



Academic Notes

October 24, 2011

AN 2011-2012

ACADEMIC NOTES PUBLICATION SCHEDULE FOR FALL 2011

Below is the publication schedule for the electronic copy of *Academic Notes* through December 19, 2011. All submissions for inclusion in *Academic Notes* are due in the Office of Academic Affairs no later than 11:00 a.m. on the Deadline for Items date. Submissions must be in hard copy along with an email, zip drive, 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. During the summer months, *Academic Notes* is published every other week.

ACADEMIC NOTES PUBLICATION SCHEDULE FOR FALL 2011

<u>Deadline for Items</u>	<u>Issue Date</u>
October 19	October 31
October 26	November 7
November 2	November 14
November 9	November 21
November 16	November 28
November 23	December 5
November 30	December 12
December 7	December 19

CURRICULUM

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UNDERGRADUATE PROPOSALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Criminology and Criminal Justice

CRIM 375 - Victimology

3 credits

This course provides an in-depth study of the many facets of crime victimization. Coverage will include the key social, economic, and demographic variables associated with crime victims as well as the differences in victimization rates in the United States and other countries. Crime victim assistance programs, victim compensation, and victim participation in the criminal justice process will be covered. Discussion will also include victim-oriented legislation and case law related to crime victims.

Prerequisites: 6 credits of criminology or consent of instructor.

Remove prerequisites to:

CRIM 375 - Victimology

3 credits

This course provides an in-depth study of the many facets of crime victimization. Coverage will include the key social, economic, and demographic variables associated with crime victims as well as the differences in victimization rates in the United States and other countries. Crime victim assistance programs, victim compensation, and victim participation in the criminal justice process will be covered. Discussion will also include victim-oriented legislation and case law related to crime victims.

A-F Grading

Effective term: Fall 2012

CRIM 396 - Introduction to Research Methods in Criminal Justice

3 credits

A survey of current research methods relating to all aspects of the criminal justice system.

Prerequisites: 6 credits of criminology or consent of instructor.

Remove prerequisites to:

CRIM 396 - Introduction to Research Methods in Criminal Justice

3 credits

A survey of current research methods relating to all aspects of the criminal justice system.

A-F Grading

Effective term: Fall 2012

CRIM 416 - Symposium on Criminology

1-3 credits

Consideration is given to a specific area of criminology. Course is offered for credit or non-credit, and for in-service or pre-service students. A different topic is selected for each symposium.

Prerequisites: 6 credits of criminology or consent of instructor.

Repeatable: Five times for a maximum of 15 credits if topic is different.

Note: Open to graduate students. Graduate students are required to do additional work of a

research nature.

Remove prerequisites to:

CRIM 416 - Symposium on Criminology

1-3 credits

Consideration is given to a specific area of criminology. Course is offered for credit or non-credit, and for in-service or pre-service students. A different topic is selected for each symposium.

Repeatable: Five times for a maximum of 15 credits if topic is different.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Effective term: Fall 2012

CRIM 420 - Criminal Law and Procedure I

3 credits

An analysis of the history and development of the criminal law as a system of social control; the scope, purpose, and general principles of criminal law; and the essential characteristics of various crimes.

Prerequisites: 6 credits of criminology or consent of the instructor.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

Remove prerequisites to:

CRIM 420 - Criminal Law and Procedure I

3 credits

An analysis of the history and development of the criminal law as a system of social control; the scope, purpose, and general principles of criminal law; and the essential characteristics of various crimes.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Effective term: Fall 2012

CRIM 423 - Juvenile Delinquency

3 credits

The nature and extent of delinquency in the United States and the system response to juvenile crime. Particular attention is given to the organization and functions of community agencies and institutions including police, courts, and correctional agency responses to juvenile offenders, and the effectiveness of these responses.

Prerequisites: 6 credits of criminology or consent of instructor.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

Remove prerequisites to:

CRIM 423 - Juvenile Delinquency

3 credits

The nature and extent of delinquency in the United States and the system response to juvenile crime. Particular attention is given to the organization and functions of community agencies and

institutions including police, courts, and correctional agency responses to juvenile offenders, and the effectiveness of these responses.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Effective term: Fall 2012

CRIM 430 - Correctional Institutions

3 credits

The correctional institution in the United States as it exists today in terms of its development, objectives, and standards; includes jails, detention homes, reformatories, furlough-detention camps, open and closed institutions.

Prerequisites: 6 credits of criminology or consent of instructor.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

Remove prerequisites to:

CRIM 430 - Correctional Institutions

3 credits

The correctional institution in the United States as it exists today in terms of its development, objectives, and standards; includes jails, detention homes, reformatories, furlough-detention camps, open and closed institutions.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Effective term: Fall 2012

CRIM 431 - Community-Based Corrections

3 credits

This course covers the variety of alternatives to incarceration which collectively are known as community-based corrections, including diversion, pretrial release, fines, home confinement, restitution, community service, half-way houses, probation, and parole.

Prerequisites: 6 credits of criminology or consent of instructor.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

Remove prerequisites to:

CRIM 431 - Community-Based Corrections

3 credits

This course covers the variety of alternatives to incarceration which collectively are known as community-based corrections, including diversion, pretrial release, fines, home confinement, restitution, community service, half-way houses, probation, and parole.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature

A-F Grading

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Psychology

SOC 329 - Applied Sociology

3 credits

Review of sociological propositions and concepts that have been applied by sociologists, with particular emphasis on contemporary social problems. The efficacy of social models and amelioration strategies will be examined.

Prerequisites: SOC 280.

Note: Completion of 329 is required for all students enrolling in 489.

Change prerequisites to:

SOC 329 - Applied Sociology

3 credits

Review of sociological propositions and concepts that have been applied by sociologists, with particular emphasis on contemporary social problems. The efficacy of social models and amelioration strategies will be examined.

Prerequisites: SOC 101.

Note: Completion of 329 is required for all students enrolling in 489.

A-F Grading

Effective term: Fall 2012

SOC 380 - Sociological Research Methods

3 credits

A survey of research methods commonly used in sociology. Students will participate in the research act from reading research, to research design, data collection, data analysis, and research presentations.

Prerequisites: completion of, or concurrent enrollment in SOC 280.

Note: Required for sociology majors; minimum grade of C.

Change prerequisites to:

SOC 380 - Sociological Research Methods

3 credits

A survey of research methods commonly used in sociology. Students will participate in the research act from reading research, to research design, data collection, data analysis, and research presentations.

Prerequisites: completion of, or concurrent enrollment in SOC 101.

Note: Required for sociology majors; minimum grade of C.

A-F Grading

Effective term: Fall 2012

SOC 383 - Sociological Theory

3 credits

The meaning and purpose of sociological theory and its relationship to empirical research. This course will cover major theoretical contributions from the classical through contemporary period, with an emphasis on the cumulative nature of knowledge.

Prerequisites: completion of, or concurrent enrollment in SOC 280.

Note: Required for sociology majors; minimum grade of C.

Change prerequisites to:

SOC 383 - Sociological Theory

3 credits

The meaning and purpose of sociological theory and its relationship to empirical research. This course will cover major theoretical contributions from the classical through contemporary period, with an emphasis on the cumulative nature of knowledge.

Prerequisites: completion of, or concurrent enrollment in SOC 101.

Note: Required for sociology majors; minimum grade of C.

A-F Grading

Effective term: Fall 2012

SOC 390 - Social Stratification and Inequality

3 credits

A survey of social stratification and inequality with particular attention to the United States. This course will emphasize the application of basic concepts and the major perspectives sociologists use to understand social stratification and inequality.

Prerequisites: SOC 280.

Note: Required for sociology majors and minors; minimum grade of C.

Change prerequisites to:

SOC 390 - Social Stratification and Inequality

3 credits

A survey of social stratification and inequality with particular attention to the United States. This course will emphasize the application of basic concepts and the major perspectives sociologists use to understand social stratification and inequality.

Prerequisites: SOC 101.

Note: Required for sociology majors and minors; minimum grade of C.

A-F Grading

Effective term: Fall 2012

COURSE BANKING

COLLEGE OF ARTS AND SCIENCES: History

HIST 315

HIST 371

HIST 372

HIST 423

HIST 424

HIST 442

HIST 443

HIST 463H

HIST 489

HIST 492

Effective term: Fall 2012

COURSE ELIMINATIONS

COLLEGE OF ARTS AND SCIENCES: Art

ART 100	ARTH 482H	ARTS 400L
ARTH 377	ARTS 225	ARTS 425
ARTH 406	ARTS 326	ARTS 426
ARTH 474B	ARTS 327	ARTS 427
ARTH 476	ARTS 350	
ARTH 480	ARTS 400C	

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

CHEM 107	CHEM 326	PHYS 400	PHYS 487
CHEM 107L	CHEM 326L	PHYS 401	
CHEM 108	CHEM 395	PHYS 402	
CHEM 108L	CHEM 410	PHYS 425	
CHEM 305	CHEM 469A	PHYS 461	
CHEM 325	CHEM 499H	PHYS 475	
CHEM 325L	PHYS 392	PHYS 483	

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: College of Arts and Sciences

HUM 170H	HUM 353	HUM 456	LIBS 489
HUM 190H	HUM 353H	HUM 466	LIBS 492
HUM 201	HUM 354	HUM 478	URSC 101
HUM 201H	HUM 354H	HUM 479	URSC 201
HUM 202	HUM 355	HUM 480	URSC 210
HUM 203	HUM 401	HUM 484	URSC 310
HUM 233	HUM 416	HUM 491	URSC 311
HUM 250H	HUM 445	HUM 496	URSC 401
HUM 286	HUM 446	HUM 496H	URSC 450A
HUM 287	HUM 447	HUM 498	
HUM 333	HUM 448	LIBS 304	
HUM 333H	HUM 448H	LIBS 435	
HUM 351	HUM 449	LIBS 482	
HUM 352	HUM 453	LIBS 484	

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Earth and Environmental Systems

ANTH 199	ANTH 404	GEOG 193
ANTH 304	ANTH 409H	GEOG 330H
ANTH 307	ANTH 410B	GEOG 438
ANTH 316	ANTH 410H	GEOG 439
ANTH 370	ANTH 499H	GEOL 351

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: English

ENG 238	ENG 419B	ENG 439Q	ENG 463F
ENG 316H	ENG 432H	ENG 447B	ENG 470
ENG 330I	ENG 433H	ENG 447M	ENG 498
ENG 331	ENG 434H	ENG 448N	ENG 499
ENG 334	ENG 435	ENG 456	
ENG 341	ENG 439A	ENG 462F	
ENG 379	ENG 439K	ENG 462I	
ENG 382	ENG 439P	ENG 462K	

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Languages Literatures and Linguistics

SPAN 403H

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Theater

THTR 260	THTR 392	THTR 414N	THTR 478
THTR 380	THTR 414B	THTR 414P	THTR 479
THTR 382	THTR 414H	THTR 414S	THTR 487
THTR 383	THTR 414J	THTR 414U	THTR 488
THTR 389	THTR 414K	THTR 414V	
THTR 390	THTR 414L	THTR 460	

Effective term: Fall 2012

GRADUATE PROPOSALS

NEW COURSES

COLLEGE OF ARTS AND SCIENCES: Criminology and Criminal Justice

CRIM 696 - Experiential Learning Culminating Experience

1 credit

Culminating experience requiring students to demonstrate the mastery of higher ordered thinking through professional service and engagement. Students will complete a minimum of 20 hours of community service in a criminal justice related agency and write a policy-oriented paper applying criminal justice related concepts to the experience.

Prerequisite: 24 credits of graduate coursework

A-F Grading

Effective term: Fall 2012

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Criminology and Criminal Justice

CRIM 521 - Criminal Law and Procedure II

3 credits

A continuation of 520.

Prerequisites: 6 hours of criminology; CRIM 520 or consent of instructor.

Change description and remove prerequisites to:

CRIM 521 - Criminal Law and Procedure II

3 credits

The study of laws, rules, and procedures that govern the administration of criminal justice and the application of the Constitution to criminal investigation and trials. Topics covered include laws of arrest, search and seizure, interrogation, right to counsel, right to trial, and double jeopardy.

A-F Grading

Effective term: Fall 2012

COURSE BANKING

COLLEGE OF ARTS AND SCIENCES: Languages Literatures and Linguistics

GERM 503D

GERM 695

SPAN 503D

SPAN 511

SPAN 560

Effective term: Fall 2012

SPAN 585

SPAN 592

SPAN 699

SPAN 695A

SPAN 695B

COURSE ELIMINATION

COLLEGE OF ARTS AND SCIENCES: Art

ART 574B
ART 587
ARTH 576
ARTH 580
ARTS 600C
ARTS 600L
ARTS 601C
ARTS 601L
ARTS 625
ARTS 626
ARTS 627

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

CHEM 539A	CHEM 669	PHYS 573	PHYS 684
CHEM 549A	CHEM 673	PHYS 583	PHYS 688
CHEM 559A	CHEM 690	PHYS 587	PHYS 699
CHEM 559C	CHEM 699	PHYS 593	PHYS 750
CHEM 629A	PHYS 502	PHYS 600	PHYS 752
CHEM 629B	PHYS 507	PHYS 603	PHYS 755
CHEM 629C	PHYS 520	PHYS 604	PHYS 757
CHEM 639	PHYS 561	PHYS 606	PHYS 765
CHEM 649	PHYS 565	PHYS 655	PHYS 766
CHEM 659	PHYS 570	PHYS 660	PHYS 770

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: College of Arts and Sciences

HUM 516	HUM 553	HUM 584	HUM 602B
HUM 545	HUM 556	HUM 591	HUM 610
HUM 546	HUM 566	HUM 596	HUM 645
HUM 547	HUM 578	HUM 598	HUM 645C
HUM 548	HUM 579	HUM 602	HUM 699
HUM 549	HUM 580	HUM 602A	LIBS 535

LIBS 582	URSC 680F	URSC 683B
LIBS 584	URSC 680G	URSC 683C
LIBS 589	URSC 681A	URSC 683D
LIBS 592	URSC 681D	URSC 683E
LIBS 603	URSC 681E	URSC 683F
LIBS 614	URSC 681F	URSC 683G
LIBS 625	URSC 681G	URSC 684A
LIBS 634	URSC 682A	URSC 684B
LIBS 651	URSC 682B	URSC 684D
LIBS 651A	URSC 682C	URSC 684E
LIBS 690	URSC 682D	URSC 684F
URSC 680A	URSC 682E	URSC 684G
URSC 680B	URSC 682F	
URSC 680D	URSC 682G	
URSC 680E	URSC 683A	

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Earth and Environmental Systems

ANTH 504	GEOG 523	GEOG 538	GEOG 712
GEO 632	GEOG 525	GEOG 539	GEOG 720
GEOG 521	GEOG 526	GEOG 682	GEOG 723
GEOG 522	GEOG 530	GEOG 683	

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: English

ENG 514	ENG 601B	ENG 649S	ENG 685B
ENG 517	ENG 601C	ENG 649T	ENG 685C
ENG 547M	ENG 601D	ENG 649U	ENG 792
ENG 548B	ENG 601E	ENG 649V	ENG 792A
ENG 548N	ENG 601F	ENG 659F	ENG 792B
ENG 562F	ENG 603	ENG 659M	ENG 792C
ENG 562I	ENG 612	ENG 659O	ENG 792D
ENG 563A	ENG 613	ENG 660	ENG 792E
ENG 563F	ENG 619	ENG 669D	
ENG 570	ENG 649C	ENG 669I	
ENG 601A	ENG 649G	ENG 669L	

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Theater

THTR 514	THTR 514P	THTR 573	THTR 675
THTR 514A	THTR 514Q	THTR 578	THTR 677
THTR 514B	THTR 514T	THTR 579	THTR 684
THTR 514C	THTR 514V	THTR 587	
THTR 514E	THTR 514Z	THTR 588	
THTR 514I	THTR 572	THTR 607	

Effective term: Fall 2012

UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Criminology and Criminal Justice

CRIM 421 - Criminal Law and Procedure II

3 credits

This is a continuation of 420.

Prerequisites: 6 credits of criminology; 420 or consent of the instructor.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

Remove prerequisites to:

CRIM 421 - Criminal Law and Procedure II

3 credits

The study of laws, rules, and procedures that govern the administration of criminal justice and the application of the Constitution to criminal investigation and trials. Topics covered include laws of arrest, search and seizure, interrogation, right to counsel, right to trial, and double jeopardy.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Effective term: Fall 2012

NEW PROGRAMS

COLLEGE OF TECHNOLOGY: Applied Engineering and Technology Management

B.S. Engineering Technology (68 credits)

CIP Code: 150000 Major Code: _____

Brief Summary:

This program allows students to engage engineering technologies, and explore the applications of these technologies thru the lenses of computer, mechanical, electronic, packaging or automotive engineering technology. After completing an engineering technology, mathematics, and science core, students may elect to pursue one of five concentration options. A robust engineering technology core program in conjunction with the option of choosing one or more engineering technology concentrations provides students with a greater breadth of knowledge, than is currently found within a single COT engineering technology major.

Program Vision

As part of the College of Technology's Applied Engineering and Technology Management department, the Engineering Technology program at Indiana State University prepares students to be an integral part of the team which will address and resolve the challenges facing Indiana and the world beyond Indiana. Facilitated by the highest standards of pedagogy, and relying upon the dividends of persistent and continuing research, students will immerse themselves into a learning environment replete with integrated technologies; therein students will discover and develop their technical aptitudes, all-the- while maturing as citizen contributors to the state of Indiana as well as global society. The light of their endeavors will illuminate tomorrow's world.

Program Mission

The mission of the Bachelor of Science in Engineering Technology program at Indiana State University is to prepare students for careers in engineering technology. Preparing students will involve the highest standards of pedagogy, inclusive of hands-on laboratory experiences, experiential learning and community engagement. Program graduates will be well-suited for a broad spectrum of careers within the automotive, packaging, mechanical, and electronics/computer technology industries. These career fields include, but are not limited to, sales, maintenance, engineering technician, test and evaluation, management, manufacturing, and design.

Program Educational Objectives: See the proposed catalog copy description.

Student Learning:

Once the proposed program has experienced a few graduation cycles, the program will seek accreditation from the Accreditation Board for Engineering and Technology's Technology Accreditation Commission (ABET/TAC). See the proposed catalog copy description listing the student learning outcomes adopted from the ABET/TAC website.

Proposed Catalog Copy

B.S. Engineering Technology (68 credits)

CIP Code: 150000 Major Code: _____

Program Educational Objectives

Graduates will be able to:

1. Use critical thinking skills in concert with the latest engineering and technology tool suites, in the application of electronic, mechanical, and related/interdisciplinary technologies.
2. Communicate effectively

3. Adapt a personal commitment of continuous self-improvement, with the intent of keep current within their chosen discipline and generating knowledge for the purpose of enhancing the knowledge base within their chosen field.
4. Enhance the effectiveness of team oriented endeavors, by exhibiting the behaviors and leadership skills that serve to maximize team effectiveness.
5. Function ethically and professionally

Program Outcomes

The following student learning outcomes have been adopted from the Technology Accreditation Commission/Accreditation Board for Engineering and Technology website. The Engineering Technology students by the time of graduation will have:

- a. an appropriate mastery of the knowledge, techniques, skills, and modern tools of the student selected engineering technology discipline
- b. an ability to apply current knowledge and adapt to emerging applications of mathematics, science, engineering, and technology.
- c. an ability to conduct, analyze and interpret experiments, and apply experimental results to improve processes.
- d. an ability to apply creativity in the design of systems, components, or processes appropriate to the students' selected engineering technology program educational objectives.
- e. an ability to function effectively on teams.
- f. an ability to identify, analyze and solve technical (close-ended analysis and open-ended design) problems.
- g. an ability to communicate effectively through engineering drawings, written reports, or oral presentations.
- h. a recognition of the need for, and an ability to engage in lifelong learning.
- i. an ability to understand professional, ethical and social responsibilities.
- j. a respect for diversity and a knowledge of contemporary professional, societal and global issues.
- k. a commitment to quality, timeliness, and continuous improvement.

Core Technology, Mathematics, and Science Courses:

Mechanical Engineering Technology (15 credits)

MET 130 Introduction to Engineering and Technology 2 credits

MET 103 Introduction to Technical Graphics 3 credits

MET 333 Power Systems 3 credits or MET 329 Fluid Power Technology (3 credits) for students selecting the MET concentration option

MET 405 Economic Analysis for Engineers 3 credits

MET 409 Senior Project 3 credits

MET 430 Senior Seminar 1 credit

Electronics Engineering Technology (12 credits)

ECT 160 Electronics Fundamentals 3 credits or ECT 165 (3 credits) for students selecting the EET or CET concentration option

ECT 231 Digital Logic 3 credits

ECT 281 Robotic Controls 3 credits

ECT 437 Industrial Computer Systems Management 3 credits

Manufacturing (6 credits)

MFG 371 Manufacturing Materials and Processes 3 credits

MFG 370 Fundamentals of Manufacturing Materials 3 credits

Technology Management (3 credits)

TMGT 361 Quality Systems and Tools 3 credits

Mathematics/Computer Science and Physical Science Requirements (10 credits)

Physics 105 & Physics 105L 4 credits

Math 123 Analytic Geometry and Linear Algebra for Engineers 3 credits

Math 301 Fundamentals and Applications of Calculus 3 credits

Directed Foundations Studies (7 credits)

CHEM 100 and CHEM 100L 4 Credits

Math 115 College Algebra or MET 215 Graphic Analysis 3 credits

Choose one of the following engineering technology concentrations (15 credits):

Electronics Engineering Technology Concentration Required Courses (15 credits)

ECT 167 - A.C. Circuits and Design 3 credits

ECT 221 - Circuit Analysis I 3 credits

ECT 232 - Digital Computer Circuits 3 credits

ECT 324 - Discrete Transistor Theory and Circuit Design 3 credits

CS 256 C++ (or any higher level structured language) 3 credits

Mechanical Engineering Technology Concentration Required Courses (15 credits)

MET 203 - Introduction to Solid Modeling 3 credits

MET 302 - Applied Statics 3 credits

MET 406 - Strength of Materials 3 credits

MET 337 - Thermo systems 3 credits

Electives (3 credits)

MET 408 Elements of Machine Design 3 credits

MET 304 - Engineering Analysis 3 credits

Packaging Engineering Technology Concentration Required Courses (15 credits)

PKG 280 - Packaging Materials and Testing I 3 credits

PKG 380 - Packaging Materials and Testing II 3 credits

Choose 9 credits from:

PKG 180 – Introduction to Package Design 3 credits

PKG 482 – Package Development and Analysis 3 credits

PKG 484 – Distribution Packaging Design, Analysis and Testing 3 credits

PKG 486 – Packaging Machinery Systems 3 credits

PKG 489 – Packaging Industry Projects 3 credits

Computer Engineering Technology Concentration Required Courses (15 credits)

ECT 168 Comp. Design Technology 3 credits

ECT 232 Digital Computer Circuits 3 credits

ECT 303 Microcontroller Hdw. & Software 3 credits

ECT 403 Practical Digital Logic Design 3 credits

CS 256 C++ (or any higher level structured language) 3 credits

Automotive Engineering Technology Concentration Required Courses (15 credits)

AET 132 - Theory of I.C. Engines 3 credits

AET 233 - Engine Systems and Controls 3 credits
AET 336 - Engine Fuels and Lubricants 3 credits
AET 435 - Engine Thermodynamics 3 credits
AET 436 - Diesel Engines 3 credits

Effective term: Spring 2012

PROGRAM REVISIONS

BAYH COLLEGE OF EDUCATION: Elementary, Early, and Special Education

Elementary Education Major (124 credits minimum)

CIP Code 131202 Major Code 8542

Brief Summary:

This revision restructures the sequencing of the science education block semester prior to student teaching so that it is no longer linked to the TOTAL semester.

The proposal adds one hour to the program for ELED 259, Measurement and Evaluation in the Elementary School, making it a 3 hour course rather than a 2 hour course. (***)See attached proposal for ELED 259)

SPED 215, Behavior Management is being added to the program and adds 3 hours to the program. (**See side by side)

ELED 272, Introduction to Classroom Computer Use, is no longer required in order to satisfy an information technology literacy requirement. (See attached program proposal)

Student Learning:

The requirements for SCED 393 and SCED 393L cannot be met during the TOTAL semester.

The current emphasis on assessment of student learning, requires that preservice teachers be more fully prepared to design, implement and evaluate assessment procedures (ELED 259).

Preservice teachers currently experience difficulty in managing student classroom behavior. The addition of SPED 215, Behavior Management, to the Elementary Education program will equip preservice teachers with strategies to more successfully manage students in the classroom.

Proposed Catalog Copy:

Elementary Education Major (124 credits minimum)

CIP Code 131202 Major Code 8542

The Teachers of Tomorrow Advancing Learning Program affords strong academic preparation and continuous immersion in school cultures through working with children in educational and community settings. Teacher candidates graduate with a thorough understanding of best practices in education through early field experiences, an internship semester, and student teaching. The student who desires to be an elementary teacher must remain in good standing in the Teacher Education Program and complete the program outlined below which satisfies requirements for the Bachelor of Science degree or the Bachelor of Arts degree, provided the foreign language requirement is fulfilled. Satisfactory completion of the program also makes the individual eligible for the Standard Instructional License in the state of Indiana provided that the individual satisfies the test requirements. Upon completion of this degree, the holder can be licensed in the elementary, primary, and intermediate school setting.

Foundational Studies and Additional Subject Matter (49 credits minimum):

- An approved composition class 3-6 credits
- An approved Quantitative Literacy class 0-3 credits
- An approved Non-Native Language class 0-6 credits
- An approved Health and Wellness class 2-3 credits
- An approved Laboratory Science class 4 credits
- An approved Literary Studies class 3 credits
- An approved Ethics and Social Responsibility class 3 credits
- An approved Upper-division Integrative Electives class 3-9 credits
- ART 151- Visual Arts in Civilization 3 credits, or ARTE 390 – Visual Arts in Elementary Schools 4 credits,
- (satisfies the Fine & Performing Arts requirement).
- COMM 302 - Speech Communication for the Teacher 3 credits
- (satisfies the Communication requirement)
- EPSY 341 - Education in a Multicultural Society 3 credits
- (satisfies the Global Perspectives and Cultural Diversity requirement)
- HLTH 327 - School Health for the Elementary Teacher 3 credits
- MATH 205 - Mathematics for Elementary Teachers I 3 credits
- (may not be taken by correspondence)

- MATH 305 - Mathematics for Elementary Teachers II 3 credits
- (may not be taken by correspondence)
- MUS 325 - Music in the Education of Children 3 credits
- PE 348 - Methods of Teaching Physical Education in Elementary Schools 2 credits
- SCED 393 - Science in the Elementary School 2 credits
- SCED 393L - Science in the Elementary School Laboratory 1 credit
- SPED 215 – Behavior Management

Choose one of the following:

- COMM 266 - Oral Interpretation of Children’s Literature 3 credits
- ENG 280 - Children’s Literature 3 credits

Choose one of the following:

- HIST 201 - The United States to 1877 3 credits
- HIST 202 - The United States since 1865 3 credits
- (either course satisfies the Historical Studies requirement)

Professional Education (48 credits minimum):

A grade of C or better is required in each course as well as a minimum grade point average of 2.5.

The professional education component in elementary education consists of a sequential pattern of course work integrated into phases. Each subsequent phase has the previous phase as a prerequisite. Prior to enrolling in Phase II, the student must have been admitted to Becoming a Complete Professional I.

Early and continuous experiences with children in school settings are included throughout the professional education component and are an integral part of the professional courses. These practicum experiences are required to successfully complete each professional course, but do not carry course credit.

Select one of the following exceptional learning courses:

- SPED 226 - The Exceptional Learner in the Regular Classroom 3 credits

Phase I (6 credits):

- ELED 101 - Introduction to Teaching 1 credits
- ELED 200 - Best Practices in Teaching 2 credits

- EPSY 202 - Psychology of Childhood and Adolescence 3 credits
- (satisfies the Social or Behavioral Studies requirement)

Phase II - Admission to Being a Complete Professional I (12 credits):

- ELED 250 - Teaching-Learning and Classroom Management 3 credits
- ELED 250L - Teaching-Learning and Classroom Management 0 credits
- ELED 259 - Measurement and Evaluation in the Elementary School 3 credits
- ELED 324 - Emergent Literacy 3 credits
- ELED 335 - Early Childhood: Teaching and Learning in the Kindergarten 3 credits

Phase III (15 credits):

- ELED 392 - The Teaching of Elementary School Social Studies 3 credits
- ELED 394 - The Teaching of Elementary School Mathematics 3 credits
- ELED 397 - Teaching Developmental Reading and Other Language Arts 3 credits
- ELED 398 - Corrective Reading in the Classroom 3 credits
- ELED 400 - Theory to Practice 3 credits

Student Teaching (12 credits):

- ELED 451 - Supervised Teaching 6 credits
- ELED 453 - Supervised Teaching 3 credits
- ELED 457 - Elementary and Special Education Capstone 3 credits

Electives and Courses for Additional License Area (12 credits minimum):

Select 12 credits minimum from one of the following areas:

- Special Education
- Reading
- Early Childhood
- English as a New Language
- Middle School Mathematics
- Other approved licensed area

Effective term: Fall 2012

CORRECTIONS

The following corrections are reflected in ***bold and italics***:

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES: Economics

Economics Major (45-48 credits)

CIP Code: 450601 Major Code: 0921

Brief Summary:

The proposed revision to the economics major responds to several challenges facing the Department and University. The Departmental challenge is how to both attract new students while also serving existing students with limited resources. The department regularly tops the University's SCH per TT faculty member statistics while simultaneously having enrollments in major-based courses below 10. This proposal, which shrinks the number of courses that students must take to complete a major by two, will allow more students to double major in economics (specifically those in finance that take 200,201, & 321 anyway) as well as allow those students who wish to choose economics as their primary major a more compact schedule. This will allow the department to offer fewer upper division courses for its major thereby becoming more efficient.

Student Learning:

This change was motivated primarily by the self-study mandated by the previous Dean of Arts and Sciences in 2008-2009 and upon which an external review was conducted during in 2009-2010. That external review strongly urged that the Department reduce the number of courses required for an economics major to closer to the peer-group average of 13 (39 credit hours). Through this proposal the department has accomplished that.

The student assessment process in the department, which originally motivated the inclusion of Economics 370 as a core course, will have to monitor the degree to which, under this revision, students fail to connect their quantitative (mathematical and statistical) skills to their economics content. The proposal removes 370 as a required course, however, if this issue is shown to return in the assessment data, the department is committed to considering alternative methods of making that connectivity without requiring an additional course.

Proposed Catalog Copy:

Economics Major (39-42 credits)

CIP Code: 450601 Major Code: 0921

Required Economics 24 credits

Econ 200 Principles of Macroeconomics 3 credits
Econ 201 Principles of Microeconomics 3 credits
Econ 300 Intermediate Macroeconomics 3 credits
Econ 301 Intermediate Microeconomics 3 credits
Econ 321 Money and Banking 3 credits
Econ 499 Senior Seminar 3 credits

Select one internationally focused course from the following:*

ECON 341 International Economics 3 credits
ECON 342 International Political Economy 3 credits
ECON 344 The Chinese Economy 3 credits
ECON 345 The Russian Economy 3 credits
ECON 442 Comparative Economic Systems 3 credits
ECON 446 Theory of Economic Development 3 credits

Select one public policy focused course from the following:*

ECON 302 Economics of Health and Medical Care 3 credits
ECON 303 Environmental Economics 3 credits
ECON 331 Public Finance 3 credits
ECON 353 Gender and Economics 3 credits
ECON 355 The Economics of Crime 3 credits

*other courses may also count if allowed by Chair.

Economics Electives 9 credits

3 3/400 Level Economics courses

Required Foundation Courses 6-9 credits

Select one from the following:

Math 115 College Algebra and Trigonometry 3 credits
Math 201 Finite Mathematics 3 credits

Select one from the following:

Math 241 Principles of Statistics 3 credits

OR

Bus 205 Business Statistics I 3 credits &

BUS 305 Business Statistics II 3 credits
**Effective term: Fall 2012*