



Academic Notes

MARCH 19, 2001

AN 2000-2001

*****FINAL NOTICES*****

FACULTY ATTENDANCE AND ACADEMIC APPAREL* ORDER FORMS

Attached to the back of this issue is a form concerning Honor Day Convocation and Spring Commencement. Please detach these forms and send the Faculty Attendance Form (**by Today, March 19, 2001**) to:

MR. ROBERT WILLIS
OFFICE OF ACADEMIC AFFAIRS
PARSONS HALL, ROOM 208

Faculty members needing to rent academic apparel for these events, please fill out the Academic Apparel Order Form and send it to:

MR. SCOTT CHANDLER
ISU BOOKSTORE

***Rental forms received now are automatically charged a late fee of \$5.00.**

SPECIAL NOTICES

ACADEMIC NOTES PUBLICATION SCHEDULE FOR THE SPRING 2001 SEMESTER

Below is the circulation schedule for the hard copy of *Academic Notes* through May 7, 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 a diskette with the same information in Microsoft Word format. Failure to submit a diskette containing this information will delay publication.** An electronic version of *Academic Notes* is available using Acrobat Reader
SPECIAL NOTICES – Academic Notes Publication Schedule: continued

via the ISU Web Page at – <http://web.indstate.edu/acadnotes/> –.

ACADEMIC NOTES PUBLICATION SCHEDULE

<u>Deadline for Items</u>	<u>Issue Date</u>
March 21	March 26
March 28	April 2*
April 4	April 9
April 11	April 16*
April 18	April 23
April 25	April 30*
May 2	May 7

Please call Tiffany Trass at extension 3662 with any questions pertaining to the submission of information on a diskette.

FACULTY GOVERNMENT

FACULTY SENATE EXECUTIVE COMMITTEE REPORT FOR MARCH 13, 2001

The Faculty Senate Executive Committee met at 3:15 p.m. in the Hulman Memorial Student Union (HMSU), Room 227.

Interim Provost Hopkins reported that the Commission for Higher Ed. had approved the new Information Technology major, but that the outlook for other than a "flat-line" budget was bleak. He noted that he will present a five-year budget plan, which will include redirection of resources to address compensation issues, to President Benjamin on 3/30.

He confirmed that President Benjamin will take to the Board of Trustees, with his endorsement, the proposal to name an athletic field after Steven Kennedy.

In response to a question, Hopkins confirmed that individual faculty personnel files are open to inspection by those faculty.

Chair Bell distributed and explained a salary comparison chart documenting the relationship between ISU administrative and faculty salaries and those of Category IIA universities, noting that the chart was available at the Faculty Senate website: www.senate.indstate.edu.

After considerable discussion, the Committee approved the General Industrial Technology major, the Academic Calendar for 2003-04, an amended version of the AAC recommendations on the Locus of
FACULTY GOVERNMENT – Faculty Senate Executive Committee Report: continued

Control (General Education Council and Coordinator) document, two FEBC recommendations on the need for a "systematic outcomes assessment plan" to address salary concerns, and received, for action by the full Senate, a revised FEBC resolution regarding distribution of funds to relieve salary inequities.

FACULTY SENATE EXECUTIVE COMMITTEE

The Faculty Senate Executive Committee will meet at 3:15 p.m. on Tuesday, March 20, 2001 in the Hulman Memorial Student Union (HMSU), Room 227.

AGENDA

- I. Administrative Report
- II. Chair Report
- III. Fifteen Minute Open Discussion
- IV. Approval of the Minutes
- V. Standing Committee Reports
- VI. Old Business
- VII. New Business

THESES, DISSERTATIONS, & RESEARCH PROJECTS

COLLEGE OF ARTS & SCIENCES

CHEMISTRY

Ms. Lin Chen will defend her thesis entitled, *Effects of Protease Inhibitors on the Extraction of Mushroom Tyrosinase*, at 9:00 a.m. on Thursday, April 5, 2001 in the Science Building, Room 054. The members of her committee are Dr. William Flurkey, Chairperson, Dr. Richard Kjonaas, and Dr. Laurence Rosenhein.

SCHOOL OF EDUCATION

COUNSELING

Mr. Barry Vesciglio will defend his dissertation entitled, *The Effect of Individual Counseling and on Hope and It's Impact on the Utilization of Services by Individuals with HIV Disease*, at 1:30 p.m. on Wednesday, March 21, 2001 in the School of Education, Room 1314. The members of his committee are Dr. I. Michael Shuff, Chairperson, Dr. Veanne Anderson, Dr. Reece Chaney, and Dr. Christine Mac Donald.

THESES, DISSERTATIONS, & RESEARCH PROJECTS – School of Education: continued

EDUCATIONAL LEADERSHIP, ADMINISTRATION, AND FOUNDATION

Ms. Debra Staley Howe will defend her dissertation entitled, *A Quantitative Study of the Strategies Used in the Portage Township Elementary Schools to Develop Student Responsibility for Their Own Behavior*, at 11:00 a.m. on Friday, March 30, 2001 in the School of Education, Room 1203. The members of her committee are Dr. Robert Boyd, Chairperson, Dr. Robert George, and Dr. Greg Ulm.

Ms. Susan Katz will defend her dissertation entitled, *Women Superintendents' Perceptions of Their Leadership Practices and Use of Power*, at 3:00 p.m. on Friday, March 23, 2001 in the School of Education, Room 1214. The members of her committee are Dr. Greg Ulm, Chairperson, Dr. Joanne Burrows, and Dr. Doris Williams.

Mr. Thomas R. Rios will defend his dissertation entitled, *Successful First-Generation College Students at Indiana State University*, at 9:30 a.m. on Tuesday, April 3, 2001 in the School of Education, Room 1203. The members of his committee are Dr. Ron Leach, Chairperson, Dr. Joanne Burrows, and Dr. Kevin Snider.

EDUCATIONAL AND SCHOOL PSYCHOLOGY

Mr. Chris Baldwin will defend his dissertation entitled, *Achievement Goals and Exam Performance: An Exploration of the Role of Study Strategies and Anticipatory Test Anxiety*, at 10:00 a.m. on Friday, March 23, 2001 in the School of Education, 11th Floor Large Conference Room. The members of his committee are Dr. Christy Coleman, Chairperson, Dr. Edward Kirby, and Dr. Elizabeth O'Laughlin.

FIELD TRIPS

COLLEGE OF ARTS & SCIENCES: Family and Consumer Sciences

Students from Family and Consumer Sciences 455 – American Interiors and Furniture and 497I – Special Problems in Interior Design and/or Housing, will be taking a field trip on Tuesday, March 20, 2001, to Indianapolis to interview interior design professionals at Ratio Architects and to view current architectural projects of adaptive reuse. A list of participating students is available from the Family & Consumer Sciences Department. Students are scheduled to leave for Indianapolis at 7:30 a.m. and return at approximately 6:00 p.m.

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Recreation & Sport Management

Students from Recreation and Sport Management 262 – Outdoor Living Skills, will be taking a field trip on Sunday, March 18, 2001 to Henryville, Indiana for a backpacking trip. A list of participating students is available in the Department of Recreation and Sport Management. Students are *FIELD TRIPS – Recreation & Sport Management: continued*

scheduled to leave at 3:30 p.m. on Sunday, March 18 and will return at 8:00 p.m. on Tuesday, March 20, 2001. Students will be taking university vans there and back, along with faculty.

UNDERGRADUATE CURRICULUM PROPOSALS

NEW COURSES

COLLEGE OF ARTS & SCIENCES: History

- HIST 320** **Comparative Slavery – 3 hours.** This course examines the history of slavery in the modern world. An institution that existed in much of the world until very recently, slavery had a profound impact on the transfer of ideas and culture around the globe. Slaves—European, Asian, American Indian, and African—were bought and sold, abused and tortured; they also developed their own communities and found ways to survive, even to flourish and to create their own, albeit mixed, culture. As an institution of infinite variety, to study slavery is to study the world's cultures and remarkable diversity. This course will give students insight into different societies and civilizations, and help gain an appreciation for the ways in which culture is transferred and transformed over time and space.
- HIST 358** **The Atlantic World, 1500-1820 – 3 hours.** Introduces the concept of an Atlantic World as a focus for study. Key integrative and interpretive themes and trends will be considered, including European exploration and expansion into the Atlantic, imperialism and colonialism, the emergence of an Atlantic economy and trade, intercultural interaction and exchange, and the establishment of the African slave trade and the plantation economy. The Atlantic World, as it emerged during the 16th, 17th, and 18th centuries was a complex community of communities, tied together by a web of relationships--personal, political, cultural, and commercial--and was in a sense a quintessential early modern multicultural community.

COLLEGE OF ARTS & SCIENCES: Mathematics & Computer Science

- CS 170** **Web Programming – 3 hours.** An introduction to WWW programming methods and scripting languages. Includes Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), Dynamic Hypertext Markup Language (DHTML), JavaScript and VBScript. Prerequisites: CS 151 and CS 256.
- CS 260** **Object Oriented Programming – 3 hours.** Object oriented programming concepts and methods. Includes encapsulation, data abstraction, class development, instantiation, constructors, destructors, inheritance, overloading, polymorphism, libraries and packages. Prerequisite: CS 256.

UNDERGRADUATE PROPOSALS – New Courses – Math & Computer Science: continued

- CS 320** **Java Software Development – 3 hours.** Fundamentals and applications of the Java language. Java classes and packages, data types, control structures, methods, arrays, strings, applets, graphics, threads, GUI development, utility packages, collections,

exception handling, files and streams, intro to Java networking, servlets, and Java Beans. Prerequisite: CS 260 or MIS 355.

CS *468 NT Server Administration and Networking – 3 hours. This hands-on course covers the complete process of installation, configuration, and administration of both the NT4 Server software and the Windows 2000 Server software. Includes actual set-up of a physical network including the design and installation of network interface cards, hubs, cables, servers, and workstations. Also includes installation and configuration of TCP/IP, CHCP, DNS, WINS, IIS, FTP as well as important administrative tasks including the establishment of user roles, groups and security, file protection, configuring clients, tuning backups, and establishment of intranet and internet connections and security. This course can be used as preparation for Microsoft Server MCSE certification exams. Prerequisites: CS 467 or MIS 430 or ECT 353.

**Course has a graduate level equivalent*

CS *469 Unix/Linux Administration and Networking – 3 hours. Includes installation and configuration of Unix/Linux operating system software; set-up of hardware and software for Unix/Linux networking including TCP/IP, FTP, Telenet, DNS, DHCP, and Apache; Unix/Linux administration tasks including directories, users, tuning, backup, security, and networking. Prerequisite: CS 467 or MIS 430 or ECT 353.

**Course has a graduate level equivalent*

CS *472 Advanced Networking and Inter Connectivity – 3 hours. Advanced local area networking and enterprise networking concepts. Includes interconnectivity between NT and Unix/Linux servers and workstations; multi-tier hardware configurations; enterprise networking and trust relationships; and wireless networking. Prerequisites: CS 468 or MIS 431 and CS 469.

**Course has a graduate level equivalent*

CS *479 Web Programming II – 3 hours. Advanced programming for the WWW and the Internet. This course includes three approaches: the older CGI/PERL, Microsoft's Active Server Pages (ASP), and Sun's Java Server Pages (JSP). The course also includes the setup and configuration of WWW servers including Apache and Microsoft's IIS. Prerequisites: CS 170 and CS 320.

**Course has a graduate level equivalent*

CS *481 Client/Server and n-tier Database Utilization – 3 hours. Methods of accessing databases such as Oracle and Microsoft SQL Server. Includes actual software installations and configurations of backend databases on network servers and installations and configurations of client software on workstations; networking protocols used by databases; setup and configurations of 3-tier (and n-tier) servers,

UNDERGRADUATE PROPOSALS – New Courses – Math & Computer Science – CS 481: continued

applications, and databases. Prerequisites: CS 477 and CS 467 or MIS 430 or ECT 353.

**Course has a graduate level equivalent*

CS *483 Database Development for the Web – 3 hours. Methods and programming for the access of databases over the WWW. Includes Open Database Connectivity (ODBC), OLD_DB, Java Database Connectivity (JDBC), advanced ASP, Active-X Database Objectives (ADO), advanced JSP, Java Servlets, and JavaBeans. Database connections, recordsets, and commands. Prerequisites: CS 477 and CS 479.

**Course has a graduate level equivalent*

CS *484 Complete e-Commerce Site Development – 3 hours. A project development course which requires the complete software development of an e-Commerce site including advanced design, client-side and server-side coding, log-ins and security, storefront pages, cookies, shopping cart, extensive database connectivity and utilization, credit cards, order processing, order tracing, SSL and other security requirements. Prerequisite: CS 483.

**Course has a graduate level equivalent*

COLLEGE OF ARTS & SCIENCES: Political Science

PSCI 479* East Asia in World Politics – 3 hours. An examination of the international relations of the countries of East Asia with the great powers and among themselves. Emphasis is on the Cold War and post-Cold War eras.

**Course has a graduate level equivalent*

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Recreation & Sport Management

RCSM 363L Design and Facilitation of Adventure Challenge Experiences Laboratory – 2 hours. Laboratory is located at the ISU Field Campus in Brazil, IN and will require participation in two separate weekends (Saturday & Sunday) for approximately 8 hours per day. Students will be involved in activities as both participants and co-facilitators learning to safely and effectively conduct activities that will include cooperative large group games, field-based initiatives, and group development challenge course elements. Prerequisite: concurrent enrollment in RCSM 363.

COURSES FOR GENERAL EDUCATION CONSIDERATION

The following course proposals have been received for General Education Consideration. Following the course title is an identification (in brackets) of the General Education Credit being distributed to the course under the GE2000 modified program.

UNDERGRADUATE PROPOSALS – Courses for General Education Consideration: continued

COLLEGE OF ARTS & SCIENCES: History

HIST 320 Comparative Slavery – 3 hours. *[Multicultural Studies, International Cultures]*

HIST 358 The Atlantic World, 1500-1820 – 3 hours. *[Multicultural Studies, International Academic Notes*

SCHOOL OF TECHNOLOGY: Manufacturing and Construction Technology

MCT 295 **Introduction to Computer Applications – 3 hours.** *[Information Technology Literacy]*

COURSE REVISIONS

COLLEGE OF ARTS & SCIENCES: History

HIST *411 **The Colonial Experience – 3 hours.** The Colonies: settlement, development, culture, and conflict through the Revolutionary era. Prerequisite: 201 or equivalent.

Change description to:

HIST *411 **The Colonial Experience – 3 hours.** Early American history from the earliest contacts between Europeans and Native Americans in the sixteenth century to about 1750, including discovery, settlement, and political, social and cultural developments in the British colonies. Prerequisites: 201 or equivalent.

**Course has a graduate level equivalent*

HIST *413 **The New Nation, 1783-1825 – 3 hours.** The formation of the new American nation and its political economic, social, cultural, and institutional development during its first generation.

Change title, description, and prerequisites to:

HIST *413 **Revolutionary America – 3 hours.** Introduces the major themes and trends in the history of Revolutionary America from about 1750 to 1815. Surveys a variety of interpretations of the Revolution and the early national period. Topics include the Seven Years' War, the Revolution, and the formation of the new nation and its political economic, social, cultural, and institutional development through the War of 1812. Prerequisites: 201 or 411 or equivalent.

**Course has a graduate level equivalent*

SCHOOL OF BUSINESS: Analytical

BUS 205 **Business Statistics I – 3 hours.** An introductory business statistics course dealing both with populations and processes. Topics covered include graphical concepts, measures of central tendency and dispersion, basic probability concepts, random variables (both discrete and continuous), central limit theorem, hypothesis testing and confidence intervals on means and proportions, and control charts for proportions,

UNDERGRADUATE PROPOSALS – Course Revisions – Business 205: continued

means, and variation. Prerequisites: Math 111, or 115, or a calculus course.

Change prerequisites to:

BUS 205 **Business Statistics I – 3 hours.** An introductory business statistics course dealing both with populations and processes. Topics covered include graphical concepts, measures of central tendency and dispersion, basic probability concepts, random variables (both discrete and continuous), central limit theorem, hypothesis testing and

confidence intervals on means and proportions, and control charts for proportions, means, and variation. Prerequisites: 170 and Math 111, or 115, or a calculus course.

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Recreation & Sport Management

RCSM 363 Administration and Facilitation of Rope and Team Courses – 2 hours. Theory and application of team building techniques using team initiative course and high ropes course. Includes design, maintenance, administration, safety standards, liability considerations, and training of facilitators.

Change title, description, and prerequisites to:

RCSM 363 Design and Facilitation of Adventure Challenge Experiences – 2 hours. Theory and application of experimental learning and group development programming in a challenge course-based adventure activity context. Topics include challenge courses, group initiative activities, experimental learning process, group development and dynamics, group facilitation techniques, debriefing, sequencing, activity selection, and program design. Will include exposure to the Adventure industry and important issues in the field. Students wanting to become Facilitators in the ISU Challenge Course program are required to enroll concurrently in RCSM 363L.

SCHOOL OF TECHNOLOGY: Aerospace Technology

AST 199 Aerospace Summer Honors – 3 hours. An introduction to the aerospace industry and to the Department of Aerospace Technology. Open to high school students who have completed their junior year.

Change credit hours to:

AST 199 Aerospace Summer Honors – 2 hours. An introduction to the aerospace industry and to the Department of Aerospace Technology. Open to high school students who have completed their junior year.

SCHOOL OF TECHNOLOGY: Manufacturing and Construction Technology

MCT 295 Industrial Applications of Computers – 3 hours. Fundamentals of computer applications to industrial technology.

Change title and description to:

MCT 295 Introduction to Computer Applications – 3 hours. This course is designed to provide all first year and transfer students with the basic working knowledge of computers, computer applications and information management skills necessary to succeed in today's information technology based society.

UNDERGRADUATE PROPOSALS: continued

UNDERGRADUATE PROGRAM REVISIONS

COLLEGE OF ARTS & SCIENCES: Life Sciences

**Bachelor of Arts/Bachelor of Science
Life Sciences Major and Minor**

Executive Summary:

LIFS 380L (Genetics Lab; 1hr) will now be required for both the LIFS Major and Minor. The LIFS Elective requirement will be reduced from 17 to 16 hours (This will leave the total LIFS course requirement of 40 semester hours unchanged.)

Rationale:

Both the LIFS Major and Minor currently require a “core” of LIFS courses: LIFS 101 (Introductory Biology I) & Lab, LIFS 102 (Introductory Biology II) & Lab, LIFS 374 (Microbial and Cellular Biology) & Lab, LIFS 350 (Ecology) & Lab, LIFS 330 (Physiology) & Lab, and LIFS 380 (Genetics). The latter has been the only required “core” course for which the companion lab was not also specifically required. Furthermore, the current catalog already states that the required LIFS 380 lecture course requires concurrent enrollment in LIFS 380L, so the proposed change would be consistent with and would serve to formalize this implied requirement. It is therefore the LIFS Department’s wish to finally correct this long standing oversight, especially in view of society’s expanding interest in the ethical and technical issues surrounding the current explosion of knowledge in genetics and genomics.

CURRENT CATALOG COPY

Life Sciences Major (40 semester hours)

Required Life Sciences: 101--3 hrs.; 101L--1 hr.; 102--3 hrs.; 102L--1 hr.; 330--3 hrs.; 330L--1 hr.; 350--3 hrs.; 350L--1 hr.; 374--3 hrs.; 374L--1 hr.; 380--3 hrs.

Electives: To complete the 40 hours required for the major, a minimum of 17 hours beyond the core curriculum must be selected from the following: 342, 371/371L, 380L, 401/401L, 403, 404, 405, 406/406L, 408/408L, 410, 412, 421, 423/423L, 424/424L, 425/425L, 426/426L, 427/427L, 428/428L, 431, 432/432L, 434, 437/437L, 445, 447, 450, 451, 454, 458/458L, 461/461L, 475, 476, 480, 482/482L, 485, 490, 491, and 492; Chemistry 431/431L, 432.

Cell and Molecular Biology Emphasis: Cell Biology or Cellular Development and Cell and Tissue Culture, and Immunology, plus additional electives from the following: LIFS 380L, 404, 482/482L; Chemistry 431, 431L, 432.

UNDERGRADUATE PROPOSALS – Program Revisions – Life Sciences Major/Minor: continued

Molecular Biology and Biotechnology Emphasis: Recombinant DNA, Cell and Tissue Culture, Immunology, and additional electives from the following: LIFS 371/371L, 380L, 401/401L, 404, 405, 406/406L, 437/437L, 476, 482/482L; Chemistry 431, 431L, 432.

Life Sciences Minor (24 semester hours)

Required Life Sciences: 101--3 hrs.; 101L--1 hr.; 102--3 hrs.; 102L--1 hr.; 330--3 hrs.; 330L--1 hr.

hr.; 350--3 hrs.; 350L--1 hr.; 374--3 hrs.; 374L--1 hr.; 380--3 hrs.

Elective: 1 hour.

PROPOSED CATALOG COPY

Life Sciences Major (40 semester hours)

Required Life Sciences: 101--3 hrs.; 101L--1 hr.; 102--3 hrs.; 102L--1 hr.; 330--3 hrs.; 330L--1 hr.; 350--3 hrs.; 350L--1 hr.; 374--3 hrs.; 374L--1 hr.; 380--3 hrs.; 380L--1hr.

Electives: To complete the 40 hours required for the major, a minimum of 16 hours beyond the core curriculum must be selected from the following: 342, 371/371L, 401/401L, 403, 404, 405, 406/ 406L, 408/408L, 410, 412, 421, 423/423L, 424/424L, 425/425L, 426/426L, 427/427L, 428/428L, 431, 432/432L, 434, 437/437L, 445, 447, 450, 451, 454, 458/458L, 461/461L, 475, 476, 480, 482/482L, 485, 490, 491, and 492; Chemistry 431/431L, 432.

Cell and Molecular Biology Emphasis: Cell Biology or Cellular Development and Cell and Tissue Culture, and Immunology, plus additional electives from the following: LIFS 404, 482/482L; Chemistry 431, 431L, 432.

Molecular Biology and Biotechnology Emphasis: Recombinant DNA, Cell and Tissue Culture, Immunology, and additional electives from the following: LIFS 371/371L, 401/401L, 404, 405, 406/406L, 437/437L, 476, 482/482L; Chemistry 431, 431L, 432.

Life Sciences Minor (24 semester hours)

Required Life Sciences: 101--3 hrs.; 101L--1 hr.; 102--3 hrs.; 102L--1 hr.; 330--3 hrs.; 330L--1 hr.; 350--3 hrs.; 350L--1 hr.; 374--3 hrs.; 374L--1 hr.; 380--3 hrs.; 380L--1hr.

UNDERGRADUATE PROPOSALS – Undergraduate Program Revisions: continued

COLLEGE OF ARTS & SCIENCES: Philosophy

Bachelor of Arts

Philosophy Major

Executive Summary:

The Philosophy Department would like to allow majors greater flexibility to select the courses

that are appropriate to their individual interests. This goal can be most easily accomplished through decreasing the required courses and increasing electives, while retaining the 30 credit hour requirement. Another way to achieve the goal is to allow students, in exceptional cases, to take one philosophically relevant course outside the department.

Rationale:

In order to allow philosophy majors greater flexibility, the department will allow a major to take 3 credit hours outside the department, subject to the approval of the advisor and in agreement with the Department Chairperson. Not only must the course be philosophically relevant, but the student must supply a good reason for the substitution.

In order to allow philosophy majors greater flexibility, the number of required courses will be reduced from 15 credit hours to 12. The student will then select 18 hours of electives, provided that no more than 6 hours of 100-level or 200-level courses are used for the total 30 hours required for the major. Philosophy 336, Modern Philosophy II, will no longer be a required course.

Moreover, the student may substitute Philosophy 401, Ethical Theory, for Philosophy 333, Medieval Philosophy. In this case, the student will fulfill the required history sequence by taking Phil 330, Ancient Philosophy, and Phil 335, Modern Philosophy I.

CURRENT CATALOG COPY

Philosophy Major (30 semester hours)

Required Philosophy: 105 or 405--3 hrs.; 330—3 hrs.; 333—3 hrs.; 335—3 hrs.; 336—3 hrs.

Elective Philosophy: 15 hours of electives, provided that no more than 6 hours of 200-level courses are used for the total 30 hours required for the major.

PROPOSED CATALOG COPY

Philosophy Major (30 semester hours)

Required Philosophy: 105 or 405—3 hours; 330—3 hours; 333 or 401—3 hours; 335—3 hours.

Elective Philosophy: 18 hours of electives, provided that no more than 6 hours of 100-level or 200-level courses are used for the total 30 hours required for the major.

UNDERGRADUATE PROPOSALS – Program Revisions – Philosophy Major: continued

PROGRAM COMPARISON

<u>Old Program</u>	<u>New Program</u>
Required courses:	Required courses:
PHIL 105 or 405	PHIL 105 or 405
PHIL 330	PHIL 330
PHIL 333	PHIL 333 or 401
PHIL 335	PHIL 335

PHIL 336
15 hours of electives

18 hours of electives; 3 hours may come
from outside the Department with the
approval of the advisor and the chair

COURSE REACTIVATIONS

COLLEGE OF ARTS & SCIENCES: Family and Consumer Sciences

FCS *411 Dress Design – Flat Pattern – 3 hours. Creating pattern through the use of pattern design techniques. Prerequisite: 111 or 211 or 311 or consent of instructor.

**Course has a graduate level equivalent*

DEPARTMENTAL NAME CHANGE REQUEST

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety

Upon recommendation of the Academic Affairs Committee, the faculty of the Department of Health and Safety has voted unanimously to change the name of the department to *Department of Health, Environmental, and Safety Management*. We believe the change better reflects the programs offered in our department and will prove to be beneficial in student recruitment. Currently, confusion exists about our identity. We often receive calls meant for the Student Health Services or the Office of Environmental Safety. The proposed name change identifies us as an academic department by including “Management”. It also recognizes each of the separate undergraduate programs we offer. In addition, the major part of the job positions advertised are described as Environmental Management or Environmental and Safety Management. The State agency in charge of environmental issues (equivalent to Environmental Protection Agency) is identified as the Indiana Department of Environmental Management.

The Department of Health and Safety has also been in contact with the School of Business to make sure that there is no opposition to the proposed new name. Dr. Leona M. Gallion, Dean of the School, notified us that there is not opposition.

GRADUATE CURRICULUM PROPOSALS

NEW COURSES

COLLEGE OF ARTS & SCIENCES: Mathematics & Computer Science

CS *568 NT Server Administration and Networking – 3 hours. This hands-on course covers the complete process of installation, configuration, and administration of both the NT4 Server software and the Windows 2000 Server software. Includes actual set-up of a physical network including the design and installation of network interface

cards, hubs, cables, servers, and workstations. Also includes installation and configuration of TCP/IP, CHCP, DNS, WINS, IIS, FTP as well as important administrative tasks including the establishment of user roles, groups and security, file protection, configuring clients, tuning backups, and establishment of intranet and internet connections and security. This course can be used as preparation for Microsoft Server MCSE certification exams. Prerequisites: CS 467 or MIS 430 or ECT 353.

**Course has an undergraduate level equivalent*

CS *569 Unix/Linux Administration and Networking – 3 hours. Includes installation and configuration of Unix/Linux operating system software; set-up of hardware and software for Unix/Linux networking including TCP/IP, FTP, Telenet, DNS, DHCP, and Apache; Unix/Linux administration tasks including directories, users, tuning, backup, security, and networking. Prerequisite: CS 467 or MIS 430 or ECT 353.

**Course has an undergraduate level equivalent*

CS *572 Advanced Networking and Inter Connectivity – 3 hours. Advanced local area networking and enterprise networking concepts. Includes interconnectivity between NT and Unix/Linux servers and workstations; multi-tier hardware configurations; enterprise networking and trust relationships; and wireless networking. Prerequisites: CS 468 or MIS 431 and CS 469.

**Course has an undergraduate level equivalent*

CS *579 Web Programming II – 3 hours. Advanced programming for the WWW and the Internet. This course includes three approaches: the older CGI/PERL, Microsoft's Active Server Pages (ASP), and Sun's Java Server Pages (JSP). The course also includes the setup and configuration of WWW servers including Apache and Microsoft's IIS. Prerequisites: CS 170 and CS 320.

**Course has an undergraduate level equivalent*

CS *581 Client/Server and n-tier Database Utilization – 3 hours. Methods of accessing databases such as Oracle and Microsoft SQL Server. Includes actual software installations and configurations of backend databases on network servers and installations and configurations of client software on workstations; networking protocols used by databases; setup and configurations of 3-tier (and n-tier) servers, applications, and databases. Prerequisites: CS 477 and CS 467 or MIS 430 or ECT 353.

GRADUATE PROPOSALS – New Courses – Math & Computer Science – CS 581: continued

353.

**Course has an undergraduate level equivalent*

CS *583 Database Development for the Web – 3 hours. Methods and programming for the access of databases over the WWW. Includes Open Database Connectivity (ODBC), OLD_DB, Java Database Connectivity (JDBC), advanced ASP, Active-X Database Objectives (ADO), advanced JSP, Java Servlets, and JavaBeans. Database connections, recordsets, and commands. Prerequisites: CS 477 and CS 479.

**Course has an undergraduate level equivalent*

CS *584 Complete e-Commerce Site Development – 3 hours. A project development

course which requires the complete software development of an e-Commerce site including advanced design, client-side and server-side coding, log-ins and security, storefront pages, cookies, shopping cart, extensive database connectivity and utilization, credit cards, order processing, order tracing, SSL and other security requirements. Prerequisite: CS 483.

**Course has an undergraduate level equivalent*

COLLEGE OF ARTS & SCIENCES: Political Science

PSCI 579* **East Asia in World Politics – 3 hours.** An examination of the international relations of the countries of East Asia with the great powers and among themselves. Emphasis is on the Cold War and post-Cold War eras.

**Course has an undergraduate level equivalent*

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety

HLTH 602 **Introduction to Community Health Promotion – 3 hours.** This course provides students who lack education or experience in the field of community health promotion with an understanding and appreciation of related subjects such as the history of community health promotion; different health needs through the lifespan; methods of promoting health within communities and populations.

COURSE REVISIONS

COLLEGE OF ARTS & SCIENCES: History

HIST 511* **The Colonial Experience – 3 hours.** The Colonies: settlement, development, culture, and conflict through the Revolutionary era. Prerequisite: 201 or equivalent.

Change description to:

HIST 511* **The Colonial Experience – 3 hours.** Early American history from the earliest contacts between Europeans and Native Americans in the sixteenth century to about 1750, including discovery, settlement, and political, social and cultural developments in the British colonies. Prerequisites: 201 or equivalent.

**Course has an undergraduate level equivalent*

GRADUATE PROPOSALS – Course Revisions: continued

HIST *513 **The New Nation, 1783-1825 – 3 hours.** The formation of the new American nation and its political economic, social, cultural, and institutional development during its first generation.

Change title, description, and prerequisites to:

HIST *513 **Revolutionary America – 3 hours.** Introduces the major themes and trends in the history of Revolutionary America from about 1750 to 1815. Surveys a variety of interpretations of the Revolution and the early national period. Topics include the Seven Years' War, the Revolution, and the formation of the new nation and its political economic, social, cultural, and institutional development through the War of 1812. Prerequisites: 201 or 411 or equivalent.

**Course has an undergraduate level equivalent*

GRADUATE PROGRAM REVISION

COLLEGE OF ARTS & SCIENCES: Music Master of Music

Executive Summary:

Add a sentence that was omitted when the change was made for the areas of specializations in music theory, music composition, and music history and literature to be Master of Music degrees rather than Master of Arts degrees.

Rationale:

The music accrediting agency, National Association of Schools of Music (NASM), requires that all music graduate programs include ensemble study. Because some of our students pursue MME degrees in summers only and there is no ensemble available in the summer, we were able to amend the requirement (and still receive accreditation) to read “at least 2 hours of ensemble and/or applied lessons.” This has been part of the requirement for the Master of Arts degree for many years. It was not part of the Master of Music requirement, which was only a performance degree and already required ensemble study as part of the major. Last year when we changed all Master of Arts degrees to Master of Music degrees, this statement was inadvertently omitted from the submitted catalog copy. When the copy for the new graduate catalog was received in December, we noticed the missing phrase. We would like the phrase to appear in the catalog copy, since it appears on the curricular sheets which we give to graduate students.

CURRENT CATALOG COPY

Master of Music (32 semester hours minimum)

Research: 609--3 hrs. or other research course as approved by the Department of Music.

Major (23 hours): 11-12 hours in the major as designated by the particular curriculum, and 11-12

GRADUATE PROPOSALS – Graduate Program Revisions – Music – Master of Music: continued

hours in related music courses.

Courses Outside the Area of Specialization: 6 hours of study which may be outside the major or outside the department as designated by the particular curriculum.

Electives (0-3 hours): Courses within or outside of the major may be taken as applicable.

Culminating Experience: Passage of an oral comprehensive examination, and for some curricula, 699-- 6 hrs (thesis).

Residency: An academic year of residency is required.

In general, one-half of credit hours must be in courses numbered 600 or above. Candidates for the M.M in Music with a specialization in music history and literature must pass a foreign language proficiency examination. For candidates on the M.M. in Music with a specialization in music theory,

the foreign language requirement may be met by: completing at the undergraduate level at least 12 semester hours in one language; or by completing 6 semester hours of special courses in reading skills by the Department of Languages, Literatures, and Linguistics; or by passing a foreign language proficiency examination.

PROPOSED CATALOG COPY

Master of Music (32 semester hours minimum)

Research: 609--3 hrs. or other research course as approved by the Department of Music.

Major (23 hours): 11-12 hours in the major as designated by the particular curriculum, and 11-12 hours in related music courses which must include at least 2 hours of ensemble and/or applied lessons.

Courses Outside the Area of Specialization: 6 hours of study which may be outside the major or outside the department as designated by the particular curriculum.

Electives (0-3 hours): Courses within or outside of the major may be taken as applicable.

Culminating Experience: Passage of an oral comprehensive examination, and for some curricula, 699-- 6 hrs (thesis).

Residency: An academic year of residency is required.

In general, one-half of credit hours must be in courses numbered 600 or above. Candidates for the M.M in Music with a specialization in music history and literature must pass a foreign language proficiency examination. For candidates on the M.M. in Music with a specialization in music theory, the foreign language requirement may be met by: completing at the undergraduate level at least 12 semester hours in one language; or by completing 6 semester hours of special courses in reading skills by the Department of Languages, Literatures, and Linguistics; or by passing a foreign language proficiency examination.

GRADUATE PROPOSALS: continued

COURSE REACTIVATIONS

COLLEGE OF ARTS & SCIENCES: Family and Consumer Sciences

FCS *511 Dress Design – Flat Pattern – 3 hours. Creating pattern through the use of pattern design techniques. Prerequisite: 111 or 211 or 311 or consent of instructor.

**Course has an undergraduate level equivalent*

DEPARTMENTAL NAME CHANGE REQUEST

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety

Upon recommendation of the Academic Affairs Committee, the faculty of the Department of Health and Safety has voted unanimously to change the name of the department to *Department of Health, Environmental, and Safety Management*. We believe the change better reflects the programs offered in our department and will prove to be beneficial in student recruitment. Currently, confusion exists about our identity. We often receive calls meant for the Student Health Services or the Office of Environmental Safety. The proposed name change identifies us as an academic department by including “Management”. It also recognizes each of the separate undergraduate programs we offer. In addition, the major part of the job positions advertised are described as Environmental Management or Environmental and Safety Management. The State agency in charge of environmental issues (equivalent to Environmental Protection Agency) is identified as the Indiana Department of Environmental Management.

The Department of Health and Safety has also been in contact with the School of Business to make sure that there is no opposition to the proposed new name. Dr. Leona M. Gallion, Dean of the School, notified us that there is not opposition.

UNDERGRADUATE APPROVALS

NEW COURSES

COLLEGE OF ARTS & SCIENCES: History

HIST 384 History of Modern Vietnam – 3 hours. There are plenty of courses that dwell on America’s involvement in Vietnam in the context of Cold War politics. However, such a myopic approach neglects the long and glorious history of one of Southeast Asia’s most dynamic cultures. By analyzing the history of the Vietnamese people from around 500 B.C. to the present – with an emphasis on the period since 1700 – we can gain an enlightening perspective as to why they fought so tenaciously to

UNDERGRADUATE APPROVALS – New Courses – History – HIST 384: continued

throw off the yokes of Chinese, French, and American imperialism. Moreover, students will also examine a period of history that is normally neglected by most courses that focus on the Vietnam War exclusively, namely, what has happened in Vietnam since 1975, and its relationship with Cambodia, China, and the United States.

HIST *422 The Rise and Fall of the Spanish World Empire – 3 hours. This course is designed as an overview of the history of Imperial Spain, one of the most influential cultures of modern times. Combining both lecture and seminar formats, the class will focus on the following topics: the creation of the Spanish Monarchy; the incorporation of Spain into the European empire of Charles V and the challenge of the Reformation; the clash between the Ottoman and Spanish empires in the Mediterranean; the development of the Spanish empire in the Americas; the

flowering of a Golden Age Culture; the question of imperial decline; the role played by Spain in the formation of the Atlantic World. No previous knowledge of Spanish history is required.

**Course has a graduate level equivalent*

COLLEGE OF ARTS & SCIENCES: Social Work

SOWK 300 Topics in Social Work – 3 hours. Current topics designed to serve special needs and interests. Credits do not count towards the BSW program. Enrollment is limited to those seeking professional development. Prerequisite: consent of department chair.

UNIVERSITY HONORS PROGRAM

GH 401 Honors Independent Study – 3 hours. Independent study in the major or minor. Prerequisite: consent of Director of Honors. Course may be repeated up to a maximum of 6 hours.

SCHOOL OF NURSING

NURS 108 Information Technology Literacy for Healthcare – 3 hours. ITL – H serves as an introduction to the use of computers and the use of information in healthcare. Students will learn basic skills of how to use computer applications and networks at ISU and how to retrieve, evaluate, and present information. Three classroom hours per week.

NURS 151 Role Socialization in Nursing – 1 hour. The foundations of the discipline are introduced through the history and paradigms of nursing. The theory and learning activities are organized to orient the learners to the roles of the nurse as a critical thinker, communicator, provider of care, manager, professional, and an adapter to change as a life long learner. One classroom hour per week.

UNDERGRADUATE APPROVALS – New Courses – School of Nursing: continued

NURS 153 Introduction to Nursing Assessment – 1 hour. The health assessment skills of nursing are introduced to entry-level students. The assessment step of the nursing process will be enhanced through development of the skills of inspection, auscultation, and selected palpation of body systems. Combined classroom and clinical time will average two hours per week. Prerequisites: Admission to the Associate Degree Nursing Program; 151; Communications 101; Information Technology Requirement; Psychology 101; Life Sciences 231 and 231L; Chemistry 100 and 100L, or consent of instructor.

NURS 154 Introduction to Drug Therapy I – 1 hour. Basic principles of drug administration are taught to enable the student to think critically, to make appropriate nursing judgments, and to administer medications in a safe manner. Emphasis is on nursing applications of common drug administration to clients across the life span, especially the older adult. The student will learn to administer medications with concern for

safety, accuracy, and consideration of factors that affect pharmacokinetics. Combined classroom and clinical time will average two hours per week. Prerequisites: 151; Communications 101; Information Technology Requirement; Psychology 101; Life Sciences 231 and 231L; Chemistry 100 and 100L, or consent of instructor.

NURS 254 Drug Therapy III – 1 hour. This course builds on Drug Therapy II. The student will learn drugs used in pediatric nursing and nursing of adult clients in acute care and home settings with concern for safety, accuracy, and consideration of factors that affect pharmacokinetics. One classroom hour. Prerequisites: 160; 162; 164.

NURS 262 Nursing Practicum – 4 hours. The focus of this course is to facilitate transition to entry level as an associate degree nurse. Emphasis is placed on client care environments, managing client care, and coordinating nursing care of groups of clients in health care facilities and the home environment. One classroom hour and an average of nine clinical hours per week. Prerequisites: 252; 254; 256; Prerequisite or concurrent enrollment in 260; Concurrent enrollment in 263, or consent of instructor.

NURS 484 Reflective Nursing Practice – 3 hours. This clinical concentration course provides opportunity for synthesis and evaluation of professional nursing role behaviors essential to care of clients experiencing complex care needs in a variety of settings. Emphasis is placed on refinement of critical thinking and communication skills, refinement of appropriate and effective leadership/managerial skills, and the integration of a range of therapeutic interventions into nursing practice, including those appropriate to individual clients, their families/significant others, and relevant population-based groups. Nine clinical hours per week. Prerequisites: 424; 450; or 450 only if enrolled in Baccalaureate Track for Registered Nurses. Prerequisite or concurrent enrollment in: 470.

UNDERGRADUATE APPROVALS – New Courses – School of Nursing: continued

NURS 486 Professional Nursing Synthesis – 3 hours. This course serves as the capstone course for integration, synthesis and reflection of professionalism, professional goals and professional nursing practice informed through multiple ways of knowing and experiences grounded in historical, literary, artistic, scientific, and technological perspectives. Issues and trends germane to contemporary nursing are explored. Social forces, including economic, political, legal, and ethical points influencing decisions in nursing and health care policy are examined. Health care delivery systems are analyzed with respect to concepts of management, leadership and nursing roles. Leadership and change theory are used as a basis for developing strategies to create social change in regard to health care systems. Emphasis is placed on refinement of critical thinking and communication competencies, enhancement of individual values and beliefs and appreciation for lifelong learning. Three classroom hours per week. Prerequisite: 424 and 450; or 450 and 470. Must be taken as last course in the last semester of the Program.

COURSE APPROVALS AND MODIFICATIONS FOR GE2000

The following courses have been approved for inclusion in the revised General Education program that began Fall 2000. The courses and the corresponding General Education designations began with offerings in the summer of 2000. GE89 refers to students enrolled before summer 2000. GE2000 is for students who will be enrolled in the modified program.

COLLEGE OF ARTS & SCIENCES: African & African American Studies

AFRI 334 Introduction to African Art – 3 hours. This course will introduce students to the multifaceted arts of Africa from traditional forms to contemporary artistic manifestations. Students will be introduced to the broad spectrum of works, issues, practices and belief systems which are often radically different from those with which they are familiar, but which challenge their perception of the visual arts and their definition of aesthetics. (Cross-listed with Art 388.) General Education Credits [*GE89: C3; GE2000: Multicultural Studies, International Cultures*]

COLLEGE OF ARTS & SCIENCES: Art

ARTH 388 Introduction to African Art – 3 hours. This course will introduce students to the multifaceted arts of Africa from traditional forms to contemporary artistic manifestations. Students will be introduced to the broad spectrum of works, issues, practices and belief systems which are often radically different from those with which they are familiar but which challenge their perception of the visual arts and their definition of aesthetics. (Cross listed with African and African American Studies 334.) General Education Credits [*GE89 C3; GE2000: Multicultural Studies, International Cultures*]

UNDERGRADUATE APPROVALS – Course Approvals and Modifications for GE2000: continued

COLLEGE OF ARTS & SCIENCES: Mathematics & Computer Science

CS 101 Information Technology Literacy - 3 hours. Covers the core competencies in three areas: information technology basics, hardware/software, and information retrieval and evaluation. Provides students with the basic information management skills necessary to function in an electronic academic environment. General Education Credits [*GE2000: Basic Studies - Information Technology Literacy*]

SCHOOL OF BUSINESS: Organizational

ASBE 125 Information in the Electronic Age – 3 hours. The focus is on developing information literacy to help students become knowledgeable users of information technology techniques and become aware of business/societal issues related to technology and electronic communication. Students will learn how to locate information electronically, evaluate and analyze information using critical analysis

techniques, and communicate information using electronic media. General Education Credits [*GE2001: Basic Studies – Information Technology Literacy*]

MIS 110 Business Information Processing Systems – 3 hours. This course provides a foundation in information technology necessary for today's business world. An introduction to information technology basics, hardware, software, and information retrieval and evaluation is provided. The student will be expected to gain skills that will benefit him/her in the business world, such as use of e-mail, Internet searching, spreadsheets, presentation tools, databases, and word processors. General Education Credits [*GE2000: Basic Studies – Information Technology Literacy*]

SCHOOL OF EDUCATION: Curriculum, Instruction, & Media Technology

CIMT 272 Introduction to Classroom Computer Use - 3 hours. Designed to familiarize undergraduate education students with the microcomputer as an instructional tool. The student is expected to become familiar with the various uses teachers make of computers in classrooms, what characteristics to look for when selecting educational software, and how hardware and software can be incorporated into the instructional process. General Education Credits [*GE2001: Information Technology Literacy*]

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety

HLTH 112 Computing Literacy in Health, Environmental, and Safety Sciences – 3 hours. This course is intended to provide all first year and transfer students with the basic information management knowledge and skills necessary to function, survive, and ultimately, thrive in the highly electronic and ever changing academic environments of health, environmental, and safety sciences. Emphasis is on *entry level* minimum competencies. General Education Credits [*GE2001: Information Technology Literacy*]

UNDERGRADUATE APPROVALS: continued

NEW UNDERGRADUATE PROGRAM

College of Arts & Sciences: Computer Science

School of Business: Management Information Systems

School of Technology: Electronics & Computer Technology

Bachelor of Science Degree: Information Technology

Approved by CAAC (8-0-0)

Approved by Faculty Senate Executive Committee (9-0-0)

Approved by Faculty Senate (38-0-0)

Approved by Board of Trustees February 16, 2001

Approved by Indiana Commission for Higher Education March 9, 2001

Executive summary:

The Information Technology major fills the gap between computer scientists and general users. Students will understand the fundamental concepts of information processing and the relationship between the underlying technology and end user application. The program is flexible and applied. It consists of fifty-one hours, with thirty-six hours in the core and fifteen hours in a track, to be chosen by the student in consultation with the advisor. The tracks are in areas such as database administration, networking, web development, or digital communications. An innovating feature of the curriculum is its multidisciplinary nature, involving several departments including Math and Computer Science; Electronics and Computer Technology; Management Information Systems; Art; Geography, Geology and Anthropology; and Journalism. Articulation and two plus two agreements will be developed with the Community College of Indiana. Anticipated career outcomes are entry-level professional positions in a variety of IT-related fields. Career opportunities should be strong, given the shortage of IT professionals.

Rationale:

With the rapid development of information and communications technologies and related IT economic development, Indiana is experiencing significant labor shortages in many IT-related employment areas. This is true for major industries, but also for small businesses, not-for-profits, and educational institutions. This new major builds upon the strengths of a variety of departments at ISU to create an applied, flexible program that should attract students from a wide variety of backgrounds with varied interests.

This is an opportunity for ISU to become a leader in a high-demand field and potentially attract and retain students who otherwise might not consider or stay at ISU. The program is consistent with the university's mission statement.

This program will provide a flexible major that will lead to a variety of emphases in the field of information technology. It is multidisciplinary and will draw upon courses in a variety of departments to develop information technologists with the following competencies:

- ❖ facility with current tools and technologies for networking, application development, and digital media;

UNDERGRADUATE APPROVALS – New Program – B.S. Information Technology: continued

- ❖ experience with the process of technology deployment in a user community;
- ❖ the ability to communicate effectively;
- ❖ an individual technical focus in some area such as networking, applications development, or digital communication.

Students with the B.S. in IT will:

- ❖ Demonstrate a strategic and technical understanding of networks and communications systems; interactive, multimedia-based applications; multi-platform computer hardware and software.
- ❖ Demonstrate an understanding of the fundamental concepts and the relationship between the underlying technology, user applications, and the users themselves.
- ❖ Troubleshoot computer problems.
- ❖ Apply cognitive and organizational methods to the design of information technology applications.

- ❖ Apply local and practical methods to design and implement new applications in a variety of application areas such as science, business, government, and education.

Admission Requirements:

A student may enter this major as a new freshman, a transfer student, or as a change of major. Students must be in good academic standing. Anticipated clientele consists of students interested in a more flexible major that will lead to a variety of career paths in information technology related fields.

PROPOSED CURRICULUM

Information Technology (51 semester hours)

Basic Core: (18 hours)

Introduction to Computer Science	CS 151
Principles of Structured Design	CS 256
Elementary Electricity/Electronics	ECT xxx
Computer Hardware Components	ECT aaa
Advanced Topics in Computer Science	
Web Programming	CS 459 ¹
Introduction to Information Technology	MIS xxx/ECT bbb ²

Second Level: (18 hours)

Database Processing	CS 457
Data Communications Software	CS 467
Survey of Object-Oriented Programming	

UNDERGRADUATE APPROVALS – New Program – B.S. Information Technology: continued

Languages	MIS 355
Business Systems Analysis	MIS 300
Project Management	MIS aaa/ECT ccc ²
Java Programming	CS 485 ³

Electives: (Any 15 hours from courses listed below, chosen in consultation with an advisor. Students many not take the same course from more than one department.)

Tracks

Database Development and Administration

Advanced Database Processing and Administration	CS 477
Client/Server, n-tier Database Utilization	CS 485 ³
Web Development II	CS aaa
Database Development for the Web, XML	CS bbb
Database Administration	MIS bbb
Introduction to Geographic Information Systems	GEOG 242

Networking

NT Administration and Networking	MIS 475°
Unix/Linux Administration and Networking	CS 459 ¹
Novell Administration and Networking	ECT ccc
Advance NT, WAN	MIS 475°
Advanced Networking and Inter Connectivity	CS 459 ¹ /MIS ccc/ECT ddd ²
Introduction to Telephony	ECT ddd
Telecommunications Systems Administration	ECT eee
Network Systems Design	ECT fff

Web Development

Graphic Design IV: Web Page Design	ARTD 420
Web Development II	CS aaa
Cognition in Everyday Life	PSY 340
Database Development for the Web, XML	CS bbb
Complete e-Commerce Site Development	CS 485 ³
The World Wide Web: Cognition, Research, and Presentation	JOUR 372

Digital Multimedia

Basic Graphics for Digital Multimedia	COMM aaa
Macromedia Director	ARTD 400K ^{oo}
Interactive Presentations	ARTD 400K ^{oo}
OR 3D Modeling/Rendering	ARTD 400K ^{oo}
Audio/Video Input and Editing	ARTD 422**
Senior Project	ARTD 422**

UNDERGRADUATE APPROVALS – New Program – B.S. Information Technology: continued

Digital Communications

Digital Logic and Circuits	ECT 490^^
(12 hours from any of the following)	
Microprocessor Architecture and Organization	ECT 334
Telecommunications Networks	ECT 490^^
Data Communications	ECT 490^^
Data, Voice and Video Systems	ECT 490^^
Introduction to Telephony	ECT 490^^
Network Systems Design	ECT 490^^
Telecommunications Systems Administration	ECT 490^^
A-Z Cooperative Industrial Practice	ECT 351

Applications Development

COBOL Programming	CS 253
OR Business Applications Development I	MIS 310
COBOL Programming II	CS 357
OR Business Applications Development II	MIS 380
Advanced Database Processing and Administration	CS 477

Other Elective Courses

Geographic Information Systems: Applications
Automated Cartography

GEOG 442
GEOG 446

¹ Advanced topics in CS – may be repeated

² Cross-listed course

³ Systems Software Projects – may be repeated

[°] Seminar in Current MIS topics – may be repeated up to six hours

^{°°} Art Workshop – may be repeated for credit up to nine hours

^{**} Special Problems in Graphic Design – may be repeated up to six hours

^{^^} Topics in Electronic and Computer Technology – may be repeated

COURSE REVISIONS

COLLEGE OF ARTS & SCIENCES: Chemistry

CHEM 310 Chemical Literature – 1 hour. The study and use of chemical literature as a tool in teaching and research. No laboratory. Prerequisite: successful completion of or concurrent enrollment in 352.

Change number, title, and description to:

CHEM 410 Chemical Literature – 1 hour. A series of lectures and hands-on experiences in the *UNDERGRADUATE APPROVALS – Course Revisions – Chemistry – CHEM 410: continued*

use of printed and electronic sources of chemical information. Includes on-line searching of Chemical Abstracts as well as various other databases that are important to chemists. Prerequisite: successful completion of or concurrent enrollment in 352.

COLLEGE OF ARTS & SCIENCES: History

HIST 356 Colonialism and Nationalism in Southeast Asia – 3 hours. A comparative study of the establishment of colonial rule and the subsequent rise of nationalist movements in Southeast Asia between c. 1750 and c. 1950. Special attention will be focused on Indonesia, Vietnam, the Philippines, Thailand, Myanmar (Burma), and Malaysia.

Change description to:

HIST 356 Colonialism and Nationalism in Southeast Asia – 3 hours. This course is a comparative study of the establishment of colonial rule and the subsequent rise of nationalist movements in Southeast Asia between 1500 and 1990s. The term “Southeast Asia” was invented by Western nations following World War II to provide some unity to a region that is culturally and geographically diverse. Early influences in this region include the great civilizations of China and India, and the religions of Hinduism, Buddhism and Islam. Europeans brought to Southeast Asia

capitalism, colonialism, and Christianity. The nationalist/independence movements of the 19th and 20th centuries varied from traditional rebellions to ones influenced by democratic and communist parties. Students will be challenged to critically examine the long-term political, social and economic processes that have shaped the Southeast Asia of the present.

SCHOOL OF EDUCATION: Counseling

COUN *434 Counseling Psychology: Agency and Community – 3 hours. An introduction to the use of counseling in agency and community contexts. Intervention strategies, theoretical models, working contexts, relationships to other professions, ethics, obstacles to service delivery, and personal qualities of counselors are reviewed.

Change title and description to:

COUN *434 Foundations of Counseling Psychology – 3 hours. An orientation to the field focusing on issues relevant to professional identity development. A survey of the historical and intellectual context of counseling, contemporary professional issues, and critical thinking as applied to clinical practice.

**Course has a graduate equivalent*

SCHOOL OF NURSING

NURS 105 Introduction to Nursing Care - 5 hours. Roles of the nurse within the health care delivery system are introduced with emphasis on the role, provider of care. The well-defined health needs of the older adult are considered in relation to the internal and external environments. Beginning nursing skills are developed and applied in

UNDERGRADUATE APPROVALS – Course Revisions – School of Nursing – NURS 152: continued

structured settings. The nursing process is utilized to assist the older adult in meeting health needs in order to attain optimal health. Three classroom hours per week and an average of six clinical hours per week. Prerequisite: Admission to the Associate Degree Nursing Program.

Change number, description, credit hours, and prerequisites to:

NURS 152 Introduction to Nursing Care – 4 hours. Factors influencing a client's ability to meet basic human needs are introduced with emphasis on the nurse's role of provider of care. The well-defined health needs of the older adult are considered in relation to the internal and external environments. Beginning nursing skills are developed and applied in structured settings. The nursing process is utilized to assist the older adult in meeting health needs in order to attain optimal health. Two classroom hours per week and an average of six clinical hours per week. Prerequisites: Admission to the Associate Degree Nursing Program 151; Communications 101; Information Technology Requirement; Psychology 101; Life Sciences 231 and 231L; Chemistry 100 and 100L; prerequisite or concurrent enrollment in 153; 154, or consent of instructor.

NURS 115 Nursing Care of the Childbearing Family – 4 hours. The roles of the nurse within the health care delivery system are developed with emphasis on the roles, provider of care and teacher. The focus of the course is the nursing care of individuals as

members of the childbearing family from the establishment of the family through the childbearing event. The nursing process is utilized in structured setting to assist individuals within the childbearing family in meeting their well-defined health needs. These needs are influenced by both internal and external environments. Three classroom hours per week and an average of three clinical hours per week. Prerequisite: 105.

Change number, description, and prerequisites to:

NURS 162 Nursing Care of the Childbearing Family – 4 hours. The roles of the nurse within the health care delivery system are developed with emphasis on the roles: communicator, provider, and manager of care. The focus of the course is the nursing care of members of the childbearing family from preconception to the conclusion of the childbearing event. The nursing process is utilized in structured settings to assist individuals within the childbearing family in meeting their well-defined health needs. Three classroom hours per week and an average of three clinical hours per week. Prerequisites: 151; 152; 153; 154; Communications 101; Information Technology Requirement; Psychology 101; Life Sciences 231 and 231L; Chemistry 100 and 100L; Educational Psychology 221 or Psychology 266 or Family and Consumer Sciences 103; Life Sciences 241 and 241L; English 105 or 107; prerequisite or concurrent enrollment in: 164; Life Sciences 274 and 274L

NURS 204 Fundamentals of Nursing Practice – 3 hours. An introduction to the roles of the nurse within the health care delivery system is studied with emphasis on the role as a provider of professional nursing care. Two classroom hours per week and an average of three clinical hours per week. Prerequisites: 104; English 105/107; Psychology

UNDERGRADUATE APPROVALS – Course Revisions – School of Nursing – NURS 204: continued

101; Life Sciences 231 and 231L; Math Requirement; Information Technology Requirement; Psychology 266, Educational Psychology 221, or Family and Consumer Sciences 103; Sociology 120; Chemistry 100 and 100L or Chemistry 104 and 104L; Communications 101; Prerequisites or concurrent enrollment in: 200, 206, and Life Sciences 241 and 241L.

Change description, credit hours, and prerequisites to:

NURS 204 Fundamentals of Nursing Practice – 5 hours. The roles of the professional nurse providing therapeutic nursing interventions in selected health care settings are introduced. Three classroom hours per week and an average of six clinical hours per week. Prerequisites: 104, 106; English 105/107; Psychology 101; Life Sciences 231 and 231L; Quantitative Literacy Requirement; Information Technology Requirement; Psychology 266, Educational Psychology 221, or Family and Consumer Sciences 103; Sociology 120; Chemistry 100 and 100L or Chemistry 104 and 104L; Communications 101; Prerequisites or concurrent enrollment in: 200, and Life Sciences 241 and 241L.

NURS 205 Nursing Care of the Adult I - 6 hours. The roles of the nurse within the health care delivery system are further developed with an emphasis on the role of provider of care. Focus of the course is the well-defined, unmet health needs of adults within families which are predominately manifested as chronic disturbances in relation to the internal and external environments. The nursing process is used to assist adults

within families to meet health needs in structured settings. Four classroom hours per week and a range of four to eight clinical hours per week. Prerequisite: completion of first year courses.

Change number, title, description, and prerequisites to:

NURS 160 Nursing Care of Adults with Health Alterations – 6 hours. The roles of the nurse within the health care delivery system are further studied with primary emphasis on the role of provider of care. Emphasis is also placed on critical thinking, communicating, and professional development. The focus of the course is the management of the basic health needs of adults experiencing common, well-defined health disturbances. The nursing process is used to assist adults within families to meet health needs within structured settings. Four classroom hours per week and a range of four to eight clinical hours per week. Prerequisites: 151; 152; 153; 154; Communications 101; Information Technology Requirement; Psychology 101; Life Sciences 231 and 231L; Chemistry 100 and 100L; Educational Psychology 221, or Psychology 266, or Family and Consumer Sciences 103; Life Sciences 241 and 241L; English 105, or 107; prerequisite or concurrent enrollment in 164; Life Sciences 274 and 274L.

NURS 206 Mental Health Aspects of Nursing Practice – 2 hours. An introduction to the communicator role of the professional nurse is presented. Basic interpersonal and mental health concepts as they relate to this role are the focus. The nurse's responsibility for attending the mental health needs of clients and self is emphasized. Skills are demonstrated and practiced. Two classroom hours per week.

UNDERGRADUATE APPROVALS – Course Revisions – School of Nursing – NURS 106: continued

Prerequisites: 104; English 105 or 107; Psychology 101; Life Sciences 231 and 231L; Mathematics requirement; Information Technology Requirement; Psychology 266, Educational Psychology 221, or Family and Consumer Sciences 103; Sociology 120; Communications 101; Chemistry 100 and 100L or 104 and 104L; prerequisite or concurrent enrollment in Life Sciences 241 and 241L.

Change number, description, and prerequisites to:

NURS 106 Mental Health Aspects of Nursing Practice – 2 hours. An introduction to the communicator role of the professional nurse is presented. Basic interpersonal and mental health concepts as they relate to this role are the focus. The nurse's responsibility for attending to the mental health needs of clients and self is emphasized. Skills are demonstrated and practiced. Two classroom hours per week. Prerequisites: 104; English 105 or 107; Psychology 101; Quantitative Literacy Requirement; Chemistry 100 and 100L or 104 and 104L. Prerequisite or concurrent enrollment in: Communications 101; Psychology 266, Educational Psychology 221, or Family and Consumer Sciences 103; Information Technology Requirement; Life Sciences 231 and 231L; Sociology 120.

NURS 215 Nursing Care of the Child and Family – 4 hours. Focuses on the care provided in structured settings of the individual child as a family member from infancy through adolescence. The health needs of the child as influenced by the internal and external environments are considered with emphasis on the role of provider of care. Nursing

skills previously learned are refined and new skills, as applicable to providing nursing care to children, are learned. The nursing process is utilized to assist children in meeting health needs. Three classroom hours and an average of three clinical hours per week. Prerequisites: 115; Psychology 101; English 105 or 107; Chemistry 100 and 100L or Chemistry 104 and 104L; Educational Psychology 221, Psychology 266, or Family and Consumer Sciences 103; Life Sciences 231 and 231L; Life Sciences 241 and 241L; Life Sciences 274 and 274L; prerequisite or concurrent enrollment in 205.

Change number, title, description, and prerequisites to:

NURS 260 Nursing Care of Children – 4 hours. The roles of the nurse in the health care delivery system are studied with emphasis on the roles: provider of care, critical thinker, communicator, manager of care, and a member within the nursing profession. The focus of the course is on the care of the child from infancy through adolescence. The nursing process is used to assist children and families in meeting health promotion and maintenance needs as well as unmet health needs in various settings. Three classroom hours and an average of three clinical hours per week. Prerequisites: 252; 254; 256.

NURS 226 Nursing in Mental Illness – 3 hours. Nursing care of individuals experiencing mental illness is the focus. Major theoretical principles governing the practice of psychiatric nursing are applied in providing care in structured settings. Two classroom hours and an average of three clinical hours per week. Prerequisites: 200, 204, 206. Prerequisite or concurrent enrollment in: 228.

UNDERGRADUATE APPROVALS – Course Revisions – School of Nursing – NURS 226: continued

Change prerequisites to:

NURS 226 Nursing in Mental Illness – 3 hours. Nursing care of individuals experiencing mental illness is the focus. Major theoretical principles governing the practice of psychiatric nursing are applied in providing care in structured settings. Two classroom hours and an average of three clinical hours per week. Prerequisites: 106, 200, 204. Prerequisite or concurrent enrollment in: 228.

NURS 228 Clinical Pharmacology – 2 hours. Introduction to basic pharmacology and its application to care of clients throughout the lifespan is emphasized. The focus is on nursing implications, nursing responsibilities, and client education related to prototype medications in each major classification. Two classroom hours per week. Prerequisites: 104, Life Sciences 231 and 231L, Life Sciences 241 and 241L.

Change description and credit hours to:

NURS 228 Clinical Pharmacology – 3 hours. Introduction to basic pharmacology and its application to care of clients throughout the lifespan are emphasized. The focus is on nursing implications, nursing responsibilities, and client education related to prototype medications in each major classification. Two classroom hours per week and three clinical hours per week. Prerequisites: 104, Life Sciences 231 and 231L, Life Sciences 241 and 241L.

NURS 235 Nursing Care in Mental Health/Mental Illness – 5 hours. The role of the nurse

communicator is emphasized in the care of adult patients with needs related to mental health. Select psychosocial models and nursing principles are integrated and used with the nursing process to care for patients in structured settings. The importance of the nurse's responsibility for meeting his/her own mental health needs is stressed. Three classroom hours per week and an average of six clinical hours per week. Prerequisites: 205; 215.

Change number, title, description, credit hours, and prerequisites to:

NURS 256 Psychosocial Nursing – 4 hours. The promotion of optimal mental health through caring, culturally-sensitive application of the nursing process for clients experiencing acute, chronic and/or disabling mental illness is the focus. An average of three classroom hours and three clinical hours per week. Prerequisites: 160; 162; 164; prerequisite or concurrent enrollment in 254.

NURS 240 The Nurse in The Health Care System – 1 hour. The roles of the nurse within the health care delivery system are studied with an emphasis on the role of the nurse as a member within the discipline of nursing. Selected social, economic, ethical, legal, and political components which influence health care are explored. Emphasis is given to topics which are of particular interest to the students. One classroom hour per week. Prerequisites: 205 and 215. Must be taken in the last semester of the program.

Change number, title, description, credit hours, and prerequisites to:

NURS 263 Role Transition in Associate Degree Nursing – 2 hours. The course provides opportunities to understand the role of the nurse as a member within the nursing

UNDERGRADUATE APPROVALS – Course Revisions – School of Nursing – NURS 263: continued

profession. Emphasis is placed on legal aspects of licensure, professional accountability, and professional growth and development. Two classroom hours per week. Prerequisites: 252; 254; 256; Prerequisite or concurrent enrollment in 260; Concurrent enrollment in 262, or consent of instructor.

NURS 300 Transition to Professional Nursing Practice – 2 hours. Examination of the role transition process as well as issues within nursing and the health care system which impact professional nursing practice. Two classroom hours per week.

Change description and credit hours to:

NURS 300 Transition to Professional Nursing Practice – 4 hours. Exploration of the role transition process as well as issues within nursing and the health care system are the focus. Examination of the theoretical basis for professional nursing practice and review and expansion of computer skills are emphasized. Four classroom hours per week.

NURS 304 Comprehensive Health Assessment of Individuals – 3 hours. Application of cognitive and psychomotor skills in conducting comprehensive health assessment of individuals. Two classroom hours and an average of three clinical hours per week. Prerequisites or concurrent enrollment in: 300 or permission of instructor.

Change title, description, and credit hours to:

NURS 304 Comprehensive Health Assessment for Nursing Practice – 4 hours.

Comprehensive health assessment, including a nursing health history and skills of physical examination, will be integrated into nursing practice with clients throughout the life span. The relationship among physical findings, laboratory/diagnostic studies, and symptoms of health needs will be explored. Three classroom hours and three clinical hours per week. Prerequisite or concurrent enrollment in: 300 or consent of instructor.

NURS 318 Nursing Care of Families in Stress and Crisis – 3 hours. Application of family and crisis theories in caring for families experiencing stressful and/or catastrophic events. Two classroom hours and an average of three clinical hours per week. Prerequisite: 300.

Change description and prerequisites to:

NURS 318 Nursing Care of Families in Stress and Crisis – 3 hours. Crisis Theory, Family Systems Theories and Family Stress Theories are applied in assessing families' responses to stressful events and in providing therapeutic nursing interventions to promote successful adaptation of families experiencing significant life changes. Three classroom hours per week. Prerequisites: 224, 226; or 300.

NURS 322 Research/Theoretical Basis for Nursing – 3 hours. Examination and application of clinical scholarship as the basis of professional nursing practice. Emphasis is on research in nursing as it relates to the study of clinical phenomena that have implications for the current and future practice of nursing. Three classroom hours per week. Prerequisites: 224, 226, 228; or 300; or consent of instructor. Prerequisites

UNDERGRADUATE APPROVALS – Course Revisions – School of Nursing – NURS 322: continued

or concurrent enrollment in Educational Psychology 302 or Health and Safety 340.

Change title, description, and prerequisites to:

NURS 322 Research/Theoretical Basis for Nursing Practice – 3 hours. Examination and application of clinical scholarship as the basis of professional nursing practice are the foci. Emphasis is on research in nursing as it relates to the study of clinical phenomena that have implications for the current and future practice of nursing. Three classroom hours per week. Prerequisites: 224, 226, 228; or consent of instructor. Prerequisite or concurrent enrollment in Educational Psychology 302 or Health and Safety 340

NURS 324 Nursing Care of Adults II – 4 hours. The course focuses on the nursing roles of provider of care, novice manager of care, and teacher in hospital and community settings. Emphasis is on utilizing critical judgment to promote optimal health among adults experiencing or recovering from illness. Two classroom hours and an average of four to eight clinical hours per week. Prerequisites: 224, 226, 228.

Change description and credit hours to:

NURS 324 Nursing Care of Adults II – 5 hours. The course focuses on the nursing roles of provider of care, novice manager of care, and teacher in hospital and community settings. Emphasis is on utilizing critical judgment to promote optimal health among adults experiencing or recovering from illness. Three classroom hours and an average of six clinical hours per week. Prerequisites: 224, 226, 228.

NURS 400 Topic in Nursing – 1-3 hours. Includes selected nursing topics as they relate to current issues, trends, and/or practices in nursing. Specific topics, some of which may have a clinical component, vary each semester. May be repeated if a different topic is studied. Prerequisites: 300, 322, 324, 342, 346, or consent of instructor.

Change description and prerequisites to:

NURS 400 Topics in Nursing – 1-3 hours. . Includes selected nursing topics as they relate to current issues, trends, and/or practices in nursing. Specific topics, some of which may have a clinical component, vary each semester. May be repeated if a different topic is studied. Prerequisite: consent of instructor.

NURS 420 Nursing Care of Families in the Community – 4 hours. Application of public health/public health nursing and family theory in caring for families who are members of vulnerable or high risk populations. Two classroom hours and an average of six clinical hours per week. Prerequisites: 300, 304, 306, 308, 318, and 322.

Change description to :

NURS 420 Nursing Care of Families in the Community – 4 hours. Application of public health/public health nursing and family theory in caring for families who are members of vulnerable or high risk populations. Three classroom hours and an average of three clinical hours per week. Prerequisites: 300, 304, 306, 308, 318, and 322.

UNDERGRADUATE APPROVALS – Course Revisions – School of Nursing: continued

NURS 450 Nursing Care of the Community – 4 hours. Application of community health nursing theory in promoting and protecting the health of populations at risk for disease and disability. Two classroom hours and an average of six clinical hours per week. Prerequisites: 300, 304, 306, 308, 318, 322, 420.

Change title, description, credit hours, and prerequisites to:

NURS 450 Population-Focused Community Health Nursing – 6 hours. The focus of this course is the professional nurse's role in working with aggregates in the community. Concepts and principles of public health nursing, wellness, health promotion, and national health objectives are emphasized. Four classroom hours and six clinical hours per week. Prerequisites: 318, 322, 324, 328, 330; or 300, 304, 318, 322.

NURS 470 Nursing Leadership – 3 hours. Synthesis and application of leadership and management theories in the practice of nursing. Two classroom hours and an average of three clinical hours per week. Prerequisites: 300, 304, 306, 308, 318, 322.

Change description and prerequisites to:

NURS 470 Nursing Leadership – 3 hours. The focus of this course is on the analysis, synthesis and practice of leadership and managerial theories and concepts in the context of nursing and dynamic health care delivery systems. Emphasis is placed on examining leadership and managerial roles in relation to tradition, change, and socially responsible nursing practice. Further emphasis is placed on the transition from the student role to that of leader and manager of client care. Three classroom

hours per week. Prerequisites: 424; or 300, 304, 318, and 322.

GRADUATE APPROVALS

NEW COURSES

SCHOOL OF BUSINESS: Analytical - Finance

FIN *500 International Financial Management - 3 hours. This course deals with theoretical and practical issues of corporate financial management in an international environment. Emphasis is placed on decision making by multinational firms in capital budgeting, working capital management, and the procurement of funds in international markets. Prerequisite: MBA 622 or consent of MBA director.

** Course has an undergraduate equivalent*

FIN *534 Security Analysis and Portfolio Management - 3 hours. An examination of the precepts underlying the valuation of securities and an analytical handling of the various techniques of securities analysis. Prerequisite: MBA 622 or consent of MBA director.

GRADUATE APPROVALS – New Courses – School of Business – FIN 534: continued

** Course has an undergraduate level equivalent*

FIN *535 Speculative Markets - 3 hours. This course examines both practical and theoretical aspects of financial futures and option markets. Included will be discussions of theoretical models, hedging strategies, and practical uses of these securities. Prerequisite: MBA 622 or consent of MBA director.

**Course has an undergraduate level equivalent*

FIN *540 Financial Institutions - 3 hours. The institutional structure of the financial system surveys both the public and private sectors of our money and credit economy. Emphasis placed on understanding the impact of the commercial banking system, financial intermediaries, and public finance needs upon the conduct of business finance. Prerequisite: MBA 622 or consent of MBA director.

**Course has an undergraduate level equivalent*

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety

HLTH 691 Internship in Community Health Promotion - 3 hours. Intensive 20 hour-a-week supervised experience in a community health promotion setting approved by the department.

COURSE REVISIONS

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety

HLTH 617 Policy in Health and Safety - 3 hours. This course enables the student to develop systematic and analytical frameworks for understanding and analyzing health and health care policy issues. It is designed to raise questions concerning practical issues in health care policy and to introduce the student to analytical techniques relevant to health care decision-making.

Change title and description to:

HLTH 617 Health Behavior Theories - 3 hours. Introduction of theories and concepts to health promotion. Applications of theory to health promotion practice and research.

HLTH 619 Seminar: Advanced Health Program Planning , Coordination - 3 hours. The scope of the course will include the following program components: needs assessment, goal and priority establishment, outcome measurement, resources, monitoring, evaluation, and effectiveness.

Change title and description to:

HLTH 619 Seminar: Advanced Health Program Planning and Coordination - 3 hours. Advanced techniques in establishing community needs, setting objectives and goals, developing internal and external support, designing and implementing appropriate programs setting outcomes, and evaluating health promotion programs.

HLTH 628 Program Evaluation in Health and Safety - 3 hours. Advanced techniques and
GRADUATE APPROVALS – Course Revisions – School of HHP – HLTH 628: continued

methods of selecting, constructing, and utilizing instrument for evaluating all phases of health and safety programs, including development of evaluation reports. Actual practice in program evaluation is included. Prerequisites: 613, 624, or current enrollment in same.

Change title and description to:

HLTH 628 Seminar: Advanced Program Evaluation in Health and Safety - 3 hours. Advanced techniques in the design, implementation, and analysis of health programs, including the selection and analysis of appropriate instrumentation.

GRADUATE PROGRAM REVISION TO GO **TO THE BOARD OF TRUSTEES**

College of Arts & Sciences: Geography, Geology, & Anthropology

Master of Arts: Geology

Approved by Graduate Council (7-0-0)

Approved by Faculty Senate Executive Committee (9-0-0)

Approved by Faculty Senate (32-0-0)

Executive Summary:

The Masters degree in Geology is designed to allow students to pursue research and training in specific fields of geology to prepare them for careers in academia or industry. This

proposal seeks to change the current designation from Master of Arts (MA) to Master of Science (MS) This name change does not require any change in credit hours or requirements, however we propose that the course offerings be updated to reflect changes in staff and emphases in the last decade.

Rationale:

The graduate degree in Geology was originally designated Master of Arts because there is a thesis requirement in our program. However, there is no consistency of usage of MA and MS at ISU. There are several MS degrees with thesis here (e.g. Physics, Life Sciences etc.). We are proposing the change in designation from Master of Arts to Master of Science because

- it better reflects the physical science content of the program
- it brings us into line with other Masters programs in geology in the region and nation
- it makes us more competitive to prospective students

The Master of Science in Geology is the preferred graduate degree by students and employers (American Geological Institute). There is no certification or national standard for a Masters degree in Geology except that the content of the program must be dominantly Geology (American Geological Institute). A random examination of other graduate programs in geology in the region and nationally shows that although these programs are quite variable there is a *GRADUATE APPROVALS – Program Revision sent to Board of Trustees – M.S. Geology: continued*

general family resemblance:

- The MS is the preferred format (IU, Purdue, IUPUI, U of Illinois, Ball State)
- Course of study is flexible
- 30 to 34 hours with a concentration in Geology
- Thesis requirement
- 6 hours in the allied sciences and mathematics

Our current program meets all these requirements. Therefore, we see no compelling reason why the original designation has to remain as it has put us at a competitive disadvantage in recruiting graduate students. This change will better enable us to maintain a vibrant graduate program in Geology at ISU.

CURRENT CATALOG COPY

Master of Arts – Geology (32 semester hours minimum)

Research: Geology 699 – 6 hrs

Major: Geology 661- 3 hrs; 3 hours from 580, 583, 584, or 586; 3 hours from 555, 664, or Geography 518; 3 hours from 552, 657, or 668

Electives: 8 hours in Geology

Other requirements: A 6-hour minor in chemistry, geography, life sciences, mathematics or physics.

Culminating Experience: Successful defense of thesis

In general, one half of the credit hours must be taken in courses numbered 600 or above.

PROPOSED CATALOG COPY

Master of Science – Geology (33 semester hours minimum)

Research: Geology 699 – 6 hrs; Geology 661- 3 hrs;

Major: 9 hours from Geology 662, 668, 664, 685, 666, or 657

Electives: 9 hours in Geology

Other requirements: A 6 hour minor in chemistry, geography, life sciences, mathematics or physics.

Culminating Experience: Successful defense of thesis

GRADUATE APPROVALS – Program Revision sent to Board of Trustees – M.S. Geology: continued

Comparison of Old and New Programs

CURRENT

PROPOSED

Master of Arts in Geology		Master of Science in Geology	
Research GEO 699 (Thesis) 6 hours	6	Research (see a in explanation) GEOL 699 (Thesis) 6 hours GEOL 661 (Research) 3 hours	9
Major GEOL661 Advanced Research 3 3 Hours from GEOL580 Optical Mineralogy 3 GEOL583 Economic Geology 3 GEOL584 Unknown 3 GEOL586 Geophysics 3 3 Hours from GEOL555 Groundwater Hydrology 3 GEOL664 Regional Geology 3 GEOG518 Soils 3 3 Hours from GEOL552 Quaternary Env 3 GEOL657 Advanced Geomorphol. 3 GEOL668 Remote Sensing 3	12	Major (see b and c in explanation) 9 hours of 600-level from GEOL662 Advanced Igneous Pet 3 GEOL668 Remote Sensing 3 GEOL664 Regional Geology 3 GEOL685 Sandstone Petrology 3 GEOL666 Precambrian Geology 3 GEOL657 Advanced Geomorph 3	9
Electives 8 hours in Geology	8	Electives 9 hours in Geology from approved list (see d in explanation below)	9
Minor 6 hours in Chemistry, Geography, Life Sciences, Math, or Physics	6	Minor 6 hours in Chemistry, Geography, Life Sciences, Math, or Physics	6
TOTAL	32	TOTAL	33

Explanation of changes

- a. Geology 661 is primarily used as a research course to develop the thesis proposal so it is moved up to the Research section

b. The grouping of courses in the original catalog copy was conceived to represent three *GRADUATE APPROVALS – Program Revision sent to Board of Trustees – M.S. Geology: continued*

perceived disciplinary “tracks” in Geology graduate course offerings. These tracks are no longer relevant as:

- (i) There was no consistency in their make-up
- (ii) Some courses no longer exist
- (iii) New courses that have been developed to represent new research emphases are not included

- c. The change in the Major to consist of 9 hours of non-research coursework at the 600-level is to ensure that the graduate geology content is maximized.
- d. Elective hours are increased to 9 because it is not possible to fulfill just 8 hours as originally stated.
- e. Total minimum number of hours has increased to 33 because of (d).

GRADUATE PROGRAM REVISION

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety

M.A. in HEALTH & SAFETY - Specialization in Community Health Promotion

Approved by the Graduate Council on February 21, 2001

PLEASE NOTE THAT AREAS OF THE PROPOSAL THAT WERE CHANGED ARE SHOWN IN BOLD ITALICS.

SUMMARY:

The intent of this proposal is to refocus this graduate specialization from preparing students to administer hospital and health-care-facility departments to pursuing careers and advanced study in the field of community health promotion. To accomplish this change, the department proposes to implement one new course, add one existing course to the specialization, delete one course from the specialization, and modify two existing courses. The current program requires the student to complete 33-36 hours of study, depending upon whether the student chooses the research project or thesis option. The proposed program requires the student to complete 33 hours as a result of eliminating the research project as an option and, if lacking in education or experience, requiring the student to complete an introductory course in the field.

RATIONALE:

This specialization was implemented in the mid-1980s, during a time when many primary health-care professionals had the opportunity to advance in their organizations *[as managers]*, but lacked administrative experience and education *[to do so]*. *[At that time the specialization in Health Program and Facility Administration]* satisfied an important need for a decade or more, and provided many graduates with the means to achieve a position equivalent to department head in

GRADUATE APPROVALS – Program Revision – Specialization in Community Promotion: continued

hospitals and other health-care facilities.

[By the 1900s the health care industry was in a state of severe retrenchment. Departments and entire facilities were downsized and eliminated. But concurrently, at no other time in our history has the prevention of premature death and illness been so important. With the increasing aging population and soaring insurance costs, the focus on health care began to increasingly include health promotion – that is, an attempt to, in essence, keep people well, thereby improving and extending quality of life and decreasing our dependence on primary care. With this change

in focus, the need for the Health Program and Facility Administration specialization obviously dwindled.]

As we move into the new millennium, medium and large organizations are increasingly spending more time and money on health promotion as a way of increasing productivity and decreasing *[illness and capping]* the rate of increase of health premium *[increases]*. *An example of this is a shift from only hospital education for newborns to increased prenatal care as well as extensive post natal care and training in parenting skills. Today there is a need for much wider range of health programming and planning necessary, thus the need for professional development and specialization in the area of health promotion. This proposed revision responds to this shift of focus from the 1980s, and provides training in health promotion in order to supply graduates with the knowledge required to assume greater responsibility for health promotion activities within their organization and community.]*

[As stated above there is an increasing need for health promotion professionals and many undergraduates are recognizing that need. Indications of that need are seen in the literature, as well as requests for information from students attending college fairs. (It has been reported that numerous requests about such a specialization have been made to ISU representatives attending these fairs.)]

CURRENT CATALOG COPY

DEGREES IN HEALTH AND SAFETY

Master of Arts

Master of Science

AREAS OF SPECIALIZATION

Health and Safety with Specialization in:

Health and Safety (For Teacher Licensure)

Health Program and Facility Administration

Occupational Safety Management

CURRICULA

The master's degree program in health and safety requires a minimum of 32 semester hours of which at least one-half must be at the 600 level. A minimum of 18 to 21 hours (depending on the area of specialization) must be taken within the department, and a minimum of 6 credit hours must be taken outside the department. Two degrees are offered: the Master of Arts, requiring a six-hour thesis; and *GRADUATE APPROVALS – Program Revision – Specialization in Community Promotion: continued*

the Master of Science, which entails a three-hour individual field research project. The minimum time to complete the course of study is normally one full calendar year. It would be realistic, however, to plan for more than one year of study if the thesis option is selected.

Specializations: Any one of the following:

Health Program and Facility Administration

This specialization is designed for those interested in achieving administrative positions in

the field of health program and facility administration. The curriculum, which leads to a master's degree in health and safety with a specialization in health program and facility administration, is applicable for administration of voluntary health agencies, health facilities, programs of health centers, and public health departments. It provides practicing health professionals with an opportunity to gain the necessary qualifications to enter the field of administration. Content areas addressed in this discipline include program planning and evaluation, policy analysis, law, management, and labor relations. Students who successfully graduate from this curriculum will become professionals adept in human relations with expertise in technical health issues as well as administrators.

Research: 601 – 3 hrs.; 604 – 3 hrs.

Required (12 hours as approved by advisor): 612 – 3 hrs.; 617 – 3hrs.; 619 – 3 hrs.;
622 – 3 hrs.; 626 – 3 hrs.; 628 – 3 hrs.

Other: 6 hours non-departmental courses as approved by advisor.

Electives: 3-6 hours of health and safety courses approved by advisor.

Culminating Experience: 629 – 3 hrs. or 699 – 6 hrs.

PROPOSED CATALOG COPY

DEGREES IN HEALTH AND SAFETY

Master of Arts

Master of Science

AREAS OF SPECIALIZATION

Health and Safety with Specialization in:

Health and Safety (For Teacher Licensure)

Community Health Promotion

Occupational Safety Management

CURRICULA

The master's degree program in health and safety requires a minimum of 32 semester hours of which at least one-half must be at the 600 level. A minimum of 18 to 24 hours (depending on the area of specialization) must be taken within the department, and (again, depending on the area of specialization) a minimum of 6 credit hours must be taken outside the department. Two degrees are offered for *GRADUATE APPROVALS – Program Revision – Specialization in Community Promotion: continued*

some of the specializations: the Master of Arts, requiring a six-hour thesis; and the Master of Science, which entails a three-hour individual field research project. The minimum time to complete the course of study on a full-time basis is normally one full calendar year. It would be realistic, however, to plan for more than one year of study if the thesis option is selected or if the specialization requires the thesis.

Specializations: Any one of the following:

Community Health Promotion Specialization (33 semester hours)

The Master of Arts [*program*] in Community Health Promotion provides a general mastery of community health promotion beyond the undergraduate level. It is particularly recommended for those students who a) wish to advance in their career beyond the local level, b) wish to assume additional organizational responsibility, or c) wish to pursue the doctorate.

General requirements include a minimum of 33.0 semester hours, which includes an internship and a thesis. Requirements to meet deficiencies must be satisfied early in the student's program.

Deficiencies:

Students who do not have either experience or education in the field of community health promotion are required to take the following course.

HLTH 602 Introduction to Community Health Promotion - 3 hrs.

Research: 12 semester hours.

Original research and the writing of a thesis (699 - 6 hrs.) is considered to be an extremely important part of the requirements leading to the degree.

HLTH 601 - Research Methodology in Health and Safety - 3 hrs.

HLTH 604 - Research Design and Data Analysis in Health and Human Performance - 3 hrs.

HLTH 699 - Thesis - 6 hrs.

Required: 21 semester hours

HLTH 609 - Applied Communications in Health and Safety – 3 hrs.

HLTH 612 - Epidemiology and Infection Control of Environments – 3 hrs.

HLTH 617 - Health Behavior Theories – 3 hrs.

HLTH 619 - Seminar: Advanced Health Program Planning and Coordination – 3 hrs.

HLTH 626 -Supervision and Management in Health and Safety – 3 hrs.

HLTH 628 -Seminar: Advanced Program Evaluation in Health and Safety – 3 hrs.

HLTH 691 - Internship in Community Health Promotion – 3 hrs.

GRADUATE APPROVALS – Program Revision – Specialization in Community Promotion: continued

PROGRAM COMPARISON

OLD Program	Hours	NEW Program	Hours
Health Program and Facilities Administration		Community Health Promotion	
Research			
HLTH 601 - Research	3	HLTH 601 - Research	3
HLTH 604 - Statistics	3	HLTH 604 - Statistics	3
HLTH 629 – Research Project	3	Delete from program	

or		HLTH 699 - Thesis	6
HLTH 699 - Thesis	6		
Total Research	[9-] 12	Total Research	12
Required Courses			
--			
--		HLTH 609 – Applied Communication in Health and Safety ³	3
HLTH 612 – Epidemiology	3	HLTH 612 – Epidemiology	3
HLTH 617 – Policy in Health and Safety	3	HLTH 617 – Health Behavior Theories ⁴	3
HLTH 619 – Seminar: Health Program Planning, Coordination	3	HLTH 619 – Seminar: Advanced Health Program Planning and Coordination ⁴	3
HLTH 622 – Administration of Health Programs and Facilities	3	Delete	
HLTH 626 – Supervision and Management in Health and Safety	3	HLTH 626 – Supervision and Management in Health and Safety	3
HLTH 628 – Program Evaluation in Health and Safety	3	HLTH 628 – Seminar: Advanced Program Evaluation in Health and Safety ⁴	3
		HLTH 691 – Internship in Community Health Promotion ¹	3
Total Required	Select 12	Total Required	21 – 24
Electives			
Non-departmental	6	Non-departmental or departmental	0
Departmental	3 – 6		
Total Electives	9 – 12	Total Electives	0
Total Program	33 – 36	Total Program	33
Deficiencies			
		HLTH 602 – Introduction to Community Health Promotion ¹²	3
		Total Program and Deficiencies	36

GRADUATE APPROVALS – Program Revision – Specialization in Community Promotion: continued

¹ New Course

² Required if student lacks background in field

³ Existing course being added to program

⁴ Revision of existing course

COURSES FOR REACTIVATION

COLLEGE OF ARTS & SCIENCES: Psychology

PSY 555 Animal Behavior – 3 hours. Introduction to the comparative study of animal,

primarily infrahuman, behavior. Prior study in experimental approaches to behavior and/or zoology is recommended.

COURSES SCHEDULED FOR ANNUAL BANKING

SCHOOL OF EDUCATION: Communication Disorders & Special Education

CD 595B (no description available)

CD 595C (no description available)

CD 595D (no description available)

SPED 584 **Early Childhood Education of the Handicapped – 3 hours.** An in-depth examination of the development of young exceptional children and the specific nature of handicapping conditions. Observation and participation in field settings are required.

SPED 585 (no description available)

SPED 792 **Field Research Project – 3 hours.** Designed to permit an advanced graduate student to test a theory or hypothesis related to school psychological services. Emphasis will be placed on the design, application, and evaluation of the project by the student and the faculty. May be repeated with the consent of Chairperson of the Department.

SPED 799 **Advanced Thesis – 6 hours.** For candidates for the educational specialist degree. Offered by arrangement with the chairperson of the student's thesis committee.

SCHOOL OF EDUCATION: Curriculum, Instruction, & Media Technology

CIMT 521 **Practicum Experience – 1-8 hours.** Practicum experience to meet the needs of the individual student. Prerequisites: Phase II, TEP II, academic methods, and approval of the Department of Curriculum, Instruction, and Media Technology. The practicum

GRADUATE APPROVALS – Courses Scheduled for Annual Banking – CIMT 521: continued

is a substitute experience for persons who are not required to complete student teaching but who need supervised field experience. Additional work in research, project activity, or reading is required. No more than 3 hours may apply toward a master's program.

CIMT 540 **Principles of Visual Reproduction – 3 hours.** An introduction to principles of visual reproduction. Still photography and motion videography and basic principles of digital and analog reproduction techniques will be discussed. Learners will experience principles of still photography, video production and post-production, and PhotoCD storage.

- CIMT 551M Practicum in the Junior High/Middle School – 2-3 hours.** This student teaching experience is additionally required of those elementary teachers who are adding a junior high/middle school endorsement. Prerequisites: completion of 410M and approval of the Department of Curriculum, Instruction, and Media Technology.
- CIMT 552 Classroom Management and Discipline – 3 hours.** An elective course designed to provide the student with opportunities to expand his/her disciplinary techniques, become acquainted with and practice skills in dealing with problem students, clarify values, and increase self-awareness in the role of teacher.
- CIMT 554 Discipline Workshop: Behavioral and Classroom Management – 3 hours.** A workshop designed to provide participants with classroom management skills, disciplinary alternatives for solving behavior problems, and current thought in the field of discipline and classroom management.
- CIMT 562 Advanced Student Teaching – 1-8 hours.** An elective course designed to provide field experience for students seeking additional endorsements or developing specific teaching competencies. Prerequisite: approval of the Department of Curriculum, Instruction, and Media Technology. No more than 3 hours may be applied to graduate degree requirements.
- CIMT 580 Introduction to Reading – 3 hours.** Exploration of the field of developmental reading as an area of study. The course is designed to acquaint students with the breadth of concerns of the secondary school reading teacher.
- CIMT 591 Diagnostic and Corrective Reading Procedures in the Classroom – 3 hours.** Analysis, diagnosis, prescription, and correction of developmental reading problems of the secondary school student. Required laboratory work involves experiences with pupils at the appropriate grade levels. Prerequisite: foundations of reading course.
- CIMT 592 Trends and Issues in Reading Instruction – 3 hours.** This course enables the student to examine current concerns, to become acquainted with the controversial
- GRADUATE APPROVALS – Courses Scheduled for Annual Banking – CIMT 592: continued*
- issues, and to develop insight into emerging trends in the teaching of reading.
- CIMT 671 Examination, Utilization, and Evaluation of Educational Microcomputer Software – 3 hours.** Participants will be introduced to evaluation techniques and methods of implementation of software in the classroom. They will examine, use, and evaluate instructional and teacher-utility software.
- CIMT 679 Field Laboratory in Education – 2-5 hours.** Special problems in local school systems. May be repeated for credit with change of topic, but no more than 6 hours may count toward meeting degree requirements.

- CIMT 868 Seminar in Secondary Education – 3 hours.** A seminar for the advanced graduate student that analyzes problems and issues in the field of secondary education with an emphasis upon integration of knowledge as one means of providing solutions to complex problems.
- CIMT 885 Practicum in College Teaching – 3 hours.** Designed to provide doctoral students with experience in teaching at the college level. The student taking this course is assigned to a professor who supervises his or her teaching of an appropriate course. The course taught by the student may be in any department in which he or she is judged to be competent for such teaching. Students will also be required to participate in a two-hour seminar session each week, which will be devoted to analysis of problems encountered in their teaching.

SCHOOL OF EDUCATION: Educational & School Psychology

- SPSY 562 Psychoeducational Strategies with the Emotionally Disturbed – 3 hours.** A survey of a variety of psychoeducational strategies emanating from different theoretical models and practice in their application. Prerequisite: 451 or equivalent.
- SPSY 586 Mental Hygiene – 3 hours.** Behavior from the standpoint of maturation; problem behavior; its causes and remedial measures. Includes specific case studies and discussion of case histories.
- SPSY 695 Research in School Psychology – 3 hours.** An intensive study of research relating to school psychology.
- SPSY 799 Advanced Thesis – 6 hours.** A special committee must approve preliminary plans for the project and supervise the work until it is completed.

GRADUATE APPROVALS : continued

COURSE DELETIONS

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety

- HLTH 622 Administration of Health Programs and Facilities - 3 hours.** Topic areas include: administrative processes; management and health care delivery; perception and motivation work designs; technological resources for health; health facilities and environment; organizational efficiency and effectiveness; health services planning; laws and regulations; quality assessment methods; and evaluation of program costs.

CORRECTIONS

The following is a correction of the text that appeared as a **PROPOSAL** in the February 26, 2001 issue of *Academic Notes*. The corrected portion is shown in [bold-italics within bold-italic brackets***].

UNDERGRADUATE PROPOSALS

NEW COURSES

COLLEGE OF ARTS & SCIENCES: History

HIST *442 [***War***], Religion, and Culture: Christians and Muslims in the Mediterranean World, 1000-1600 – 3 hours. This cross-cultural course will examine patterns of cooperation and conflict between Christian and Muslim societies in a region subject to a common geography, ecology, and climate. Combining lecture and discussion formats, the class will concentrate upon the following topics: the Mediterranean as a connected structure, the forging of a pluralist culture and the “grand clash” of destiny between Christians and Muslims in Spain; transmission to Europe of Muslim scientific discoveries and the Greco-Roman legacy; the Crusades as an episode of conflict and peace interchange; the 16th Century “World” War between Hapsburg Spain and the Ottoman empire; Malta as the new frontier between East and West. By exposing students to a variety of cultures, this course will facilitate an understanding of human diversity and complexity, promote respect, if not acceptance, for peoples different from ourselves, arouse interest in cross-cultural approaches to historical study, and expose students to an exciting and important world region.

**Course has a graduate level equivalent*

CORRECTIONS – Undergraduate Proposals – New Courses: continued

SCHOOL OF NURSING

NURS 164 **Drug Therapy II – 1 hour.** This course builds on Introduction to Drug Therapy I. The student will learn drugs used in maternity nursing and nursing of adults in acute care and home settings with concern for safety, accuracy, and consideration of factors that affect pharmacokinetics. One classroom hour per week. Prerequisites: 151; 152; [***153***]; 154; Communications 101; Information Technology Requirement; Psychology 101; Life Sciences 231 and 231L; Chemistry 100 and 100L; Educational Psychology 221 or Psychology 266 or Family and Consumer Sciences 103; Life Sciences 241 and 241L; English 105 or 107.

COURSE REVISIONS

NURS 224 Nursing Care of Adults I – 4 hours. The course expands on the assessment and clinical skills learned in previous courses. The nursing role of provider of care in hospital and community settings is the focus. Emphasis is on utilizing critical judgment to promote optimal health among adults experiencing or recovering from illness. Three classroom hours and an average of two to four clinical hours per week. Prerequisites: 200, 204, 206, Life Sciences 274 and 274L. Prerequisite or concurrent enrollment in: 228.

Change description, credit hours, and prerequisites to:

NURS 224 Nursing Care of Adults [I] – 5 hours. The course expands on the assessment and clinical skills learned in previous courses. The nursing role of provider of care in hospital and community settings is the focus. Emphasis is on utilizing critical judgment to promote optimal health among adults experiencing or recovering from illness. Three classroom hours and an average of six clinical hours per week. Prerequisites: 106, 200, 204, Life Sciences 274 and 274L. Prerequisite or concurrent enrollment in: 228.

NURS 225 Nursing Care of the Adult II – 6 hours. The roles of the nurse within the health care system are further studied with emphasis on the roles of provider of care manager of patient care and patient teacher. Focus of the course is the well-defined unmet disturbances in relation to the internal and external environments. The nursing process is used to assist adults in their recovery from illness or to facilitate death with dignity. Four classroom hours per week and an average of eight clinical hours per week. Prerequisites: 205; 215.

Change number, title, description, and prerequisites to:

NURS 252 Nursing Care of Adults with Complex Health Alterations – 6 hours. The *[roles]* of the nurse within the health care delivery system are further studied with emphasis on the roles of provider of care and manager of care. Emphasis is also placed on critical thinking, communicating, professional development, and the economic impact of health care. The focus of the course is the management of the health needs of adults experiencing complex health disturbances. The nursing process is used to

CORRECTIONS – Undergraduate Proposals – Course Revisions – NURS 252: continued

assist adults and families to meet health needs within structured and semi-structured settings. Four classroom hours per week and a range of four to eight clinical hours per week. Prerequisites: 160; 162; 164; prerequisite or concurrent enrollment in 254.

NURS 424 Nursing Care of [Adults III] – 4 hours. *[The course focuses on the nursing roles of provider care, manager of care, member within the profession, and teacher in hospital and community settings. Emphasis is on utilizing critical judgment to promote optimal health among adults experiencing or recovering from complex illnesses. Three classroom hours and an average of two to four clinical hours per week. Prerequisites: 324, 342, and 346.]*

Change description, credit hours, and prerequisites to:

NURS 424 Nursing Care of [Adults III] – 5 hours. The course focuses on the nursing roles of

provider of care, manager of care, member within the profession, and teacher in hospital and community settings. Emphasis is on utilizing critical judgment to promote optimal health among adults experiencing or recovering from complex illnesses. Three classroom hours and six clinical hours per week. Prerequisites: 324.

GRADUATE PROPOSALS

NEW COURSES

HIST *542 [War], Religion, and Culture: Christians and Muslims in the Mediterranean World, 1000-1600 – 3 hours. This cross-cultural course will examine patterns of cooperation and conflict between Christian and Muslim societies in a region subject to a common geography, ecology, and climate. Combining lecture and discussion formats, the class will concentrate upon the following topics: the Mediterranean as a connected structure, the forging of a pluralist culture and the “grand clash” of destiny between Christians and Muslims in Spain; transmission to Europe of Muslim scientific discoveries and the Greco-Roman legacy; the Crusades as an episode of conflict and peace interchange; the 16th Century “World” War between Hapsburg Spain and the Ottoman empire; Malta as the new frontier between East and West. By exposing students to a variety of cultures, this course will facilitate an understanding of human diversity and complexity, promote respect, if not acceptance, for peoples different from ourselves, arouse interest in cross-cultural approaches to historical study, and expose students to an exciting and important world region.

**Course has an undergraduate level equivalent*