charged a late fee of $\$ 5.00$.

## THEODORE DREISER DISTINGUISHED RESEARCH/ CREATIVITY AWARDS

The Theodore Dreiser Distinguished Research/Creativity Award recognizes work substantially completed at Indiana State University by regular, full-time members of he university faculty who have made outstanding contributions to their disciplines. Work completed to satisfy advanced degree requirements is not eligible for consideration. As many as two awards, consisting of a monetary award and a plaque, may be given each year. Faculty members who have previously received the award are ineligible for consideration for a four-year period. Faculty are encouraged to nominate eligible colleagues. Selfnominations will also be accepted. Nominations may be in letter or memo format and should be returned to the School of Graduate Studies, Erickson Hall, room 114, 812- 237-3111, D-

SPECIAL NOTICES: continued

## 2002 CALEB MILLS DISTINGUISHED TEACHING AWARDS

Nominations for the 2002 Caleb Mills Teaching Awards are now being solicited. A maximum of four awards will be presented during the spring commencement ceremony.

To be eligible for this award, the nominee must be a full-time tenured faculty member who is teaching a minimum of 16 semester hours or 24 contact hours at ISU during the preceding summer, fall, and spring semesters of the current academic year.

Full-time faculty, students, alumni, or administrators may submit nominations. Submissions must include a completed Nomination Form, and a statement on why you believe this nominee should be selected as one of ISU's best teachers, which includes specific examples and/or documents regarding the faculty member's qualities.

Faculty members are encouraged to nominate eligible colleagues. Nomination Forms, which are a $3 \times 5$ printed card, are available in the academic departments and the deans' offices. Additional nomination cards can be obtained in the Center for Teaching and Learning or by calling extension 8363.

The nomination deadline is Saturday, December 15, 2001. Nominations should be submitted to the Center for Teaching and Learning.

## 2002 FACULTY DISTINGUISHED SERVICE AWARDS

Nominations for the 2002 Faculty Distinguished Service Awards are now being solicited. A maximum of two awards will be presented during the spring commencement ceremony in May.

To be eligible for this award, the nominee must be a tenured faculty member who has demonstrated service while at Indiana State University in the form of: membership in faculty government at the college/school or University level; membership on committees within the University; service to student organizations; service to professional organizations; and service to community groups.

Full-time ISU faculty, students, alumni, administrators, and citizens of the Wabash Valley may submit nominations. Submissions must include a completed Nomination Form, a letter or statement on why you believe this nominee should be the recipient of a Faculty Distinguished Service Award and the names, addresses, and phone numbers of three to five individuals who can testify to the nominee's service.

Nomination Forms, which are a $3 \times 5$ printed card, are available in the academic department offices and the deans' offices. Additional nomination cards are available in the Center for Teaching and Learning or by calling extension 8363.

## The nomination deadline is Saturday, December 15, 2001.

SPECIAL NOTICES: continued

## HIGH SCHOOL SUMMER HONORS SEMINAR PROPOSALS DUE, NOVEMBER 26, 2001

In the event that there is an opportunity for new High School Summer Honors seminars, faculty members interested in teaching a two-week seminar in 2002 are encouraged to prepare and submit a proposal to the High School Summer Honors Program. The proposal should include as a minimum: proposed budget indicating departmental support and outside support required and departmental approval. Proposals should reach the Summer Honors Office, Erickson Hall room 120, by November 26, 2001.

## ACADEMIC NOTES PUBLICATION SCHEDULE FOR FALL 2001

Below is the circulation schedule for the hard copy of Academic Notes through December 17, 2001. An asterisk $(*)$ indicates a curricular issue. All submissions for inclusion in Academic Notes are due in the Office of Academic Affairs no later than 10:00 a.m. on the Wednesday prior to the distribution of Academic Notes on the following Monday, along with an E-Mail or a diskette with the same information in Microsoft Wordformat. Failure to submit a diskette containing this information will delay publication. An electronic version of Academic Notes is available using Acrobat Reader via the ISU Web Page at - http://web.indstate/edu/acadnotes/ - .

## Deadline for Items

November 28
December 5*
December 12

Issue Date

December 3
December 10*
December 17

## FACULTY GOVERNMENT

## FACULTY SENATE EXECUTIVE COMMITTEE

The Faculty Senate Executive Committee will meet at $3: 15$ p.m. on Tuesday, November 27, 2001, in Hulman Memorial Student Union (HMSU), Room 227.

The Curriculum and Academic Affairs Committee will meet at 11:30 a.m. on Monday, November 26, 2001, in Family \& Consumer Sciences, Room 110.
THESES, DISSERTATIONS, \& RESEARCH PROJECTS
SCHOOL OF HEALTH \& HUMAN PEFORMANCE

## ATHLETIC TRAINING

Ms. Alexandra Giannini will defend her thesis, entitled Emergency Medical Services Personnel an Athletic Trainers: Is There A Difference in Their Pre-hospital Emergency Care of Athletes?, at 9:00 a.m., on Wednesday, November 28, 2001 in the Arena, Room C-09. The members of her committee are Dr. Christopher Ingersoll, Chairperson, Dr. Catherine Stemmans, and Dr. Betsy Frank.

Mr. Craig A. Jamison will defend his thesis, entitled The Effects of Post-Cryotherapy Exercise on Surface and Capsular Temperature, at 1:00 p.m. on Friday, November 30, 2001 in the Athletic Training Department Conference Room. The members of his committee are Dr. Christopher Ingersoll, Chairperson, Dr. Mitchell Cordova, and Dr. Mark Merrick.

# UNDERGRADUATE CURRICULUM PROPOSALS 

## NEW COURSES

## COLLEGE OF ARTS \& SCIENCES: Languages, Literatures, \& Linguistics

LLL 199 Honors Summer Seminar for High School Students - 2 hours. Intensive study of a topic in Languages, Literatures, or Linguistics.
Preferred Effective Term: Summer I 2002

## COLLEGE OF ARTS \& SCIENCES: Women's Studies

WS 301 Gender, Nation, and Class- $\mathbf{3}$ hours. An interdisciplinary and international study of the dynamics and intersections of gender, nation, and class. Using material from the humanities, art, social sciences, and sciences, this course examines the impact of race, ethnicity, national origin, sexuality, and class on women. Prerequisite: WS 201. Students who have taken WS 200 may petition the Women's Studies Director to take the course.
Preferred Effective Term: Fall 2002

NEW COURSES FOR GENERAL EDUCATION CONSIDERATION

## COLLEGE OF ARTS \& SCIENCES: English

ENG 483 Multiple Literacies - 3 hours. Exploring multiple forms of literacy in order to understand various ways of interpreting the word and the world. Reading and discussions address the history of literacy; cultural literacy; visual literacy; scientific literacy; media literacy; popular literacy; cyberliteracy; and numeracy. GE2000: This course fulfills the General Education Capstone requirement. The purpose of the General Education Capstone Course (GECC) is to bring coherence to students' Liberal Studies program by leading them to reflect on the sometimes disparate parts of their liberal studies and guiding them to synthesize those experiences into a more cohesive whole so they can relate their liberal studies experiences to their professional goals.

## COLLEGE OF ARTS \& SCIENCES: Women's Studies

WS 450 Student Activism in Theory and Practice - $\mathbf{3}$ hours. This is a General Education Capstone course open to all majors. During the first half of the semester, students will explore the artistic, legal, political, social, and philosophical foundations of activism. Students will then spend the second half ofthe semester organizing the Take Back the Night march and rally. The purpose of the General Education Capstone course (GECC) is to bring coherence to students' Liberal Studies programs by leading them to reflect on the sometimes disparate parts of their liberal studies and guiding them to synthesize those experiences into a more cohesive whole so they can relate their liberal studies experiences to their professional goals. Prerequisites: Minimum seventy-two credit hours earned or consent of the Director of Women's Studies.
Preferred Effective Term: Fall 2002

## COURSE REVISIONS

## COLLEGE OF ARTS \& SCIENCES: Political Science

PSCI *416 Public Opinion - 3 hours. Formation of political attitudes and ideology, conflict and consensus on basic issues, political participation and voting, discontent and protests, effects of propaganda and the media, and the impact of public opinion on public policy.
Change description to:
PSCI *416 Public Opinion - $\mathbf{3}$ hours. An examination of the role of public opinion in American democracy and society, with attention given to the nature, content, and formation of individual attitudes, the measurement of these attitudes through public opinion polling, and the impact of public opinion on public policy and society. (Also listed as Sociology 4/540).
*Course has a graduate level equivalent

## COLLEGE OF ARTS \& SCIENCES: Sociology

SOC *440 Public Opinion - $\mathbf{3}$ hours. The nature, importance, and implications of public opinion and the means of creating, influencing, and manipulating public opinion in democracies and in totalitarian states.
Change description to:
SOC $* \mathbf{4 4 0}$ Public Opinion - $\mathbf{3}$ hours. An examination of the role of public opinion in American democracy and society, with attention given to the nature, content, and formation of individual attitudes, through public opinion polling, and the impact of public opinion on public policy and society.
*Course has a graduate level equivalent

## COLLEGE OF ARTS \& SCIENCES: Women's Studies

WS 200 Introduction to Women's Studies - 3 hours. Survey of major issues and current research on women from the point of view of various disciplines, primarily the behavioral and social sciences and the humanities.[GE89: B1,E2; GE2000: Multicultural StudiesU.S. Diversity]

## Change description to:

WS 200 Introduction to Women's Studies - $\mathbf{3}$ hours. An interdisciplinary survey of the major issues and current research on women and gender. Issues studied might include, but would not be limited to: acquaintance rape, body image, eating disorders, reproductive rights, popular culture, sexuality, social activism, and Title IX. This course counts toward elective credit in the Women's Studies minor sequence. [GE89: B1,E2; GE2000:MulticulturalStudies-U.S. Diversity]

WS 201 Issues in Women's Studies-3 hours. The content of each course offering will relate to significant basic concepts or issues in Women's Studies. Students may enroll in different offerings of the course for a maximum of 6 hours, with a change in topic. Specific title will be listed when the course is scheduled.
Change title and description to:
WS 201 Foundations of Feminist Theories - $\mathbf{3}$ hours. A survey of feminist texts and themes from the $18^{\text {th }}$ century through the 20 th century, this course traces the theoretical foundations of contemporary feminist theory. This is the first required course in the Women's Studies minor sequence.
Preferred Effective Term: Fall 2002
WS 400 Feminist Theories $\mathbf{-} \mathbf{3}$ hours. This course examines the development and directions of various feminist theories. The course will review feminist theories within traditional disciplinary fields and the impact of feminist theories and research on those fields. The course will also explore the dialogue, sometimes conflictual, among feminist theories and theorists. Prerequisites: 200 and 3 hours of approved Women's Studies electives, or consent of instructor.
Change title, description, and prerequisites to:
WS 400 Contemporary Feminist Theories - $\mathbf{3}$ hours. An interdisciplinary examination of various contemporary theories, including but not limited to, psychoanalytic, gay and lesbian,
postmodern, global, multicultural, and ecological. This course will review these perspectives within traditional disciplinary fields and explore their impact on those fields. Prerequisites: WS 201, WS 301 or SOC390 and 3 hours of approved Women's Studies electives, or consent of the instructor.

## UNDERGRADUATE PROGRAM REVISIONS

## COLLEGE OF ARTS \& SCIENCES: Chemistry Chemistry Major - American Chemical Society Certified

## Executive Summary:

In all our Chemistry major tracks, the general chemistry sequence for chemistry majors (CHEM 107, 107L, 108, or 108L) is being replaced by our science-major general chemistry sequence (CHEM 105, 105L, 106 and 106L).

## Rationale:

Because of staffing and enrollment constraints we have not offered CHEM 107, 107L, 108, or 108L for several years. Chemistry majors instead take CHEM 105, 105L, 106, and 106L. For many years we have accepted these courses in lieu of CHEM 107, 107L, 108, and 108L in those cases where students transfer into the chemistry major. The content and coverage of CHEM 105, 105L, 106, and 106L is at an appropriately high level to prepare students for the remaining courses in the major.

## CURRENT CATALOG COPY

## Chemistry Major (69 semester hours, including extradepartmental requirements)

## Core Curriculum (30 semester hours)

Required Chemistry: 107--3 hrs.; 107L--1 hr.; 108--3 hrs.; 108L--1 hr.; 310--1 hr.; 321--4 hrs.; 351-
$-3 \mathrm{hrs} . ; 351 \mathrm{~L}-1 \mathrm{hr}$.; 352--3 hrs.; 352L-1 hr.; $355-1 \mathrm{hr} . ; 400--1 \mathrm{hr} ; 421--3 \mathrm{hrs}$.
Required Mathematics: 131--4 hrs.

## Biochemistry Emphasis

This program is designed for the student who wishes to pursue a career as a professional chemist with an emphasis in biochemistry and the biological sciences or pursue an advanced degree in biochemistry.

Required courses: 30 hours of the core curriculum.
Chemistry: 431--3 hrs.; 431L--1 hr.; 432--3 hrs.; 465--4 hrs.; 465L--2 hrs.
Life Sciences: 101--3 hrs.; 101L--1 hr.; 102--3 hrs.; 102L--1 hr.
Physics: 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr.
Electives: 10 hours of advanced courses, a minimum of four of which must be taken in the Department of Chemistry (a maximum of four hours of 499 may be counted). Any remaining hours may be taken in related areas; e.g., mathematics, physics, computer science, or life sciences. Advanced courses in other departments are 300- or 400-level courses that carry prerequisites.

## Business Emphasis (78 semester hours including extradepartmental requirements)

This program is designed for the student who wishes to pursue a career in marketing, sales, or administration in the chemical or pharmaceutical industry.

Required chemistry courses (30 hours): 105--3 hrs. or 107--3 hrs.; 105L--1 hr. or 107L--1 hr.; 106-3 hrs. or 108-- 3 hrs.; 106L--1 hr. or 108L--1 hr.; 321--4 hrs.; 351--3 hrs.; 351L--1 hr.; 352--3 hrs.; 352L--1 hr.; 371--3 hrs.; 431--3 hrs.; 465--4 hrs.
Business courses ( 27 hours)*: Accounting 201-- 3 hrs.; 202-- 3 hrs.; Management Information Systems 276--3 hrs.; Management 300-- 3 hrs.; Finance 300-- 3 hrs.; Marketing 305-- 3 hrs.; 338-- 3 hrs.; 439--3 hrs.; Systems and Decision Sciences 265--3 hrs.
Other required courses (21 hours): Communication 215--3 hrs.; Economics 200--3 hrs.; 201--3 hrs.; Mathematics 131--4 hrs.; Physics 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr.
*Students majoring in the chemistry with business emphasis program are expected to meet all course prerequisites in the School of Business, including ?Junior Standing in Business $\cong$ where necessary.

## Environmental Geological Chemistry Emphasis (76-78 semester hours including extradepartmental requirements)

The environmental geological chemistry program is designed for the student who wishes to pursue a career in environmental chemistry with a focus on physical and geological processes and their applications.

Required Chemistry (31-33 hours): 105--3 hrs. or 107--3 hrs.; 105L-- 1 hr . or 107L--1 hr.; 106--3 hrs. or 108-- 3 hrs.; 106L--1 hr. or 108L--1 hr.; 310--1 hr.; 321--4 hrs.; 351--3 hrs.; 351L--1 hr.; 352-3 hrs.; 352L--1 hr.; 371--3 hrs.; 400--1 hr.; 421--3 hrs.; 465--4 hrs.
Required Geology (12 hours): 152-- 3 hrs.; 441-- 3 hrs.; 442--3 hrs.; 465-- 3 hrs.
Other required courses (24 hours): Life Sciences 274--2 hrs.; 274L--1 hr.; Mathematics 131--4 hrs.; 241--3 hrs.; 132--4 hrs.; Physics 205--4 hrs.; 205L--1 hr.; 206--4 hrs.; 206L--1 hr.
Electives (9 hours from the following): Chemistry 499--1-4 hrs.; Geology 354--3 hrs.; 484--3 hrs.; 454-3 hrs.; 455--3 hrs.; 456--3 hrs.; 457--3 hrs.; 464--3 hrs.; 482--3 hrs.; Life Sciences 350--3 hrs.; Health and Safety/Geology 356--3 hrs.; Health and Safety 320--3 hrs.

## Preprofessional Emphasis

This program is designed for the student who wishes to pursue a career in medicine, dentistry, veterinary science, or other health related fields.

Required courses: 30 hours of the core curriculum.
Chemistry: 431--3 hrs.; 431L--1 hr.; 465--4 hrs.
Life Sciences: 101--3 hrs.; 101L--1 hr.; 102--3 hrs.; 102L--1 hr.
Physics: 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr.
Electives: 15 hours of advanced courses, at least 5 hours of which must be taken in chemistry with the remaining 10 hours to be taken in chemistry or related areas; e.g., mathematics, physics, computer science, or life sciences. Advanced courses in other departments may be defined as 300 - or 400 -level courses that carry prerequisites. A maximum of 4 hours of CHEM 499 may be counted as advanced electives. Electives should be chosen to meet the requirements of the professional school in question.

## PROPOSED CATALOG COPY

Chemistry Major (69 semester hours, including extradepartmental requirements)

## Core Curriculum (30 semester hours)

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Physics: 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr.
Electives: 10 hours of advanced courses, a minimum of four of which must be taken in the Department of Chemistry (a maximum of four hours of 499 may be counted). Any remaining hours may be taken in related areas; e.g., mathematics, physics, computer science, or life sciences. Advanced courses in other
departments are 300 - or 400 -level courses that carry prerequisites.

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Other required courses (21 hours): Communication 215--3 hrs.; Economics 200--3 hrs.; 201--3 hrs.; Mathematics 131--4 hrs.; Physics 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr.
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This program is designed for the student who wishes to pursue a career in medicine, dentistry, veterinary science, or other health related fields.

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Life Sciences: 101--3 hrs.; 101L--1 hr.; 102--3 hrs.; 102L--1 hr.
Physics: 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr.
Electives: 15 hours of advanced courses, at least 5 hours of which must be taken in chemistry with the remaining 10 hours to be taken in chemistry or related areas; e.g., mathematics, physics, computer science, or life sciences. Advanced courses in other departments may be defined as 300- or 400-level courses that carry prerequisites. A maximum of 4 hours of CHEM 499 may be counted as advanced electives. Electives should be chosen to meet the requirements of the professional school in question.
Preferred Effective Term: Fall 2002
***NOTE: A proposal is also in process for a revision of the American Chemical Society Certified portion of this program. If both proposals are approved, the catalog copies will be merged. ${ }^{* * *}$

## COLLEGE OF ARTS \& SCIENCES: Women's Studies <br> Women's Studies Program Minor

## Executive Summary:

## Modification to the Women's Studies program (minor)

1) WS 201 becomes the first required course in the minor.
2) WS 200 is no longer a required course in the minor. It will, however, count for elective credit in the minor. It will also continue to serve as a course where both Women's Studies minors and non-Women's Studies minors can earn General Education U.S. Diversity credit.
3) New required junior level course WS 301 (or SOC 390). The course will serve as a "conceptual bridge" between the two required feminist theory courses WS 201 and WS 400.
4) WS 201 is now a prerequisite for WS 301 .
5) WS 201 and WS 301 are now prerequisites for WS 400
6) WS 400 is now the second feminist theory course in the required course sequence rather than the first. This course will focus on contemporary feminist theories, while WS 201 will introduce students to the more "classic" feminist theoretical perspectives.
7) Number of required credit hours increased from six to nine (WS 201, WS 301 (or SOC 390), and WS 400)
8) Number of elective credit hours decreased from fifteen to twelve.
9) Students must pick elective hours from the disciplinary areas of Arts and Humanities and one elective course from the disciplinary areas of Sciences and Social Sciences. See the Women's Studies web site for a list of Women's Studies electives.

Modifications to already existing Women's Studies courses

1) Change in the description of WS 200 (see comparison copy)
2) Change in the title and description of WS 201 (see comparison copy)
3) Changes in the title, description, and prerequisites of WS 400 (see comparison copy)

## Addition of new elective courses

1) WS 301 (Gender, Nation, and Class)
2) WS 450 (Student Activism in Theory and Practice)

## No changes to

1) Number of credit hours required to complete the minor-number stays at twenty-one.

## Rationale:

The modifications to the Women's Studies program will strengthen the minor, by no longer having WS 200 An Introduction to Women's Studies serve as both the first required course in the minor and as a General Education U.S. Diversity course. Instead, WS 201 Foundations of Feminist Theories will now serve as the first required course in the minor sequence. This separation will allow each course to meet its unique goals. The focus of WS 200 will be to introduce students to multicultural issues (sex/gender, sexual orientation, race/ethnicity, class, etc) to students that are not necessarily interested in earning a minor in Women's Studies. The Women's Studies program will continue to utilize WS 200 as a learning community course and Women's Studies minors can choose to have the count towards elective credit in the minor.

As the first course in the minor, WS 201 will serve as a building block for the upper division required courses in Women's Studies. Students will have to take this course before enrolling in any other required Women's Studies courses.

The requirement that students take at least one of their elective courses (for a total of two) from the disciplinary areas of Arts and Humanities and the Sciences and Social Sciences will help students to experience a more interdisciplinary background in Women' Studies. Leaving students six elective credit hours to "play with" allows them some flexibility in terms of selecting courses that might best complement their major area of study.

The addition of WS 301 Gender, Nation, and Class as a bridging course between WS 201 and WS 400 came about in response to feedback from instructors who had taught WS 400. Instructors of WS 400, the culminating experience in the minor, invariably have found that students are not adequately prepared to take WS 400 if they have taken only WS 200 and another elective course in Women's Studies. As a result, the Women's Studies curriculum committee determined that a required junior level course would help better prepare students for WS 400. The Women's Studies faculty agreed that a course which focused on the intersections between gender, race (and/or nation), and class would best meet the needs of students and the program.

The modifications to the Women's Studies program will also enhance the university's mission. WS 450 is a General Education Capstone open to all students and its strength is that it integrates aspects of community service and service learning. Thus, it gives students the opportunity to apply what they have learned in their

General Education and major courses in a real world setting. In addition, at a later date, a proposal will be submitted to recognize WS 301 as an International Cultures multicultural course. Together, these courses will further enrich Indiana State University's General Education course offerings.

CURRENT CATALOG COPY

## Women's Studies Minor (21 semester hours)

Required: Women's Studies 200-- 3 hrs., 400--3 hrs.

Electives: 15 semester hours of approved courses, no more than 6 of which may be from any one department.

## PROPOSED CATALOG COPY

## Women's Studies Minor (21 semester hours)

Required: WS 201-- 3 hrs.; WS 301—3hrs., or SOC 390-3hrs.; WS 400-3hrs.; and 12 semester hours of approved courses, to include 3 hrs . in Arts and Humanities, 3 hrs . in Science or Social Sciences, and $\quad 6$ hrs. student's choice. For list of electives see the Women's Studies web page
http://web.indstate.edu/wmnstudy/electives.html
Preferred Effective Term: Fall 2002

## COURSE TO BE BANKED

## COLLEGE OF ARTS \& SCIENCES: Chemistry

CHEM 305 Chemistry in the Crime Laboratory - $\mathbf{3}$ hours. An introduction to the instrumentation and techniques used in the examination of physical evidence by chemical methods in the crime laboratory. May not be counted toward a chemistry major or minor. No laboratory.

CHEM 395 The Teaching of High School Chemistry - 2 hours. A course to familiarize the prospective chemistry teacher with successful techniques, demonstrations, curricula, films, and desirable professional organizations. No laboratory.

## GRADUATE CURRICULUM PROPOSALS

## NEW GRADUATE CERTIFICATE

COLLEGE OF ARTS \& SCIENCES: Languages, Literatures, \& Linguistics
Graduate Certificate in TESL/TEFL
Executive Summary:

November 26,

The Department will offer a 12 -semester hour Certificate in TESL/TEFL. This is not a degree program, nor does it confer an Indiana teaching license on its recipients. Certificate (in TEFL or TESL) is an internationally recognized term, and many employers in other countries require a certificate of teachers who don't hold a Masters degree.

## Rationale:

There are two major training options for those interested in teaching English as a second or foreign language: Masters degree programs and certificate programs. The Department currently offers a Masters program, which provides a sound theoretical foundation in language and language teaching. Within the coursework for that program, we offer many practical courses for teachers, and we often have students from outside our graduate program taking several of our courses prior to teaching abroad. By offering a Certificate in TESL/TEFL, we will enable those students to take with them evidence of their training, and we will be able to advise them into the appropriate courses. We will also be able to offer basic preparation to those outside academia who wish to teach abroad, as well as the large number of people who wish to come from abroad for a short course leading to a certificate.

## PROPOSED CATALOG COPY

## Certificate in TESL/TEFL ( 12 semester hours)

## Course Requirements:

LING 601: English Syntax - 3 hrs.
LING 520: Language Acquisition - 3 hrs.
LING 613: Teaching English as a Second Language - 3 hrs.
One Elective chosen from LING 513, 514, 515, 517, 621, and 792-3 hrs.

## Applied Experience Requirement:

This requirement is fulfilled by doing one of the following:

1) 2 years study (or equivalent fluency) of a non-native language
2) Experience living in a non-native culture ( 3 months minimum)
3) ESL/EFL teaching or cross-cultural experience (3 months minimum)

Preferred Effective Term: Springl 2002

## COLLEGE OF ARTS \& SCIENCES: Political Science

Graduate Certificate in American Government and Politics

## Executive Summary:

This proposal for a new Graduate Certificate Program in American Government and Politics,
starting in Fall 2002, has been designed to meet the continuing education of international scholars and foreign university professors who are teaching American Government and Politics courses in the foreign universities. The Department of Political Science at ISU has hosted many such professors and visiting scholars from 1990 to present. Implementing this program will not require any new courses, faculty or financial resources. This new program will introduce ISU and increase grade level FT. A fast track approval will be helpful in the Department's applications for external grants to have Eastern European scholars placed in this program starting Fall 2002.

## Rationale:

This proposed program proposal is to establish a non-degree ( 12 credit hour) Graduate Certificate Program in AMERICAN GOVERNMENT and POLITICS. As a certificate program requiring no new courses and no additional faculty, this program requires only university level approval for implementation starting FALL 2002. It is primarily designed to serve the continuing education needs of International scholars and foreign university professors who are already teaching AMERICAN GOVERNMENT AND POLITICS courses in their universities. These scholars may want to update their knowledge about American Politics to be more effective in the classroom as teachers of American politics. This program is also open to American graduate students.

## PROPOSED CATALOG COPY

## Certificate in American Government and Politics ( 12 semester hours)

Certificate in American Government and Politics. The Department of Political Science offers a Graduate Certificate Program in American Government and Politics to serve the continuing education needs of the international scholars and university professors who are currently teaching American Government and Politics courses in foreign Universities. This program is also open to American graduate students who are pursuing professional development goals in a structured non-degree certificate program in order to have an in-depth study about various aspects of American political institutions, political behavior, and public policy issues. Applicants should meet admission requirements as a non-degree seeking graduate student. International scholars also must have a TOEFL score of 550(or equivalent in computer administered test). All students admitted to this 12 credit hour program will complete the following graduate courses with a B grade or better, and will select their elective courses in consultation with the Director of Graduate Studies in Political Science. All course work is required to be completed at Indiana State University and no transfer credit from other institutions will be allowed toward this certificate program.

Required Courses: PSCI 621-3 hrs. or PA 600—3 hrs.
Elective Courses: Select nine hours from the following: PSCI 500-3 hrs; PSCI 504-3 hrs.;PSCI 507-3 hrs.; PSCI 509-3 hrs.; PSCI 510-3 hrs., PSCI 514-3 hrs.; PSCI516-3his.; PSCI 517-3 hrs.; PSCI 518-3 hrs.; PSCI 621-3 hrs.; PA 610—3 hrs.; PA 631-3 hrs.
Preferred Effective Term: Fall 2002
November 26,

## COURSE REVISIONS

## COLLEGE OF ARTS \& SCIENCES: Political Science

PSCI *516 Public Opinion - $\mathbf{3}$ hours. Formation of political attitudes and ideology, conflict and consensus on basic issues, political participation and voting, discontent and protests, effects of propaganda and the media, and the impact of public opinion on public policy.
Change description to:
PSCI *516 Public Opinion - $\mathbf{3}$ hours. An examination of the role of public opinion in American democracy and society, with attention given to the nature, content, and formation of individual attitudes, the measurement of these attitudes through public opinion polling, and the impact of public opinion on public policy and society. (Also listed as Sociology 4/540).
*Course has an undergraduate level equivalent

## COLLEGE OF ARTS \& SCIENCES: Sociology

SOC *540 Public Opinion - $\mathbf{3}$ hours. The nature, importance, and implications of public opinion and the means of creating, influencing, and manipulating public opinion in democracies and in totalitarian states.
Change description to:
SOC *540 Public Opinion - $\mathbf{3}$ hours. An examination of the role of public opinion in American democracy and society, with attention given to the nature, content, and formation of individual attitudes, through public opinion polling, and the impact of public opinion on public policy and society.
*Course has an undergraduate level equivalent

## UNDERGRADUATE APPROVALS

## NEW COURSES

## COLLEGE OF ARTS \& SCIENCES: Mathematics \& Computer Science

MATH 402 Teaching an Integrated Unit - 1 hour. Guidance for and experience in teaching an integrated unit of content and writing a professional report based on that instruction. Must be taken with and can only be taken with CIMT 401 - Student Teaching.
*Preferred Effective Term: Fall 2002

## COLLEGE OF ARTS \& SCIENCES: Philosophy

PHIL 339 Eastern Philosophy - 3 hours. Study and discussion of Oriental thought, including Hinduism, Buddhism, and Taoism.
*Preferred Effective Term: Fall 2002

## COURSES FOR GENERAL EDUCATION CONSIDERATION

The following course proposals have been approved for the General Education 2000 program.

## COLLEGE OF ARTS \& SCIENCES: Languages, Literatures, \& Linguistics

GERM 308 Weimar and Fascism in German Culture-3 hours. Analysis of the principle cultural developments of the Weimar period and the rise of German fascism (in English). Does not count for credit toward the major for LLL students under the German option. General Education Credits [GE2000: Multicultural Studies, International Cultures]

## COLLEGE OF ARTS \& SCIENCES: Sociology

SOC 302 Work, Employment, and Society - $\mathbf{3}$ hours. This course is designed primarily to meet the General Education Capstone Course requirement. The purpose of the General Education Capstone Course (GECC) is to bring coherence to students' Liberal Studies program by leading them to reflect on the sometimes disparate parts of their liberal studies and guiding them to synthesize those experiences to their professional goals. This course will do that by examining the "employment relationship." In a society of employees the employment relationship emerges as among the most significant in a person's life. Topics will include basic labor law, forms of the employment relationship, employment discrimination, regulation of the employment relationship, promotions, workplace politics, and workplace health and safety issues. Enrollment in a GECC is limited to students with at least 76 credit hours who have met all their Basic Studies requirements, successfully completed the required Liberal Studies courses, and made sufficient progress in the major to validate the work as a capstone experience.

## NEW UNDERGRADUATE PROGRAMS

## COLLEGE OF ARTS \& SCIENCES: Political Science <br> Legal Studies Minor

## Executive summary:

The minor in Legal Studies for all intents and purposes mirrors the major. The core and elective requirements in the minor continue to promote an interdisciplinary curriculum that is simultaneously structured and flexible. The curriculum for the minor has been constituted based on recommendations by the Pre Law Committee of the ABA section of the Legal Education Admission to the Bar. Additionally,
elective courses selected for the minor emphasize both substantive knowledge of the American legal system and the development of important skills (oral and written communication, critical and analytical thinking, and research competence).

Legal Studies Minor (21 hours):
Political Science core requirements (9 hours):
PSC1 201 American Government
PSCI 211 Legal Research
PSCI 308 Judicial Processes or PSCI 317 Constitutional Law I: An Introduction
Elective requirements ( 12 hours) selected from 6-9 hours of political science and 3-6 hours of courses offered outside of political science:

Political Science elective requirements (6-9 hours) selected from:
PSCI 107 Contemporary American Issues
PSCI 308 Judicial Processes (if the student did not take it as a core requirement)
PSCI 310 Women in Law
PSCI 317 Constitutional Law I: An Introduction (if the student did not take it as a core requirement)
PSCI 417 Constitutional Law II: Separation of Powers, Federalism, and Representation (prerequisite PSCI 308 or PSCI 317).
PSCI 418 Constitutional Law III: Civil Rights and Civil Liberties (prerequisite PSCI 308 or PSCI 317).
PSCI 473 International Law
PSCI 496 Capstone in Legal Studies (prerequisite PSCI 308 or PSCI 317).

Other elective requirements (3-6 hours) selected from:
Accounting
ACCT 200 Survey of Accounting (for non business majors)

## Business

BUS 201 Principles of Accounting I
BUS 202 Principles of Accounting II (prerequisite BUS 201)

## Business Law

BLAW 263 The Law and Business
BLAW 464 Business Administration and the Law

## Communication

COMM 356 Argumentation and Debate
COMM 459 Law and Responsibility of Broadcast Communication

## Criminology

CRIM 280 Law of Criminal Justice (prerequisite 3hrs of CRIM or consent of the instructor)

CRIM 420 Criminal Law and Procedure I (prerequisite 6hrs of CRIM or consent of the instructor)
CRIM 421 Criminal Law II (prerequisite 6hrs of CRIM or consent of the instructor)
Philosophy
PHIL 105 Introduction to Logic
PHIL 325 Philosophy of Law
PHIL 416 Political Philosophy

## Rationale:

A minor in Legal Studies will enable students interested in attending law school, but who are also enrolled in other programs that require a significant number of hours (e.g., accounting or clinical laboratory science) to take foundational courses in the law. Moreover, a minor in Legal Studies would be ideal for students who are interested in enrolling in a joint degree program (e.g., medicine and the law; management and the law) at the graduate level. As a NSARP adviser (a. k. a. Sycamore Advantage) and as the Legal Studies Adviser, a significant number of students have indicated to me an interest in a Legal Studies minor. The department anticipates that approximately twenty students will enroll in the Legal Studies minor.

NEW CATALOG COPY

## Legal Studies Minor (21 semester hours)

Political Science Core Requirements (9 hours): 201—3hrs.; 211—3hrs.; select from 308 or 317— 3hrs.
*Political Science Elective Requirements (6-9 hours) selected from: 107—3hrs.; 308—3hrs. (if not taken as a core requirement); 310—3hrs.; 317—3hrs (if not taken as a core requirement); 417—3hrs.; 418-3hrs.; 473-3hrs.; and 496-3hrs.
*Other Elective Requirements (3-6 hours) selected from: Accounting 200—3hrs.; Business 201— 3hrs.; 202-3hrs.; Business Law 263-3hrs.; 464-3hrs.; Communication 356-3hrs.; 459—3hrs.; Criminology 280-3hrs.;, 420-3hrs, 421-3hrs.; History 423 and 424-3hrs; Journalism 460-3hrs.; Philosophy 105—3hrs.; 325—3hrs.; 416—3hrs.
*Some of these elective courses have prerequisites. Students should review course descriptions elsewhere in the catalog.
Preferred Effective Term: Fall 2001

## COURSE REVISIONS

## COLLEGE OF ARTS \& SCIENCES: Chemistry

CHEM 100 Chemistry: Reactions and Reason-- 3 hours. Modern societies are faced with many complex issues as a result of the advances brought about by science and technology. Citizens must therefore be scientifically literate in order to understand these issues. This course is intended to provide students with a basic understanding of scientific principles with an emphasis upon chemistry and its applications to such current issues as: atmospheric ozone depletion, global warming, water pollution, new drug development, advanced semiconductor materials, and alternate energy sources. Corequisite: 100L or consent of instructor. [GE 89: A3; GE2000: Scientific and Mathematical Studies--Foundational]
Change description to:
CHEM 100 Chemistry: Reactions and Reason--3 hours. This course enhances scientific literacy by providing a basic understanding of scientific principles with an emphasis on chemistry and biochemistry as well as their application to current topics. These topics may include atmospheric ozone depletion, water pollution, nutrition, pharmaceuticals and others. Corequisite: 100L or consent of instructor. [GE 89: A3; GE2000: Scientific and Mathematical Studies--Foundational]

CHEM 100L Chemistry: Reactions and Reason Laboratory--1 hour. Chemistry is an experimental science. While performing experiments in the laboratory, students will make qualitative and quantitative observations. These observations will lead to inquiry and problem solving. The experiments chosen for this course are designed to augment student understanding of scientific principles and applications of current issues discussed in Chemistry 100. Prerequisite: successful completion of or concurrent enrollment in 100. [GE 89: A1; GE2000: Scientific and Mathematical Studies--Foundational]

## Change description to:

CHEM 100L Chemistry: Reactions and Reason Laboratory--1 hour. A series of qualitative and quantitative experiments designed to augment understanding of scientific principles and applications discussed in Chemistry 100. Prerequisite: successful completion of or concurrent enrollment in 100. [GE 89: A1; GE2000: Scientific and Mathematical Studies--Foundational]

CHEM 103 Elementary Chemistry--3 hours. A one-semester introduction to the principles of chemistry for students in nursing and health-related professions. Prerequisites: concurrent enrollment in 103L or consent of instructor and chairperson. [GE89: credits assigned if taken in sequence with 104 and 104L, A6]
Change description to:
CHEM 103 Elementary Chemistry--3 hours. A one-semester introduction to the principles of chemistry for students in the health-related professions. Prerequisites: concurrent enrollment in 103L or consent of instructor and chairperson. [GE89: credits assigned if taken in sequence with 104 and 104L, A6]

CHEM 103L Elementary Chemistry Laboratory--1 hour. A weekly three-hour laboratory in which general chemistry laboratory procedures and techniques and the use of equipment are stressed. Corequisites: concurrent enrollment in 103 or consent of instructor and
chairperson.
Change description to:
CHEM 103L Elementary Chemistry Laboratory--1 hour. A weekly three-hour laboratory in which general chemistry laboratory procedures and techniques are stressed. Corequisite: concurrent enrollment in 103 or consent of instructor and chairperson.

CHEM 104 Elementary Organic and Biochemistry--3 hours. A one-semester course dealing with the rudiments or organic and biological chemistry for students in nursing and health-related professions. Prerequisites: 103, 103L and, corequisite: concurrent enrollment in 104L, or consent of instructor and chairperson. [GE89: credits assigned if taken in sequence with 104 and 104L, A6]
Change description to:
CHEM 104 Elementary Organic and Biochemistry--3 hours. A one-semester course dealing with the rudiments or organic and biological chemistry for students in health-related professions. Prerequisites: 103, 103L and, corequisite: concurrent enrollment in 104L, or consent of instructor and chairperson. [GE89: credits assigned iftaken in sequence with 104 and 104L, A6]

CHEM 104L Elementary Organic and Biochemistry Laboratory--1 hour. A weekly three-hour laboratory in which general chemistry laboratory procedures and techniques and the use of equipment are stressed. Corequisites: concurrent enrollment in 104 or consent of instructor and chairperson.
Change description to:
CHEM 104L Elementary Organic and Biochemistry Laboratory--1 hour. A weekly three-hour laboratory in which general chemistry laboratory procedures and techniques are stressed. Corequisites: concurrent enrollment in 104 or consent of instructor and chairperson.

CHEM 330 Survey of Biochemistry--4 hours. Survey of biological molecules with regard to structure and function, metabolism and metabolic processes, gene information and transfer, and molecular physiology. Three lecture hours and three laboratory hours per week. Prerequisites: 104, 351, or 352.
Change description and prerequisites to:
CHEM 330 Survey of Biochemistry--4 hours. Survey of biological molecules with regard to structure and function, metabolism and metabolic processes, and gene information. Three lecture hours and three laboratory hours per week. Prerequisites: 104 or 352 .

CHEM 421 Instrumental Methods of Analysis--3 hours. Principles and application of instrumental analysis, including spectrophotometry, chromatography, electrophoresis, mass spectrometry, fluorimetry, and magnetic resonance techniques. Prerequisites: successful completion of or concurrent enrollment in 462.
Change description to:
CHEM 421 Instrumental Methods of Analysis--3 hours. Principles and application of instrumental analysis, including spectrophotometry, chromatography, electrophoresis, mass
spectrometry, fluorimetry, and magnetic resonance techniques. Prerequisites: successful completion of or concurrent enrollment in 462 or 465.

CHEM 431 Biochemistry I--Structure, function, and Analysis--3 hours. Biochemistry of lipids, carbohydrates, proteins, nucleic acids, and enzymes, and physicochemical principles and techniques used in their study. Prerequisite: 352, and concurrent enrollment in 431L or consent of instructor.
Change title and description to:
CHEM 431 Biochemistry I--3 hours. Biochemistry of lipids, carbohydrates, proteins, nucleic acids, and enzymes, with emphasis on structure, function and analysis. Prerequisite: 352, and concurrent enrollment in 431 L or consent of instructor.

CHEM 431L Biochemistry Laboratory --Structure, function, and Methods of Analysis--1 hour. Experimentation with biochemical systems, processes, and compounds of biochemical importance. Prerequisite: 352, and concurrent enrollment in 431 or consent of instructor. Change title and description to:
CHEM 431L Biochemistry Laboratory--1 hour. Experimentation with biochemical molecules and methods of analysis. Prerequisite: 352, and concurrent enrollment in 431 or consent of instructor.

CHEM 432 Biochemistry II--Survey of Intermediary Metabolism-3 hours. Biochemistry of metabolic reactions involved in the synthesis and degradation of biomolecules. Emphasis on metabolic pathways and regulation of pathways. Prerequisites: 431 or consent of instructor.
Change title and description to:
CHEM 432 Biochemistry II-- 3 hours. Biochemistry of metabolic reactions involved in the synthesis and degradation of biomolecules. Emphasis on metabolic pathways, regulation of pathways, and gene expression. Prerequisites: 431 or consent of instructor.

CHEM 440 Theoretical Inorganic Chemistry--3 hours. Atomic structure, bonding models, coordination chemistry, symmetry, and chemical applications of group theory. No laboratory. Prerequisite: successful completion of or concurrent enrollment in 462.

## Change title and description to:

CHEM 440 Advanced Inorganic Chemistry--3 hours. Atomic structure, bonding models, solid state structures, coordination chemistry, spectroscopy, reactivity patterns of elements, reaction mechanisms. No laboratory. Prerequisite: successful completion of or concurrent enrollment in 462.

CHEM 462L Experimental Physical Chemistry II--2 hours. Experiments designed to compliment the lecture material in 462. Emphasis is placed on experimental methodology and computerassisted data acquisition. The use of scientific spreadsheets and data analysis software is discussed in the lecture. Corequisite: passing grade in or concurrent enrollment in 462.

## Change credit hours to:

November 26,

CHEM 462L Experimental Physical Chemistry II--1 hour. Experiments designed to complement the lecture material in 462. Emphasis is placed on experimental methodology and computerassisted data acquisition. The use of scientific spreadsheets and data analysis software is discussed in the lecture. Corequisite: passing grade in or concurrent enrollment in 462.

## UNDERGRADUATE PROGRAM REVISIONS

COLLEGE OF ARTS \& SCIENCES: Languages, Literatures, \& Linguistics
Major/Minor in Languages, Literatures, \& Linguistics (Single Language or Cross-Linguistic Option)
Teaching Curricula Major/Minor in Languages, Literatures, \& Linguistics
Linguistics/TESL Option
Language Specialist Honors Certificate
***Please note areas of the proposal that were changed as the proposal was sent to various committees for approval. The corrections are shown in [bold in bold italics].***

## Executive Summary:

During the 2000-01 academic year the Department underwent the first two phases of a major structural revision, the first of which was to incorporate the faculty and course work in Linguistics/TESL and English as a Second Language into the Department. The second phase completed last year was the consolidation of its major and minor degree programs in French, German, Latin, Linguistics/TESL and Spanish into one unified Major in Languages, Literatures, \& Linguistics (40 semester hours) and one unified Minor in Languages, Literatures, \& Linguistics ( 24 semester hours).

This year the Department is undertaking the third step in its evolution, namely to put curricular form and substance to its newly unified major and minor, allowing students and faculty to share resources across disciplines. As a result of these proposed changes, the Major in Languages, Literatures, \& Linguistics will decrease to 39 credit hours, and the Minor in Languages, Literatures, \& Linguistics will remain at 24 credit hours. Majors and minors will take a common core of 3 hours regardless of their area of language study (Majors will take an additional 3 hours). A cross-linguistic option will also be available, allowing for students to incorporate knowledge of multiple languages into their major. As part of the unification, all language areas will align their requirements and course numbers so that students in each language will take similar courses in the same sequence. The Concentration in International Studies, as a separate area, will no longer be offered. The high number of course changes reflect the fact that the Department offers instruction in at least seven different linguistic areas as well as the fact that there has been a severe lack of common structure and sequencing across the curriculum. This revision to a curriculum with a unified structure allows students to combine studies beyond the bounds of a single language area, which will give them a greater range of career options.

## Rationale:

The Department currently teaches the basic concepts of language study in separate course work
within each area. Teaching all students together in core courses will ensure that students receive the same background regardless of language background or preparation, at the same time interacting with and learning from students from other language areas. The new structure will also allow students the flexibility to complete a traditional concentration in one language or to engage in cross-linguistic study, thus enhancing their marketability given today's employment environment. In addition, it will allow for more efficient use of faculty, whereby faculty from a single language area could have instructional contact with any student in the program.

The major area "Foreign Language Major with a Concentration in International Studies" (which was essentially the LLL major plus the equivalent of an additional minor in approved international studies courses) is being deleted for two reasons. First, only three students have graduated in this major area since 1992. Second, there is now a viable external minor available which essentially offers the same options to LLL majors, i.e., the interdisciplinary International Studies minor housed within the College of Arts and Sciences and administered currently through the International Affairs Center.

## OLD CATALOG COPY

## LIBERAL ARTS CURRICULA

## Major in Languages, Literatures, and Linguistics (40 semester hours)

Required Courses in French, or German: 201--3 hrs.; 202--3 hrs. in the primary language.
Electives: 34 hours in the primary language, 30 of which must be on the 300-400 level, with the advisor's approval.
Required Courses in Spanish: 201--3 hrs.; 202--3 hrs.; 311--3 hrs.; 312 --3 hrs.; 322 --2 hrs. Electives: 26 hours in Spanish on the 200, 300, and 400 levels with the advisor's approval.

## Major in Languages, Literatures, and Linguistics with a Concentration in International Studies (64 semester hours)

This is a major under the direction of the Department of Languages, Literatures, and Linguistics with the cooperation of the Departments of African and African American Studies, Economics, Geography, Geology, and Anthropology, History, Humanities, and Political Science. The primary language area requirement (40 semester hours) may be completed in French, German, or Spanish.

Required Courses in French or German (10 hours): 201--3 hrs.; 202--3 hrs. in the primary language.
Electives (58 hours): (1) In the Department of Languages, Literatures, and Linguistics: 34 hours in the primary language on the 300-400 level with the advisor's approval; (2) 15 hours distributed as follows: 3 hours in geography/geology; 6 in history; and 6 hours in political science selected by the student with the advisor's approval; (3) 9 hours from courses, with the advisor's approval, offered by the Departments of African and African American Studies; Economics; Languages, Literatures, and Linguistics (in a language other than the student's primary area); Geography, Geology, and Anthropology; History; Humanities; and Political Science.

Required Courses in Spanish (14 hours): 201--3 hrs.; 202--3 hrs.; 311--3 hrs.; 312 --3 hrs.; $322--2$ hrs.
Electives (50 hours): (1) In the Department of Languages, Literatures, and Linguistics: 26 hours in Spanish at the 200, 300, and 400 levels with the advisor's approval; (2) 15 hours distributed $\mathbf{\$}$ follows: geography/geology 3 hrs.; history 6 hrs.; political science 6 hrs. Specific courses for this requirement are to be selected by the student with the advisor's approval; and (3) 9 hours from courses, with the advisor's approval, offered by the Departments of African and African American Studies, Economics, Languages, Literatures, and linguistics (in a language other than the student's major), Geography, Geology, and Anthropology, History, Humanies and Political Science.

## Minor in Languages, Literatures, and Linguistics (24 semester hours)

Required language courses in all areas: 201--3 hrs.; 202--3 hrs. in one language.
Electives: 18 hours in the primary area with the advisors approval. Students selecting a primary area in French, German, Latin, or Spanish must take 14 hours of these electives at the 300-400 level. Those with a primary area in Linguistics/TESL may include French 303, 404, or 492; Spanish 402 or 404, or Latin 401.

## Classical Studies Minor (24 semester hours)

This is an interdepartmental minor under the direction of the Department of Languages, Literatures, \& Linguistics with the cooperation of the Departments of History, Humanities, and Philosophy.

Required: Greek or Latin 101-3hrs.; 102-3 hrs.; 201-3 hrs.; 202-3 hrs.; 394-3 hrs.
Electives: 9 hours from courses with the advisor's approval, offered by the Departments of Languges, Literatures, \& Linguistics, History, Humanities, and Philosophy.

## TEACHING CURRICULA

Major in Languages, Literatures, and Linguistics, Senior High-Junior High/Middle School Teaching License (40 semester hours)

This major may be added to the Senior High-Junior High/Middle School Instructional License, the coverage of which is grades 5-12.
Majors with fewer than two years in a non-native language during their secondary education are required to take 46 hours. In addition Foreign Languages 390 is required. Courses 101 and 102 or equivalent are prerequisites for 201.

Required Courses in French or German: 201--3 hrs.; 202--3 hrs. in the primary language.*
Electives: 34 hours in the primary language, 30 of which must be on the 300-400 level, with the advisor's approval.

Required Courses in Spanish: 201--3 hrs.; 202--3 hrs.; 311--3 hrs.; $312--3$ hrs.; 322 --2 hrs.*
Electives: 26 hours in Spanish at the 200, 300, and 400 levels with the advisor's approval.
The 40 semester hours must include course work in the following areas: Language: minimum hours; Literature (French, German, Spanish): minimum of 6 hours; Culture and

Civilization (French, German, Spanish): minimum of 4 hours. Specific courses for meeting lt requirements and for the remaining hours in directed electives are to be selected in consultation with the advisor.
*Required Professional Education: Foreign Language 390--2 hrs. is required in the Senior HighJunior High-Middle School Professional Education sequence described in the Department of Curriculum, Instruction, and Media Technology.

## Minor in Languages, Literatures, and Linguistics ( 24 semester hours)

This minor may be added to the Senior High-Junior High/Middle School or All Grade Instructional License, the coverage of which is grades 5-12.
Minors with fewer than two years in a non-native language during their secondary education are required to take 30 hours. In addition Foreign Languages 390 or Latin 390 (for Latin students) is required. Courses 101 and 102 or equivalent are prerequisites for 201.

Required language courses in all areas: 201-- 3 hrs.; 202--3 hrs. in one language.*
Electives: 18 hours in the minor area with the advisor's approval. Students selecting a primary area i French, German, Latin, or Spanish must take 14 hours of these electives at the 300-400 level. Those with a primary area in Linguistics/TESL may include French 303, 404, or 492; Spanish 402 or 404, or Latin 401.

The 24 semester hours for those with an area in French, German, Latin or Spanish must include course work in the following areas: Language: minimum of 6 hours; Literature (French, German, and Spanish): minimum of 4 hours; and Literature, Culture, and Civilization (Latin): minimum of 10 hours. Specific courses for meeting the requirements and for the remaining hours in directed electives are to be selected in consultation with the advisor.
*Required Professional Education: Foreign Language 390--2 hrs. is required in the Senior HighJunior High-Middle School Professional Education sequence described in the Department of Curriculum, Instruction, and Media Technology.

## Minor in Department of Languages, Literatures, and Linguistics, Elementary Teacher License (24 semester hours)

This minor may be added to the Elementary Instructional License; its coverage is grades 1-6. Minors with fewer than two years in a non-native language during their secondary education are required to take 30 hours. In addition Foreign Languages 390 or Latin 390 (for Latin students) is required. Courses 101 and 102 or equivalent are prerequisites for 201.

Required language courses in all areas: 201--3 hrs.; 202--3 hrs. in one language.*
Electives: 18 hours in the primary area with the advisor's approval. Students selecting a primary area in French, German, Latin, or Spanish must take 14 hours of these electives at the 300-400 level. Those with a primary area in Linguistics/TESL may include French 303, Spanish 402
or 404, or Latin 401.
Required and elective courses in the areas of French, German, Latin, or Spanish must include 6 hours in basic communication skills and 4 hours in the history, culture, and lifestyle of the language area. Specific courses for meeting the requirements and for the remaining hours in directed electives are to be selected in consultation with the advisor.
*Required Professional Education: Foreign Language 390-- 2 hrs. is required in the Senior High-Junior High-Middle School Professional Education sequence described in the Department of Curriculum, Instruction, and Media Technology.

## Language for Junior High/Middle School License (20 semester hours)

The supporting area may be taken as a component of the Junior High/Middle School endorsement for elementary education teachers. A general description of the Junior High/Middle School endorsement appears under the Department of Elementary and Early Childhood Education sections found elsewhere in this Catalog.

Supporting Area: Basic communication skills: minimum of 6 hours. History, culture, and lifestyle: minimum of 4 hours. Electives: 10 hours. Specific courses for meeting the requirements and for the remaining hours in directed electives are to be selected in consultation with the advisor in the Department of Languages, Literatures, and Linguistics.

## Teaching English as a Second Language Licensure (24 semester hours)

Licensure in Teaching English as a Second Language may be added to any instructional license by completing the requirements for the Minor in Department of Languages, Literatures, and Linguistics with the following courses as directed electives: Ling 210, Eng 310 or Ling 311, Ling 316, Ling 413, Ling 417, and English 280. Coverage is K-12.

NEW CATALOG COPY

## Major in Languages, Literatures, and Linguistics (39 semester hours)

## Core Requirements for all major options (Liberal Arts and Teaching)

Required courses: LLL 200--3 hrs; LLL 400--3 hrs
Additional Requirements: A minimum 2.5 GPA in all LLL course work must be maintained. No coursework below the 200-level may be counted toward the major.

## Minor in Languages, Literatures, and Linguistics (24 semester hours)

## Core Requirements for all minor options (Liberal Arts and Teaching)

Required course: LLL 200--3 hrs.
Additional Requirements: A minimum 2.5 GPA in all LLL course work must be maintained. No coursework below the 200-level may be counted toward the minor except for Classical Studies.

## LIBERAL ARTS CURRICULA

Major in Languages, Literatures, and Linguistics (39 semester hours)

## Single Language Option (French, German, or Spanish)

## Core Requirements (see above)

Additional Requirements: 33 hours in the primary language area (French, German, or Spanish) to be distributed as follows: 201--3 hrs.; 202--3 hrs. or equivalent of these two courses[(which have as prerequisites 101 and 102 or equivalent level of proficiency)]; 301--3 hours, 303--3 hours, 3 hours of culture at the 300/400 level, plus 18 additional hours of electives at the 300/400 level.

## Cross-linguistic Option

Course work in the cross-linguistic option may be distributed across two or three languages or linguistic areas from within the Department where sufficient course work is available, for example Spanish and French, or Linguistics, German, and Japanese.

Core Requirements (see above)
Additional Requirements: 33 hours of additional course work from within the Department, 18 of which must be at the 300/400 level.

## Minor in Languages, Literatures, and Linguistics (24 semester hours)

## Single Language Option (French, German, Latin, or Spanish)

## Core Requirements (see above)

Additional Requirements: 21 hours in the primary language area (French, German, Latin, or Spanish) to be distributed as follows: 201--3 hrs.; 202--3 hrs. or equivalent of these two courses[(which have as prerequisites 101 and 102 or equivalent level of proficiency)]; 301--3 hours or 303--3 hours (In Latin 301--3 hrs. or any readings course at the 300-level.) plus 12 additional hours of electives at the 300/400 level.

## Linguistics/TESL Option

## Core Requirements (see above)

Additional Requirements: 21 hours to be distributed as follows: 201--3 hrs. and 202--3 hrs. [(which have as prerequisites 101 and 102 or equivalent level of proficiency)] in a single language; LING 210--3 hrs., plus 12 hours of electives in Linguistics.

## Classical Studies Option

## Core Requirements (see above)

Additional Requirements: 21 hours to be distributed as follows: 15 hours in Ancient Greek or Latin to include Latin 215 plus 6 hours from appropriate courses, with the advisor's approval, offered by this department and/or the departments of History, Humanities, and Philosophy.

## TEACHING CURRICULA

## Major in Languages, Literatures, and Linguistics (39 semester hours)

## Single Language Option (French, German, or Spanish)

## Core Requirements (see above)

Additional Requirements: 33 hours in the primary language area (French, German, or Spanish) to be distributed as follows: 201--3 hrs.; 202--3 hrs. or equivalent of these two courses [(which have as prerequisites 101 and 102 or equivalent level of proficiency)]; 301--3 hours, 303--3 hours, 3 hours of culture at the 300/400 level, plus 18 additional hours of electives at the 300/400 level. NOTE: For purposes of licensure, students pursuing the major on the teaching track must include in their 33 hours at least 3 hours of 300/400-level coursework in literature within the primary area. LING 316, LLL 460, or LLL 490 (as approved by the advisor) is also required.

## Minor in Languages, Literatures, and Linguistics (24 semester hours)

Single Language Option (French, German, Latin, or Spanish)

## Core Requirements (see above)

Additional Requirements: 21 hours in the primary language area (French, German, Latin, or Spanish) to be distributed as follows: 201--3 hrs.; 202--3 hrs. or equivalent of these two courses [(which have as prerequisites 101 and 102 or equivalent level of proficiency)]; 301--3 hrs. plus 12 additional hours of electives at the 300/400 level. NOTE: For purposes of licensure, students pursuing the minor on the teaching track must include in their 21 hours at least 3 hours of 300/400-level coursework in literature within the primary area. In addition to the 21 hours, LING 316, LLL 460, or LLL 490 (as approved by the advisor) is also required.

## Linguistics/TESL Option

Core Requirements (see above)

Additional Requirements: 21 hours to be distributed as follows: 201--3 hrs. and 202--3 hrs[(which have as prerequisites 101 and 102 or equivalent level of proficiency)] in a single language; LING 210-- 3 hrs., plus 12 hours of electives in Linguistics/TESL. For purposes of licensure in English as a New Language directed electives are Eng 310--3 hrs., or Ling 311--3 hrs., Ling 413--3 hrs. or Ling 415--3 hrs., LING 417-- 3 hrs. In addition, LING 316, LLL 460, or LLL 490 (as approved by the advisor) is also required. Coverage is K-12.

## Language Specialist Honors Certificate

Students earning the Bachelor of Arts in Languages, Literatures, and Linguistics with the single language option may receive the Language Specialist Honors Certificate by fulfilling the following two requirements:

1) Successful completion of an appropriate study abroad experience of at least 5 weeks in duration or equivalent approved experience.
2) (a) Maintenance of a minimum grade point average of 3.5 in all course work applied to the major or (b) Completion of a nationally-recognized language exam in the primary area (e.g. of those administered by the Goethe Institute in German or the American Association of Teachasof Spanish in Spanish) with a level of performance to be specified by the Department.

## SCHOOL OF EDUCATION: Curriculum, Instruction, \& Media Technology

Professional Education Sequence
Senior High - Junior High/Middle School Education

## Executive Summary:

The current professional education sequence for Senior High-Junior High/Middle School Education includes 28 credit hours offered by departments in the School of Education. The proposal moves 4 of those hours from regular coursework to student teaching. The proposal reduces the regular coursework offered by the Department of Curriculum, Instruction, and Media Technology from 14 to 10 and reconfigures those hours through course revisions.

## Rationale:

The new teacher licensure framework in Indiana specifies that each beginning teacher meet a set of general standards for beginning teachers (known as the INTASC standards), a set of content standards for each of the subject areas in which the individual wishes to be eligible to teach, and one or two sets of developmental standards for each of the school levels at which the individual wishes to be eligible to teach. For students in a teaching major associated with the Senior High - Junior High/Middle School Education program, the relevant sets of developmental standards are those for early adolescence and those for adolescence and young adulthood. The University's teacher education faculty has determined that a student teaching experience in a middle school and one in a high school will be necessary for a student to meet both of these
sets of developmental standards. Because eight weeks is considered the minimum length of a meaningful student teaching experience, the decision has been made to change student teaching from 10 weeks to 16 weeks, with 8 weeks in a middle school and 8 in a high school. Partly because some student teachers need to have student loans that necessitate carrying at least 12 -hour load and partly because arranging and supervising two student teaching placements requires far more faculty time than one placement, the credit hours associated with student teaching must change from 8 to 12 . To maintain the 28 -hour total for the School of Education hours in the professional sequence of the Senior High-Junior High/Middle School program, the Department of Curriculum, Instruction, and Media Technology has chosen to reduce to 10 hours the regular coursework that it offers on the program and to reconfigure those hours through course revisions.

## OLD CATALOG COPY

Professional Education (30-32 semester hours)
A grade of C or better is required in each course as well as a minimum grade point average of 2.5 in all course work applicable to this area.

Required courses: Educational Psychology 202--3 hrs.; Curriculum, Instruction, and Media Technology 200--3 hrs.; 300--3 hrs.; 347--1 hr.; 368--3 hrs.; 400--2 hrs.; 401--8 hrs.; 442--2 hrs.; major methods 2-4 hours; Special Education 226--3 hrs. or Communication Disorders 314--3 hrs.

The following courses are to be completed in three successive phases as follows: Phase I (200, Educational Psychology 202--taken concurrently except by permission); Phase II (300 blocked with 368, 347); Phase III (400, 401, 442). Students must complete the courses in each phase before enrolling in courses in the next phase. Admission to the Teacher Education Program, Level I, is needed prior to enrollment in Phase II; admission to Level II is needed prior to Phase III. Major methods courses may be taken in either Phase II or Phase III, but must be completed prior to student teaching. Special Education 226 or Communication Disorders 314 may be completed any time after Phase I. Special Education 226 or Communication Disorders 314 will be waived for students completing a minor in Special Education.

## NEW CATALOG COPY

Professional Education (30-32 semester hours)
A grade of C or better is required in each course as well as a minimum grade point average of 2.5 in all course work applicable to this area.

Required courses: Educational Psychology 202--3 hrs.; Curriculum, Instruction, and Media Technology 301-- 3 hrs.; 302-- 3 hrs.; 400--3 hrs.; 400L--1 hr.; 401--11 hrs.; one of 402--1 hr., Administrative Systems and Business Education 402--1 hr. (for business education majors only), English 401--1 hr. (for English majors only), Family and Consumer Sciences 401--1 hr. (for family and consumer sciences majors only), Languages, Literatures, and Linguistics
402--1 hr. (for foreign language majors only), Social Studies-- 1 hr . (for social studies majors only); major methods 2-4 hours; Special Education 226--3 hrs.

The following courses are to be completed in four successive phases as follows: Phase I (Educational Psychology 202); Phase II (301 blocked with 302); Phase III (400 blocked with 400L); Phase IV (401 and 402 or approved equivalent). Students must complete the courses in each phase before enrolling in courses in the next phase. Admission to Becoming a Complete Professional \# 1 is needed prior to enrollment in Phase II; admission to Becoming a Complete Professional \# 2 is needed prior to Phase III; admission to Becoming a Complete Professional \#3 is needed prior to Phase IV. Major methods courses may be taken in either Phase II or Phase III as required or recommended by the major department, but must be completed prior to Phase IV. Special Education 226 may be completed during Phase I, Phase II, or Phase III.
Preferred Effective Term: Fall 2002

## SCHOOL OF EDUCATION: Curriculum, Instruction, \& Media Technology

 Professional Education Sequence All-Grade Education
## Executive Summary:

The current professional education sequence for All-Grade Education includes 28 credit hours offered by departments in the School of Education. The proposal moves 4 of those hours from regular coursework to student teaching. The proposal reduces the regular coursework offered by the Department of Curriculum, Instruction, and Media Technology from 14 to 9 credit hours and reconfigures those hours through course revisions. The proposal adds 3 credit hours in the Department of Elementary and Early Childhood Education.

## Rationale:

The new teacher licensure framework in Indiana specifies that each beginning teacher meet a set of general standards for beginning teachers (known as the INTASC standards), a set of content standards for each of the subject areas in which the individual wishes to be eligible to teach, and one or two sets of developmental standards for each of the school levels at which the individual wishes to be eligible to teach. For students in a teaching major associated with the All-Grade Education program, the relevant sets of developmental standards are those for early childhood, those for middle childhood, those for early adolescence, and those for adolescence and young adulthood. The University's teacher education faculty has determined that a student teaching experience in an elementary school and one in a middle or high school or an extended multilevel experience will be necessary for a student to meet all of these sets of developmental standards. Because eight weeks is considered the minimum length of a meaningful student teaching experience, the decision has been made to change student teaching from 10 weeks to 16 weeks, with 8 weeks in an elementary school and 8 in a middle or high school or with the full 16 weeks in an assignment involving at least one elementary school and one middle or high school. Partly because some student teachers need to have student loans that necessitate carrying at least 12 -hour load and partly because arranging and supervising two student teaching placements requires far more faculty time than one placement, the credit
hours associated with student teaching must change from 8 to 12 . The complexity of the developmental standards for early childhood and those for middle childhood also makes essential the addition of a course dealing with the elementary school, which will be offered by the Department of Elementary and Early Childhood Education. To minimize the credit-hour total for the School of Education hours in the professional education sequence of the All-Grade Education program, the Department of Curriculum, Instruction, and Media Technology has chosen to reduce from 14 to 9 hours the regular coursework that it offers on the program and to reconfigure those hours through course revisions.

## OLD CATALOG COPY

Professional Education (30-31 semester hours).

A grade of C or better is required in each course as well as a minimum grade point average of 2.5 in all course work applicable to this area.

Required courses: Educational Psychology 202--3 hrs.; Curriculum, Instruction, and Media Technology 200--3 hrs.; 300-3 hrs.; 347--1 hr.; 368--3 hrs.; 400--2 hrs.; 401--8 hrs.; 442--2 hrs.; major methods 2-3 hours.; one of Special Education 226--3 hrs.; Communication Disorders 314--3 hrs.; Music 418--2 hrs. (for music majors only), Physical Education 497--3 hrs. (for physical education majors only).

The following courses are to be completed in three successive phases as follows: Phase I (200, Educational Psychology 202--taken concurrently except by permission); Phase II (300 blocked with 368, 347); Phase III (400, 442, 401). Students must complete the courses in each phase before enrolling in the courses in the next phase. Admission to the Teacher Education Program, Level I, is needed prior to Phase II; admission to Level II is needed prior to Phase III. Major methods courses may be taken in either Phase II or Phase III but must be completed prior to student teaching. Special Education 226, or Communication Disorders 314, may be completed any time after Phase I. Special Education 226 will be waived for students completing a minor in Special Education.

## NEW CATALOG COPY

Professional Education (32-33 semester hours).

A grade of C or better is required in each course as well as a minimum grade point average of 2.5 in all course work applicable to this area.

Required courses: Educational Psychology 202--3 hrs.; Elementary Education 225-- 3 hrs.; Curriculum, Instruction, \& Media Technology 301-3 hrs.; 302--3 hrs.; 350--3 hrs.; 401--11 hrs.; one of 402--1 hr., Music 496--1 hr. (for music majors only); major methods 2-3 hours.; one of Special Education 226--3 hrs; Music 418--2 hrs. (for music majors only), Physical Education 497--3 hrs. (for physical education majors only).

The following courses are to be completed in three successive phases as follows: Phase I (Educational Psychology 202 and Elementary Education 225); Phase II (301 blocked with 302); Phase III (401 and 402 or approved equivalent). Students must complete the courses in each phase before enrolling in the courses in the next phase. Admission to Becoming a Professional \# 1 is needed prior to Phase II; admission to Becoming a Professional \# 3 needed prior to Phase III. Major methods courses may be taken in either Phase I or Phase II as required or recommended by the major department, but must be completed prior to Phase III. Curriculum, Instruction, \& Media Technology 350 and Special Education 226, Music 418, or Physical Education 497 may be completed during Phase I or Phase II as required or recommended by the major department.
*Preferred Effective Term: Fall 2002

## COURSES TO BE BANKED

## COLLEGE OF ARTS \& SCIENCES: Chemistry

CHEM 107 General Chemistry I for Majors--3 hours. A study of basic concepts in chemistry including: atomic structure, chemical bonding, models, stoichiometry, gas laws, and thermochemistry. Prerequisites: prior completion of the Basic Studies General Education requirement in Mathematics, and concurrent enrollment in 107L. [GE89: General Education Credits: assigned for non-majors if taken in sequence with 108 and 108L, A6]

CHEM 107L General Chemistry I Laboratory for Majors--1 hour. A weekly three-hour laboratory course, including inorganic syntheis, gas laws, and calorimetric measurements. Coerequisites: concurrent enrollment in 107.

CHEM 108 General Chemistry II for Majors--3 hours. A continuation of 107. Topics include: solid and liquid states, solutions, chemical kinetics, chemical thermodynmaics, electrochemistry, and aqueous equilibria. Prerequisites: 107 and 107L, and concurrent enrollment in 108L. [GE89: General Education Credits: assigned for non-majors if taken in sequence with 108 and 108L, A6]

CHEM 108L General Chemistry II Laboratory for Majors--1 hour. A continuation of 107L including qualitative elemental analysis. Prerequisites: 107, 107L, and concurrent enrollment in 108.

## COURSES DELETIONS

## COLLEGE OF ARTS \& SCIENCES: African \& African American Studies

AFRI 313 African American History to 1890-3 hours. The African heritage of African Americans, their role and status in the United States, and their contributions to the development of the country to 1890. (Also listed as History 333.) General Education Credits [GE89: B1, D1, E1]

AFRI 323 African American History, 1890 to Present - $\mathbf{3}$ hours. The African Americans' history in modern United States, emphasizing urbanization, the sources and styles of Black leadership, civil rights movements, and the varied forms of Black nationalism. (Also listed as History 334.) General Education Credits [GE89: B1, D1, E1]

## COLLEGE OF ARTS \& SCIENCES: History

HIST 333 African American History to 1890-3 hours. The African heritage of African Americans, their role and status in the United States, and their contributions to the development of the country to 1890. (Also listed as African and African American Studies 313.) General Education Credits [GE89: B1, D1, E1]

HIST 334 African American History, 1890 to Present - $\mathbf{3}$ hours. The African Americans' history in modern United States, emphasizing urbanization, the sources and styles of Black leadership, civil rights movements, and the varied forms of Black nationalism. (Also listed as African and African American Studies 323.) General Education Credits [GE89: B1, D1, E1]

## COURSE REACTIVATIONS

## COLLEGE OF ARTS \& SCIENCES: Languages, Literatures, \& Linguistics

LATIN 216 The Latin Element in English - 3 hours. Introduction of Latin words into English; Latin and Greek prefixes, suffixes, roots, and stems, with attention to scientific, medical, and legal terms.
*Preferred Effective Term: Summer 2002

## GRADUATE APPROVALS

## COURSE REVISIONS

## COLLEGE OF ARTS \& SCIENCES: English

ENG 524* Advanced Creative Writing - 3 hours. Intensive training in writing fiction, poetry, or drama. May be repeated for credit. Prerequisite: 324 W or 325 W or 326 W as appropriate or consent of instructor.
Change description and prerequisites to:
ENG 524* Advanced Creative Writing - 3 hours. Intensive training in writing fiction, creative nonfiction, poetry, or drama. May be repeated for credit. Prerequisite: 324 or 325 or 326 as appropriate or consent of instructor.
*Course has an underg raduate level equivalent

## CORRECTIONS

***The following is a correction a correction of the text that appeared as a PROPOSAL in the November 12, 2001 issue of Academic Notes. The corrected portion is shown in [bold-italics within bold-italic brackets].

# UNDERGRADUATE PROPOSALS 

## COURSE REVISIONS

## COLLEGE OF ARTS \& SCIENCES: Psychology

PSY 486 Research in Psychology - 3 hours. Students engage in closely supervised research in an area of psychology such as learning, perception, physiology, animal behavior, personality, or psycholinguistics. May be repeated for credit if taken in a different area. Prerequisites: 375 and 376 as well as appropriate content course or consent of instructor.
[Change description and prerequisites to:
PSY 486 Research in Psychology-3 hours. Students engage in closely supervised research in an area of psychology such as learning, perception, physiology, animal behavior, personality, cognition, or development. May be repeated for credit. Prerequisites: 375 as well as appropriate content course or consent of instructor.]
*Preferred Effective Term: Fall 2002

## PROGRAM REVISIONS

## COLLEGE OF ARTS \& SCIENCES: Chemistry <br> Teaching Curricula Chemistry Primary Area Major <br> Supporting Minor Area

## Executive Summary:

-CHEM 105(3 hrs.) and CHEM 105L (1 hr) will be explicitly required for the CHEM emphasis program as well as for dual science program involving CHEM in Teacher Education. -CHEM 107(3 hrs) and CHEM 107L(1hr); CHEM 108 (3 hrs) and CHEM 108L (1 hr) is not being offered any more by the department.

## Rationale:

Although only CHEM 106 and 106L have been previously listed formally as requirements, the complete CHEM 105 \& 105L series is expected as basic preparation for all students in CHEM, including those
involved in Teacher Education. This universal understanding has been applied uniformly by both CHEM advisors and Science Education advisors as far as anyone can remember. We now wish to make this expectation explicit in the catalog. Although this "explicitly" adds 4 hours to the CHEM emphasis area, it is in essence no change in total load, as completing this course series has always been expected.

Finally, for clarity, we have included modifications to the catalog copy of listed pre-requisites in order to correct prior omissions. For instance, certain mathematics classes must be taken, but they had not previously appeared in the list of prerequisites.

This modification to the CHEM emphasis is partly a response to Teacher Education initiatives set forth by the NCATE and IPSB organizations. Also, CAAC requested all programs to advertise all hidden prerequisites to unlock these changes addressed. Also, the deletion of the "SERIES" rule has brought about some changes: students can count the "General Requirement ( 12 semester hours)" taken in the major and minor as well as completing General Education requirement of Scientific and Mathematics Studies.

## CURRENT CATALOG COPY

Primary Area on Teaching Major (25 semester hours)

Required Chemistry: 108--3 hrs.; 108L--1 hr.; 310--1 hr.; 321--4 hrs.; 351--3 hrs.; 351L--1 hr.; 352--3 hrs.; 352L--1 hr.; 431--3 hrs.; 431L--1 hr.; 465--4 hrs.
Prerequisite Mathematics: 115--3 hrs.; 131--4 hrs.; Computer Science 151--3 hrs.
Supporting Area on Teaching Major (20 semester hours)
Required Chemistry: 108--3 hrs.; 108L--1 hr.; 321--4 hrs.; 351--3 hrs.; 351L--1 hr.; 352--3 hrs.; 352L--1 hr.; 465--4 hrs.
Prerequisite Mathematics: 115--3 hrs.; 131--4 hrs.; Computer Science 151--3 hrs.

## PROPOSED CATALOG COPY

Chemistry Teaching Major (29 semester hours)
Required Chemistry: $105-3 \mathrm{hrs} . ; 105 \mathrm{~L}-1 \mathrm{hr}$.; 106-3 hrs.; 106L-1 hr.;[410]--1 hr.; 321--4 hrs.; 351--3 hrs.; 351L--1 hr.; 352--3 hrs.; 352L--1 hr.; 431--3 hrs.; 431L--1 hr.; 465--4 hrs.
Prerequisites ( 10 hours):
Mathematics 115--3 hrs.; 131--4 hrs.; Computer Science 151--3 hrs.
Required Professional Courses in the College of Arts and Sciences (3): SCED 396 -2 hours: 402-1 hour.

Required Professional Courses in the School of Education (30): See the Science Education section of this Catalog.

ChemistryTeaching Minor (24 semester hours)

Required Chemistry: $105-3$ hrs.; 105L-1 hr.; 106-3 hrs.; 106L-1 hr.; 321--4 hrs.; 351--3 hrs.; 351L--1 hr.; 352--3 hrs.; 352L--1 hr.; 465--4 hrs.
Prerequisites $\mathbf{1 0}$ hours):
Mathematics 115-- 3 hrs.; 131--4 hrs.; Computer Science 151--3 hrs.
Required Professional Courses: Met by major teaching area requirements.

