



Academic Notes

September 21, 2009

AN 2009-2010

CORE TRANSFER LIBRARY – STATE MANDATED PROJECT

Indiana State University has been a full participant in the state mandated Core Transfer Library (CTL) that charged each public institution of higher education with creating a list of at least 70 courses that transfer to all campuses within the public higher education system. The initial results of this project were published in Academic Notes on July 2, 2007. Since that time, additional courses have been approved and added to the CTL list. Following the previous procedure, each entry was approved the dean's office in the appropriate college and by the Provost's office. Any change to these courses will necessitate a similar approval process at each of the Indiana public institutions.

A similar process has begun to include the independent or privately funded colleges in Indiana. That process is ongoing and will be included on the Commission for Higher Education transfer web site. Details of the CTL project and other statewide Indiana transfer projects can be found at: <http://www.TransferIn.net/> A newly reformatted site will be launched in Fall 2009.

A complete list of all ISU CTL courses is below. Each course has been identified in *u.select* and will be given a TransferIN attribute identified for students during registration and in the catalog. Some of the CTL Category descriptions were changed since the first publication. Please contact the Office of Degree Audit and Transfer for questions or further details.

CTL CATEGORY	ISU Course
Abnormal Psychology	PSY 368
Accounting 1	BUS 201
Accounting 2	BUS 202
Acting, Introduction to	THTR 150
Algebra, College	CNT: subject
American Government	PSCI 201
American History 1	HIST 201
American History 2	HIST 202
American Literature 1	CNT: sequence
American Literature 2	CNT: sequence
Art Appreciation	ART 151
Art History 1	ARTH 271
Art History 2	ARTH 272
Astronomy, Introduction to	CNT: level
<i>Biology 1 w/lab, College *</i>	BIO 101/L

<i>Biology 2 w/lab, College *</i>	BIO 102/L
Biology, Introduction to	CNT: subject
Business, Introduction to	MGT 140
Calculus - Long 1	MATH 131
Calculus - Long 2	MATH 132
Calculus - Short 1	CNT: sequence
Calculus - Short 2	CNT: sequence
<i>Chemistry 1 w/lab, General *</i>	CHEM 105/L
<i>Chemistry 2 w/lab, General *</i>	CHEM 106/L
Chemistry, Survey of	CHEM 100/L
Children's Literature	ENG 280
Creative Writing, Introduction to	ENG 219
Criminal Justice, Introduction to	CRIM 150
Developmental Psychology	PSY 266
Drawing	ARTS 101
Earth Sciences	GEOL 160/L
Economics, Introduction to	ECON 100
English Composition 1	ENG 101
English Composition 2	ENG 105
English World Literature 1	ENG 236
English World Literature 2	ENG 237
Ethics	PHIL 201
Finite Math	MATH 201
First Aid	HLTH 211/L
French Level 1	FREN 101
French Level 2	FREN 102
French Level 3	FREN 201
French Level 4	FREN 202
German Level 1	GERM 101
German Level 2	GERM 102
German Level 3	GERM 201
German Level 4	GERM 202
Human Biology	BIO 112/L
Human Nutrition	FCS 201
Human Sexuality	CNT: subject
Interpersonal Communication	CNT: level
Linguistics, Introduction to	LING 210
Literature, Appreciation of	CNT: subject
Macroeconomics	ECON 200
Mass Communication, Introduction to	COMM 204
Math Applications	MATH 102
Medical Terminology	ATTR 225

Microbiology for the Health Sciences	BIO 274/L
Microcomputer, Introduction to	CS 101
Microeconomics	ECON 201
Music Appreciation	MUS 233
Organic and Biochemistry w/lab	CHEM 104/L
Personal Finance	CNT: level
Philosophy of Religion	CNT: level
Philosophy, Introduction to	PHIL 101
Physical Science, Introduction to	PHYS 101/L
<i>Physics 1, Algebra Based *</i>	PHYS 105/L
<i>Physics 2, Algebra Based *</i>	PHYS 106/L
Physics 1, Calculus Based *	PHYS 205/L
<i>Physics 2, Calculus Based *</i>	PHYS 206/L
Poetry, Introduction to	CNT: subject
Political Science, Introduction to	PSCI 130
Psychology, Introduction to	PSY 101
Public Speaking, Fundamentals of	COMM 101
Social Problems	SOC 220
Social Psychology	PSY 270
Sociology, Introduction to	SOC 100
Spanish Level 1	SPAN 101
Spanish Level 2	SPAN 102
Spanish Level 3	SPAN 201
Spanish Level 4	SPAN 202
Technical Writing	CNT: level
Theatre Appreciation	THTR 174
Trigonometric Functions	MATH 112
World Language (Other) Level 1 **	
Arabic	ARBC 101
Chinese	CHIN 101
Greek	GRK 101
Hebrew	CNT: subject
Japanese	JAPN 101
Latin	LAT 101
Russian	RUSS 101
World Language (Other) Level 2 **	
Arabic	ARBC 102
Chinese	CHIN 102
Greek	GRK 102
Hebrew	CNT: subject
Japanese	JAPN 102
Latin	LAT 102

Russian	RUSS 102
World Language (Other) Level 3 **	
Arabic	CNT: subject
Chinese	CNT: subject
Greek	GRK 201
Hebrew	CNT: subject
Japanese	JAPN 201
Latin	LAT 201
Russian	RUSS 201
World Language (Other) Level 4 **	
Arabic	CNT: subject
Chinese	CNT: subject
Greek	GRK 202
Hebrew	CNT: subject
Japanese	JAPN 202
Latin	LAT 202
Russian	RUSS 202
World Politics, Introduction to	CNT: level
* Paired courses in italics must be taken together.	
** Includes Arabic, Chinese, Greek, Hebrew, Japanese, Latin and Russian.	
CNT - Course Not Taught	

FIELD TRIPS

UNIVERSITY HONORS PROGRAM

Under the leadership of the field trip faculty leader, Marilyn Bisch, students will have the opportunity to explore the Indianapolis Children's Museum and the special exhibit Tutankhamun: The Golden King and the Great Pharaohs. A Turner Coach will leave with the participants from the university at 9:15 a.m., and will return at 8:45 p.m. on Friday Oct 16, 2009.

A list of participating students will be on file in the office of Dr. Greg Bierly, Director of the University Honors Program.

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR FALL 2009**

Below is the circulation schedule for the electronic copy of *Academic Notes* through December 14, 2009. 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. Submissions must be in hard copy along with an e-mail, disk, or CD with the same information. The electronic version must be formatted either in Word with pages with signatures scanned and inserted as a picture OR PDF saved as text and image. (Do NOT send PDF just saved as an image.) Information submitted to Academic Notes that is not accompanied by an electronic version or that is incomplete or unusable will be returned to the appropriate office. Academic Notes is available using Acrobat Reader at http://www.indstate.edu/academicaffairs/academic_notes.htm

ACADEMIC NOTES PUBLICATION SCHEDULE
FOR FALL 2009

<u>Deadline for Items</u>	<u>Issue Date</u>
September 23	September 28
September 30	October 5
October 7	October 12
October 14	October 19
October 21	October 26
October 28	November 2
November 4	November 9
November 11	November 16
November 18	November 23
November 25	November 30
December 2	December 7
December 9	December 14

ACALOG NOTE

The format for curriculum proposals has changed to correspond with the structure of Acalog, the new version of the electronic catalogs. Some proposals will be published under the old structure and some under the new structure during this transition period.

Improved Electronic Catalog

The new electronic version of the undergraduate catalog is posted at <http://www.indstate.edu/academics/catalogs.htm> Some advantages of the new format are:

- It is easily searchable and searchable from the internet
- It is easier for students and advisors to find and choose the courses students need
- Students create a personal portfolio of courses in which they are interested
- Links to information such as department web sites, advising information, and video clips can easily be added
- Every page can easily be printed.

If you have questions, please contact Academic Affairs, extension 3662.

CURRICULUM

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UNDERGRADUATE APPROVALS

NEW PROGRAMS

COLLEGE OF ARTS AND SCIENCES: Geography, Geology, and Anthropology

Environmental Sciences Minor (20 credits)

CIP Code: 400601 Major Code: _____

Brief Summary:

The minor in Environmental Sciences provides students with an introduction to the scientific disciplines within the EES department that comprise the environmental sciences. The minor will consist of core courses in Introduction to Environmental Sciences (ENVI 110/110L), Earth Sciences (ENVI 170/170L), Conservation and Sustainability of Natural Resources (ENVI 460), and Human Ecology (ENVI 440) or Human Discovery: Human-Environment Interactions (ENVI 449). In addition, students will complete 6 credit hours in environmentally related sciences at the 300-400 level in consultation with the minor advisor. These electives may be completed in environmentally-oriented courses offered by other science departments.

Student Learning:

Our alumni and industry surveys indicate that additional education is needed in the environmental field. Faculty with training in environmental sciences are scattered in a number of departments on campus. The EES department will have the greatest concentration of these faculty, and thus be a natural home for a program devoted to exposing undergraduates to the environmental sciences and the research programs and expertise of faculty dealing with environmental problems.

Students who complete this minor will have a basic understanding of environmental processes and the scientific methods necessary to make informed decisions about environmental issues. This minor will specifically enhance the education and career potential of students in other science disciplines that are closely allied to environmental sciences.

Program effectiveness will not be adversely affected by this change as courses in the minor are already taught in the Department. No new resources or changes in time commitment by faculty are necessary for this minor. Additionally, we expect enrollments in classes to increase.

Proposed Catalog Copy:

Environmental Sciences Minor (20 credits)

CIP Code: 400601 Major Code: _____

Required Courses: ENVI 110/110L-4 credits, ENVI 170/170L-4 credits, ENVI 440 or 449-3 credits, ENVI 460-3 credits

Electives: 6 credits at the 300-400 level in environmentally-related science courses selected in consultation with the minor advisor in the EES Department.

Preferred effective term: Fall 2009

PROGRAM REVISIONS

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Health, Safety, and Environmental Health Sciences

Health Sciences Major (64-73 credits)

CIP Code: 511504 Major Code: A232

Brief Summary:

We are proposing decreasing the number of courses required as part of the Health Sciences core requirements from 30 to 15 hours. We are requesting the core course requirements to be: HLTH 111, 221, 340, 392, and 480. We would also like to make it a requirement that each of the concentrations have a field experience course/component such as an internship or student teaching. This change in the core courses (which are required courses for students in each concentration) will allow us to be able to add more concentrations to the Health Sciences major and attract more students to the program and University. The change will allow for more flexibility in curriculum design.

Student Learning:

Decreasing the core courses required for the major will allow for more flexibility in curriculum development. It will allow us to add more concentrations which will allow students to have more options without requiring more resources from the University. By taking advantage of existing courses, no additional resources will be required unless the programs grow substantially in student numbers. All these programs are in fields of growth nationally and where there are shortages of prepared professionals.

Proposed Catalog Copy:

Health Sciences Major (63-73 credits)

CIP Code: 511504 Major Code: _____

The objectives of this degree program are to prepare health professionals to help maintain and improve the health, well-being, and quality of life of people; to prepare students to become health teachers; and to prepare students to pursue graduate education in a variety of related

fields.

Students completing the health sciences major must earn a minimum of a “C” grade in all required major courses (core, content, culminating experience, professional and foundation courses).

Students completing the school health concentration must be thoroughly familiar with the requirements for admission to the teacher education program and the teaching curriculum. Refer to the College of Education and the Department of Curriculum, Instruction, and Media Technology in this catalog.

All students must maintain a 2.5 grade point average in both the major courses and in their overall grade point average to graduate.

Health Sciences Core Courses (15 credits):

HLTH 111 - Personal Health Science and Wellness 3 credits

HLTH 221 - Community Health Concepts 3 credits

HLTH 340 - Health Biostatistics 3 credits

HLTH 392 - Educational Methods for Health and Safety 3 credits

HLTH 480 - Senior Seminar 3 credits

Public Health Concentration (49 - 51credits):

Health, Safety, and Environmental Health Sciences Courses:

HLTH 210 - Principles of Environmental Health 3 credits

HLTH 341 - Community Health Research Methods 3 credits

HLTH 360 - Epidemiology 3 credits

HLTH 393 - Cooperative Practice 2 credits

HLTH 401 - Substance Abuse Education 3 credits

HLTH 402 - Mental Health and Stress Education 3 credits

HLTH 403 - Communicable and Chronic Diseases, and AIDS 3 credits

HLTH 406 - Human Sexuality Education 3 credits

HLTH 424 - Health Promotion Planning 3 credits

HLTH 428 - Health Program Evaluation 3 credits

HLTH 446 - Individual, Community and General Safety Education 3 credits

HLTH 491 - Community Health Internship 3 credits

FCS 201 - Nutrition 3 credits

Other Required Courses:

PE 180 - Physical Fitness for Majors and Minors 1 credit

PSY 101 - General Psychology : Understanding Human Behavior 3 credits

Choose one from the following:

PSY 362 - Psychology of Personality 3 credits

PSY 368 - Introduction to Abnormal Psychology 3 credits

Choose one of the following groups:

ATTR 210 - Human Anatomy for Allied Health Professions 2 credits

PE 220 - Human Physiology for Allied Health Professions 2 credits

or

BIO 231 - Human Anatomy 2 credits

BIO 231L - Human Anatomy Laboratory 1 credit

BIO 241 - Human Physiology 2 credits
BIO 241L - Human Physiology Laboratory 1 credit

School Health Education Concentration (56 - 58 credits):

Health, Safety, and Environmental Health Sciences Courses:
HLTH 211 - Emergency Medical Care and Advanced First Aid 2 credits
HLTH 211L - Advanced Emergency Medical Skill Proficiency Laboratory 1 credit
HLTH 401 - Substance Abuse Education 3 credits
HLTH 402 - Mental Health and Stress Education 3 credits
HLTH 403 - Communicable and Chronic Diseases, and AIDS 3 credits
HLTH 406 - Human Sexuality Education 3 credits
HLTH 313 - Comprehensive School Health Education 3 credits
FCS 201 - Nutrition 3 credits

Other Required Courses:

CIMT 301 - Teaching I 3 credits
CIMT 302 - Teaching II 3 credits
CIMT 400 - Teaching III 3 credits
CIMT 400L - Teaching III Practicum 1 credit
CIMT 401 - Student Teaching 11 credits
CIMT 402 - Teaching an Integrated Unit 1 credit
EPSY 202 - Psychology of Childhood and Adolescence 3 credits
EPSY 341 - Education in a Multicultural Society 3 credits
SPED 226 - The Exceptional Learner in the Regular Classroom 3 credits

Choose one of the following groups:

ATTR 210 - Human Anatomy for Allied Health Professions 2 credits
PE 220 - Human Physiology for Allied Health Professions 2 credits
or:

BIO 231 - Human Anatomy 2 credits
BIO 231L - Human Anatomy Laboratory 1 credit
BIO 241 - Human Physiology 2 credits
BIO 241L - Human Physiology Laboratory 1 credit
Preferred effective term: Fall 2010

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Health, Safety, and Environmental Health Sciences

Health Sciences Major (64-73 credits)

CIP Code: 511504 Major Code: A232

Brief Summary:

We would like to add two more concentrations to the Health Sciences major: Health Administration and Environmental Health (neither concentration will require new courses nor resources). This proposal is for Environmental Health:

Environmental Health: There has been a change in the accreditation requirements and the

department can meet the requirements without adding new courses or faculty. The courses required for the concentrations and accreditation are currently required for the Safety Management major, Public Health concentration, and/or Environmental Health minor. In addition, several Environmental Health courses are needed for individuals in the Preparedness field. We are also working on a Preparedness program (will be completed in the near future). There have been many inquiries.

Student Learning:

Adding more concentrations will allow students to have more options without requiring more resources from the University. By taking advantage of existing courses, no additional resources will be required unless the programs grow substantially in student numbers. All these programs are in fields of growth nationally and where there are shortages of prepared professionals.

Proposed Catalog Copy:

Health Sciences Major (64-73 credits)

CIP Code: 511504 Major Code: _____

The objectives of this degree program are to prepare health professionals to help maintain and improve the health, well-being, and quality of life of people; to prepare students to become health teachers; and to prepare students to pursue graduate education in a variety of related fields.

Students completing the health sciences major must earn a minimum of a “C” grade in all required major courses (core, content, culminating experience, professional and foundation courses).

Students completing the school health concentration must be thoroughly familiar with the requirements for admission to the teacher education program and the teaching curriculum. Refer to the College of Education and the Department of Curriculum, Instruction, and Media Technology in this catalog.

All students must maintain a 2.5 grade point average in both the major courses and in their overall grade point average to graduate.

Health Sciences Core Courses (15 credits):

HLTH 111 - Personal Health Science and Wellness 3 credits

HLTH 221 - Community Health Concepts 3 credits

HLTH 340 - Health Biostatistics 3 credits

HLTH 392 - Educational Methods for Health and Safety 3 credits

HLTH 480 - Senior Seminar 3 credits

Public Health Concentration (49 - 51 credits):

Health, Safety, and Environmental Health Sciences Courses:

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HLTH 341 - Community Health Research Methods 3 credits

HLTH 360 - Epidemiology 3 credits

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HLTH 491 - Community Health Internship 3 credits
FCS 201 - Nutrition 3 credits

Other Required Courses:

PE 180 - Physical Fitness for Majors and Minors 1 credit
PSY 101 - General Psychology : Understanding Human Behavior 3 credits

Choose one from the following:

PSY 362 - Psychology of Personality 3 credits
PSY 368 - Introduction to Abnormal Psychology 3 credits

Choose one of the following groups:

ATTR 210 - Human Anatomy for Allied Health Professions 2 credits
PE 220 - Human Physiology for Allied Health Professions 2 credits
or
BIO 231 - Human Anatomy 2 credits
BIO 231L - Human Anatomy Laboratory 1 credit
BIO 241 - Human Physiology 2 credits
BIO 241L - Human Physiology Laboratory 1 credit

School Health Education Concentration (56 - 58 credits):

Health, Safety, and Environmental Health Sciences Courses:

HLTH 211 - Emergency Medical Care and Advanced First Aid 2 credits
HLTH 211L - Advanced Emergency Medical Skill Proficiency Laboratory 1 credit
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FCS 201 - Nutrition 3 credits

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Choose one of the following groups:

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PE 220 - Human Physiology for Allied Health Professions 2 credits

or:

BIO 231 - Human Anatomy 2 credits

BIO 231L - Human Anatomy Laboratory 1 credit

BIO 241 - Human Physiology 2 credits

BIO 241L - Human Physiology Laboratory 1 credit

Environmental Health Concentration (46 credits)

Health, Safety, and Environmental Health Sciences Courses:

HLTH 210 - Principles of Environmental Health 3 credits

HLTH 341 - Community Health Research Methods 3 credits

HLTH 360 - Epidemiology 3 credits

HLTH 377 - Environmental Field Sampling & Analysis 3 credits

HLTH 377L- Environmental Field Sampling & Analysis and Lab 1 credit

HLTH 425 - Toxicology 3 credits

HLTH 429 - Hazardous Substances Waste Materials 3 credits

HLTH 437 - Pollution Prevention and Control Technology 3 credits

HLTH 457 - Food Protection 3 credits

HLTH 491- Community Health Internship 3 credits

Other Required Courses:

BIO 112 -Human Aspects of Biology 3 credits

BIO 112L- Exploration of Biological Phenomena 1 credit

BIO 274 - Introduction to Microbiology 2 credit

BIO 274L- Introduction to Microbiology Lab 1 credit

CHEM 103- Elementary Chemistry 3 credits

CHEM103L- Elementary Chemistry Lab 1 credit

CHEM104-Elementary Organic and Biochemistry 3 credits

CHEM 104L- Elementary Organic and Biochemistry Lab 1 credit

MATH 115- College Algebra and Trigonometry 3 credits

Preferred effective term: Fall 2010

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Health, Safety, and Environmental Health Sciences

Health Sciences Major (64-73 credits)

CIP Code: 511504 Major Code: A232

Brief Summary:

We would like to add two more concentrations to the Health Sciences major: Health Administration and Environmental Health (neither concentration will require new courses nor resources). This proposal is for Health Administration:

Health Administration: The purpose of this undergraduate program is two-fold: to provide a career enhancement pathway for allied health professionals prepared at the Associate Degree level and to provide a concentration for our current students enrolled in the undergraduate major

in Health Sciences who want a concentration in health administration.

Allied health professionals often go on to manage departments and there is a need for training. Our program would better prepare these working professionals for career advancement. We have received many inquiries regarding health administration from prospective students who would like to eventually go into administration of agencies such as health departments and other non-profit agencies.

Ivy Tech students would be a target market. On the Bloomington campus, 72 students are enrolled in allied health majors: Health Information Technology, Paramedic Science, Radiation Therapy and Respiratory Therapy. However, students who come to Indiana State University without a clinical background, may also want to pursue this degree.

Current enrollment in allied health programs on the Terre Haute campus is 396. The programs are: Medical Assisting, Medical Lab Technician, Paramedic Science, Radiological Technology, Respiratory Care, Surgical Technology and Therapeutic Massage.

In the state of Indiana, by 2016, approximately 2000 additional medical and health services managers will be needed . In Region 7, where Vigo County is located, 8 additional health services managers will be needed. Given our Rural Health Corridor initiative, we suspect the need will be higher and with the age of the population of workers, replacement managers will be needed as well.

Student Learning:

Adding more concentrations will allow students to have more options without requiring more resources from the University. By taking advantage of existing courses, no additional resources will be required unless the programs grow substantially in student numbers. All these programs are in fields of growth nationally and where there are shortages of prepared professionals.

Proposed Catalog Copy:

Health Sciences Major (64-73 credits)

CIP Code: 511504 Major Code: _____

The objectives of this degree program are to prepare health professionals to help maintain and improve the health, well-being, and quality of life of people; to prepare students to become health teachers; and to prepare students to pursue graduate education in a variety of related fields.

Students completing the health sciences major must earn a minimum of a “C” grade in all required major courses (core, content, culminating experience, professional and foundation courses).

Students completing the school health concentration must be thoroughly familiar with the requirements for admission to the teacher education program and the teaching curriculum. Refer to the College of Education and the Department of Curriculum, Instruction, and Media Technology in this catalog.

All students must maintain a 2.5 grade point average in both the major courses and in their overall grade point average to graduate.

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HLTH 340 - Health Biostatistics 3 credits
HLTH 392 - Educational Methods for Health and Safety 3 credits
HLTH 480 - Senior Seminar 3 credits

Public Health Concentration (49 - 51credits):

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HLTH 341 - Community Health Research Methods 3 credits
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HLTH 393 - Cooperative Practice 2 credits
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HLTH 428 - Health Program Evaluation 3 credits
HLTH 446 - Individual, Community and General Safety Education 3 credits
HLTH 491 - Community Health Internship 3 credits
FCS 201 - Nutrition 3 credits

Other Required Courses:

PE 180 - Physical Fitness for Majors and Minors 1 credit
PSY 101 - General Psychology : Understanding Human Behavior 3 credits

Choose one from the following:

PSY 362 - Psychology of Personality 3 credits
PSY 368 - Introduction to Abnormal Psychology 3 credits

Choose one of the following groups:

ATTR 210 - Human Anatomy for Allied Health Professions 2 credits
PE 220 - Human Physiology for Allied Health Professions 2 credits

or

BIO 231 - Human Anatomy 2 credits
BIO 231L - Human Anatomy Laboratory 1 credit
BIO 241 - Human Physiology 2 credits
BIO 241L - Human Physiology Laboratory 1 credit

School Health Education Concentration (56 - 58 credits):

Health, Safety, and Environmental Health Sciences Courses:

HLTH 211 - Emergency Medical Care and Advanced First Aid 2 credits
HLTH 211L - Advanced Emergency Medical Skill Proficiency Laboratory 1 credit
HLTH 401 - Substance Abuse Education 3 credits
HLTH 402 - Mental Health and Stress Education 3 credits
HLTH 403 - Communicable and Chronic Diseases, and AIDS 3 credits
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Choose one of the following groups:

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or:

BIO 231 - Human Anatomy 2 credits
BIO 231L - Human Anatomy Laboratory 1 credit
BIO 241 - Human Physiology 2 credits
BIO 241L - Human Physiology Laboratory 1 credit

Environmental Health Concentration (46 credits)

Health, Safety, and Environmental Health Sciences Courses:

HLTH 210 - Principles of Environmental Health 3 credits
HLTH 341 - Community Health Research Methods 3 credits
HLTH 360 - Epidemiology 3 credits
HLTH 377 - Environmental Field Sampling & Analysis 3 credits
HLTH 377L- Environmental Field Sampling & Analysis and Lab 1 credit
HLTH 425 - Toxicology 3 credits
HLTH 429 - Hazardous Substances Waste Materials 3 credits
HLTH 437 - Pollution Prevention and Control Technology 3 credits
HLTH 457 - Food Protection 3 credits
HLTH 491- Community Health Internship 3 credits

Other Required Courses:

BIO 112 -Human Aspects of Biology 3 credits
BIO 112L- Exploration of Biological Phenomena 1 credit
BIO 274 - Introduction to Microbiology 2 credit
BIO 274L- Introduction to Microbiology Lab 1 credit
CHEM 103- Elementary Chemistry 3 credits
CHEM 103L- Elementary Chemistry Lab 1 credit
CHEM 104-Elementary Organic and Biochemistry 3 credits
CHEM 104L- Elementary Organic and Biochemistry Lab 1 credit
MATH 115- College Algebra and Trigonometry 3 credits

Health Administration Concentration (45 - 47 credits)

Health, Safety, and Environmental Health Sciences Courses:

HLTH 341 - Community Health Research Methods 3 credits
HLTH 360 - Epidemiology 3 credits

HLTH 393 - Cooperative Practice 2 credits
HLTH 424 - Health Promotion Planning 3 credits
HLTH 428 - Health Program Evaluation 3 credits
HLTH 491 - Community Health Internship 3 credits

Select one of the following courses:

HLTH 401 - Substance Abuse Education 3 credits
HLTH 402 - Mental Health and Stress Education 3 credits
HLTH 403 - Communicable and Chronic Diseases, and AIDS 3 credits

Other Required Courses:

ACCT 200 - Survey of Accounting 3 credits
FIN 200 - Fundamentals of Finance 3 credits
MGT 301 - Survey of Management 3 credits
MKTG301 - Introduction to Marketing 3 credits
HRD 420 - Career Development and Employee Appraisals 3 credits
HRD 425 - Organizational Development 3 credits
PSY 101 - General Psychology 3 credits

Choose one of the following groups:

ATTR 210 - Human Anatomy for Allied Health Professions 2 credits
PE 220 - Human Physiology for Allied Health Professions 2 credits

or:

BIO 231 - Human Anatomy 2 credits
BIO 231L - Human Anatomy Laboratory 1 credit
BIO 241 - Human Physiology 2 credits
BIO 241L - Human Physiology Laboratory 1 credit

Preferred effective term: Fall 2010

CORRECTIONS

The Department of Geography, Geology and Anthropology Geographic Information Science Minor approved proposal had an error in the directed electives. ENVI 490 should read 496. The change is being reflected in bold and italics.

COLLEGE OF ARTS AND SCIENCES: Geography, Geology, and Anthropology

Geographic Information Science Minor (18 semester hours)

CIP Code: 450701 Major Code: 2139

Brief Summary:

There are minor changes required because of course prefix/number changes to ENVI and change of GEOG 312 to ENVI 212 as a result of program reconfiguration in the major.

Proposed Catalog Copy:

Geographic Information Science Minor (18 credits)

CIP Code: 450701 Major Code: _____

Required Courses: 240 - 3 credits; 212 - 3 credits or 404 - 3 credits

Directed Electives:

One course from: 405 - 3 credits, 406 - 3 credits, 407 - 3 credits, or 408 - 3 credits;

One course from: 401 - 3 credits, 402 - 3 credits, or up to 3 credits of **496**;

Two courses from remaining electives: 401 - 3 credits, 402 - 3 credits, 405 - 3 credits, 406 - 3 credits, 407 - 3 credits, 408 - 3 credits, or **496 – up to 3 credits.**

Preferred effective term: Fall 2010