

## University Course and Programs Committee

### Minutes

December 18, 2009

#### MEMBERS PRESENT:

**Voting:** Chuck Adams, Bill Curington, Ro DiBrezzo, Judy Ganson, Donna Graham, Tim Killian, Patricia Koski, Terry Martin, Betsy Orr, Janet Penner-Williams, Bill Springer

**Non-Voting:** Lisa Kulczak, Karen Turner and William Warnock

#### MEMBERS ABSENT:

**Voting:** Suzanne Area, Bob Brady, Cathy Chick, Dawn Farver, Carol Gattis, Andrew Horowitz, Chuck Rotolo, John Rupe

**Non-Voting:** Gary McHenry

#### GUESTS:

Terry Martin called the meeting to order at 2:30P.M.

1. The minutes for the November 20, 2009 meeting were approved.
2. Course Change Proposals:
  - A. Undergraduate and School of Law course change proposals ([Tables A & D](#)) were approved without opposition and forwarded for the January 13, 2010 Faculty Senate meeting.
  - B. Graduate and Dual course change proposals ([Tables B & C](#)) were approved without opposition and forwarded for the January Graduate Council meeting.
3. Old Business: None
4. New Business:
  - A. Proposed undergraduate program change for the Bumpers College of Agriculture, Food and Life Sciences, School of Human Environmental Sciences – HESCBS- BS, Human Environmental Sciences ([Table One](#), [Attachment 1A](#), [Attachment 1B](#) and [Attachment1C](#)) was presented by **Tim Killian**. The program change requested to make several changes including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce elective hours maintaining 124 hours for degree completion. The proposal was approved without opposition and will be forwarded for the January 13, 2010 Faculty Senate meeting.

- B. Proposed undergraduate program change for the Walton College of Business, Walton College of Business Dean's Office – Residency Requirements ([Table Two, Attachment 2A](#)) was presented by **Bill Curington**. The program change requested to reduce the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours would include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and/or degree program. The proposal was approved without opposition and will be forwarded for the January 13, 2010 Faculty Senate meeting.
- C. Proposed undergraduate program change for the Walton College of Business, Walton College of Business Dean's Office – Walton Scholars and Departmental Scholars Programs ([Table Two, Attachment 2B](#)) was presented by **Bill Curington**. The program change requested to modify the Honors Program text to ensure students adhere to the exiting requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute. The proposal was approved without opposition and will be forwarded for the January 13, 2010 Faculty Senate meeting.
- D. Proposed undergraduate program change for the Walton College of Business, Walton College of Business Dean's Office – Pre-Business Requirements ([Table Two, Attachment 2C](#)) was presented by **Bill Curington**. The program change requested to remove ENGL 1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements. The proposal was approved without opposition and will be forwarded for the January 13, 2010 Faculty Senate meeting.
- E. Proposed undergraduate program change for the Walton College of Business, Department of Accounting – ACCT-M, Minor in Accounting for Business Students ([Table Two, Attachment 2D](#)) was presented by **Bill Curington**. The program change requested to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing. The proposal was approved without opposition and will be forwarded for the January 13, 2010 Faculty Senate meeting.
- F. Proposed undergraduate program change for the Walton College of Business, Department of Accounting – WCCT-M, Minor in Accounting for Non-Business Students ([Table Two, Attachment 2E](#)) was presented by **Bill Curington**. The program change requested to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing. The proposal was approved without opposition and will be forwarded for the January 13, 2010 Faculty Senate meeting.
- G. Proposed undergraduate program change for the Walton College of Business, Department of Accounting – ACCTBS, BS, Accounting ([Table Two, Attachment 2F](#)) was presented by **Bill Curington**. The program change requested to establish a new degree

tract that integrates the BSBA and Master of Accountancy into a five year program. The proposal was approved without opposition and will be forwarded for the January 2010 Graduate Council meeting.

- H. Proposed undergraduate program change for the Walton College of Business, Department of Economics – INTBBB, BSIB, International Business, Accounting Concentration ([Table Two](#), [Attachment 2G](#)) was presented by **Bill Curington**. The program change requested to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing and several other changes to the 8-semester plan. The proposal was approved without opposition and will be forwarded for the January 13, 2010 Faculty Senate meeting.
- I. Proposed undergraduate program change for the College of Engineering, Department of Biological and Agricultural Engineering – BENGBS, BS, Biological Engineering ([Table Three](#), [Attachment 3A](#)) was presented by **Terry Martin**. The program change requested to limit students to a maximum of 4 hours of “D” grade in BENG courses submitted for degree completion, allow BIOL 2533/2531L to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan. The proposal was approved without opposition and will be forwarded for the January 13, 2010 Faculty Senate meeting.
- J. Proposed undergraduate program change for the College of Engineering, Department of Electrical Engineering – ELEGBS, BS, Electrical Engineering ([Table Three](#), [Attachment 3B](#)) was presented by **Terry Martin**. The program change requested to make 9 changes to the curriculum that involved requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes, the total hours required to graduate will increase from 125 to 126. The proposal was approved without opposition and will be forwarded for the January 13, 2010 Faculty Senate meeting.
- K. Proposed undergraduate program change for the College of Engineering, Department of Industrial Engineering – INEGBS, BS, Industrial Engineering ([Table Three](#), [Attachment 3C](#)) was presented by **Terry Martin**. The program change requested to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path. The proposal was approved without opposition and will be forwarded for the January 13, 2010 Faculty Senate meeting.

5. Other Business: None

Meeting was adjourned at 3:08PM.

**TABLE A****UCPC****Undergraduate Courses****December 18, 2009**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
AFLS	Agricultural Economics & Agribusiness	AEAB	AGEC	2141L	Agribusiness Financial Records Lab	U	ANC	1	Fall 2010
AFLS	Agricultural Economics & Agribusiness	AEAB	AGEC	2143 to 2142	Agribusiness Financial Records	U	CHN, CCH, OTH	3 to 2	Fall 2010
AFLS	Poultry Science	POSC	POSC	4034 to 4033	Statistical Process Control in the Food Industry	U to D	CD, CHN, CCH, CEDUDC	3 from 4	Fall 2010
ARCH	Architecture	ARCH	ARCH	4843	Medieval Architecture	U	ANC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	1201L	Drafting Technology I Laboratory	U	ELC	1	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	1203	Drafting Technology I	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	1503	Introduction to Technology Education	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	2313	Fundamentals of Production	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	2423	Industrial & Technological Maintenance	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	3323	Construction Technologies	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	3433	Electricity & Electronics Technology	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	3513	Elementary Technology Education	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	3633	Plastics Technology	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	4523	Advanced Technology Education	U	ELC	3	Fall 2010
ENGR	Biological Engineering	BENG	BENG	3733 to 4733	Transport Phenomena in Biological Systems	U	CHN	3	Fall 2010

ENGR	Biological Engineering	BENG	BENG	3104 from 4014	Electronic Instrumentation for Biological Systems	U from D	CD, CHN, CEGUC	4	Fall 2010
ENGR	Biological Engineering	BENG	BENG	4233	Tissue Engineering	U	ANC	3	Fall 2010
ENGR	Biological Engineering	BENG	BENG	4243	Biomaterials	U	ANC	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	2811L	Introduction to Internet/World Wide Web Laboratory	U	ELC	1	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	2813	Introduction to Internet/World Wide Web	U	IN	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	3143	Data Structures	U	ELC	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	3143H	Honors Data Structures	U	IN	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	3943	UNIX Programming I	U	IN	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	3963	PERL Programming	U	IN	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	2101L	Electric Circuits I Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	2103 to 2104	Electric Circuits I	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	2111L	Electric Circuits II Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	2113 to 2114	Electric Circuits II	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3121L	System and Signal Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3123 to 3124	System & Signal Analysis	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3123H to 3124H	Honors System & Signal Analysis	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3211L	Electronics I Laboratory	U	IN	1	Fall 2010

ENGR	Electrical Engineering	ELEG	ELEG	3213 to 3214	Electronics I	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3213H to 3214H	Honors Electronics I	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3221L	Electronics II Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3223 to 3224	Electronics II	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3223H to 3224H	Honors Electronics II	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3301L	Electromechanical Energy Conversion Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3303 to 3304	Electromechanical Energy Conversion to Energy Systems	U	CT, CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3303H to 3304H	Honors Electromechanical Energy Conversion to Energy Systems	U	CT, CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3703 to 3704	Electromagnetics I to Applied Electromagnetics	U	CT, CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3703H to 3704H	Honors Electromagnetics I to Honors Applied Electromagnetics	U	CT, CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3921L	Microprocessor Systems Design Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3923 to 3924	Microprocessor Systems Design	U	CD, CHN, CCH, OTH	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3923H to 3924H	Honors Microprocessor Systems Design	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	4071 to 4073	Electrical Engineering Design II	U	CD, CHN, CCH, OTH	1 to 3	Fall 2010

ENGR	Electrical Engineering	ELEG	ELEG	4071H to 4073H	Honors Electrical Engineering Design II	U	CD, CHN, CCH, OTH	1 to 3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	4143 to 3143	Stochastic Signal Processing to Probability & Stochastic Processes	U	CD, CHN, OTH	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	4143H to 3143H	Honors Stochastic Signal Processing to Honors Probability & Stochastic Processes	U	CD, CHN, OTH	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	4814	Advanced Digital Design	U from D	CD, CEGUC	4	Fall 2010
ENGR	Engineering Dean	ENGD	GNEG	1503	Pre-Engineering Applications of Mathematics	U	ANC	3	Fall 2010
ENGR	Engineering Dean	ENGD	GNEG	1513	Engineering Applications of Mathematics	U	ANC	3	Fall 2010
ENGR	Engineering Dean	ENGD	GNEG	190V	Special Topics	U	ANC	variable	Fall 2010
ENGR	Engineering Dean	ENGD	GNEG	290V	Special Topics	U	ANC	variable	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	2101 to 2102	Principles of Industrial Engineering to Introduction to Industrial Engineering	U	CT, CD, CHN, CCH, OTH	1 to 2	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	3313 to 2313	Engineering Statistics to Applied Probability and Statistics for Engineers I	U	CT, CD, CHN, OTH	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	3313H to 2313H	Engineering Statistics to Honors Applied Probability and Statistics for Engineers I	U	CT, CD, CHN, OTH	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	3333 to 2333	Industrial Statistics to Applied Probability and Statistics for Engineers II	U	CT, CD, CHN, OTH	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	3413 to 2413	Engineering Economics Analysis	U	CD, CHN, OTH	3	Fall 2010

ENGR	Industrial Engineering	INEG	INEG	3513 to 2513	Manufacturing Design and Processes to Manufacturing Design	U	CT, CD, CHN, OTH	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	3623 from 4623	Introduction to Simulation to Simulation	U from D	CT, CD, CHN, CEGUC	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	4243	Automated Manufacturing	U	ELC	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	4623H to 3623H	Honors Introduction to Simulation to Honors Simulation	U	CT, CD, CHN, OTH	3	Fall 2010
WCOB	Business Dean	WCBD	WCOB	3043	From Books to Boardrooms	U	ANC	3	Fall 2010



**TABLE B****UCPC****Graduate Courses****December 18, 2009**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
EDUC	Curriculum & Instruction	CIED	EDFD	5323	Global Education	G	IN	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	EDFD	5473	Adolescent Psychology in Education	G	IN	3	Fall 2010
EDUC	Health Science, Kinesiology, Recreation & Dance	HKRD	HLSC	5623	Health Planning	G	ELC	3	Fall 2010
EDUC	Eleanor Mann School of Nursing	NURS	NURS	589V	Workshop	G	IN	variable	Fall 2010
EDUC	Rehabilitation, Human Resources & Communication Disorders	RHRC	CDIS	5262	Seminar Hearing Disorders	G	IN	2	Fall 2010
EDUC	Rehabilitation, Human Resources & Communication Disorders	RHRC	RHAB	5353	Hearing Impairment and Human Behavior	G	ELC	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	5503	Design of Advanced Power Distribution Systems	G	ANC	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	5703	RF & Microwave Design	G	ANC	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	5713	Antennas and Radiation	G	IN	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	5783	Introduction to Antennas	G	ANC	3	Fall 2010
ENGR	Engineering Dean	ENGD	GNEG	550V	Master's Research Project	G	ANC	variable	Fall 2010
ENGR	Mechanical Engineering	MEEG	MEEG	5203	Robot Modeling and Simulation	G	ANC	3	Fall 2010
WCOB	Economics	ECON	ECON	6713	Industrial Organization I	G	ANC	3	Fall 2010
WCOB	Economics	ECON	ECON	6723	Industrial Organization II	G	ANC	3	Fall 2010
WCOB	Economics	ECON	ECON	6813	International Macroeconomics	G	ANC	3	Fall 2010
WCOB	Economics	ECON	ECON	6823	International Development Economics	G	ANC	3	Fall 2010

WCOB Economics

ECON ECON 6913 Experimental Economics

G

ANC

3

Fall 2010

**TABLE C****UCPC****Dual Courses****December 18, 2009**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
AFLS	Poultry Science	POSC	POSC	4033 from 4034	Statistical Process Control in the Food Industry	D from U	CD, CHN, CCH, CEDUDC	3 from 4	Fall 2010
ARCH	Architecture	ARCH	ARCH	4853	Renaissance Architecture	U	ANC	3	Fall 2010
ENGR	Biological Engineering	BENG	BENG	4014 to 3104	Electronic Instrumentation for Biological Systems	D to U	CD, CHN, CEGUC	4	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	4313	Programming Languages	D	IN	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	4433	Cryptography	D	ANC	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	4814	Advanced Digital Design	D to U	CD, CEGUC	4	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	4623 to 3623	Introduction to Simulation to Simulation	D to U	CT, CD, CHN, CEGUC	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	4723	Ergonomics	D	CD, OTH	3	Fall 2010

**TABLE D****UCPC****Law Courses****December 18, 2009**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
LAWW	Law	LAWD	LAWW	635V	Journal of Islamic Law and Culture Credit	L	ANC	variable	Fall 2010
LAWW	Law	LAWD	LAWW	7053	Prosecution Externship to Externship: Federal Public Defender	L	CT, CD	3	Fall 2010
LAWW	Law	LAWD	LAWW	7913 to 791V	Government Regulation of Agriculture	L	CHN, CCH	2 to variable	Fall 2010

## KEY

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### ACTION

ANC= ADD NEW COURSE

ELC= ELIMINATE COURSE

CT= CHANGE TITLE

CD= CHANGE DESCRIPTION

CHN= CHANGE COURSE NUMBER FROM \_\_\_TO\_\_\_

CCH= CHANGE CREDIT HOURS FROM \_\_\_TO\_\_\_

CL= CROSS LISTED

CEUDC= CHANGE EXISTING UNDERGRADUATE COURSE TO DUAL CREDIT

CEUGC= CHANGE EXISTING UNDERGRADUATE COURSE TO GRADUATE CREDIT

CEGUC= CHANGE EXISTING DUAL/GRADUATE COURSE TO UNDERGRADUATE CREDIT

OTH= OTHER

RA= REACTIVATE COURSE

IN= INACTIVATE COURSE

TABLE A

## UCPC

## Undergraduate Courses

December 18, 2009

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
AFLS	Agricultural Economics & Agribusiness	AEAB	AGEC	2141L	Agribusiness Financial Records Lab	U	ANC	1	Fall 2010
AFLS	Agricultural Economics & Agribusiness	AEAB	AGEC	2143 to 2142	Agribusiness Financial Records	U	CHN, CCH, OTH	3 to 2	Fall 2010
AFLS	Poultry Science	POSC	POSC	4034 to 4033	Statistical Process Control in the Food Industry	U to D	CD, CHN, CCH, CEDUDC	3 from 4	Fall 2010
ARCH	Architecture	ARCH	ARCH	4843	Medieval Architecture	U	ANC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	1201L	Drafting Technology I Laboratory	U	ELC	1	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	1203	Drafting Technology I	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	1503	Introduction to Technology Education	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	2313	Fundamentals of Production	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	2423	Industrial & Technological Maintenance	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	3323	Construction Technologies	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	3433	Electricity & Electronics Technology	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	3513	Elementary Technology Education	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	3633	Plastics Technology	U	ELC	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	TEED	4523	Advanced Technology Education	U	ELC	3	Fall 2010
ENGR	Biological Engineering	BENG	BENG	3733 to 4733	Transport Phenomena in Biological Systems	U	CHN	3	Fall 2010

ENGR	Biological Engineering	BENG	BENG	3104 from 4014	Electronic Instrumentation for Biological Systems	U from D	CD, CHN, CEGUC	4	Fall 2010
ENGR	Biological Engineering	BENG	BENG	4233	Tissue Engineering	U	ANC	3	Fall 2010
ENGR	Biological Engineering	BENG	BENG	4243	Biomaterials	U	ANC	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	2811L	Introduction to Internet/World Wide Web Laboratory	U	ELC	1	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	2813	Introduction to Internet/World Wide Web	U	IN	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	3143	Data Structures	U	ELC	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	3143H	Honors Data Structures	U	IN	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	3943	UNIX Programming I	U	IN	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	3963	PERL Programming	U	IN	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	2101L	Electric Circuits I Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	2103 to 2104	Electric Circuits I	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	2111L	Electric Circuits II Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	2113 to 2114	Electric Circuits II	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3121L	System and Signal Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3123 to 3124	System & Signal Analysis	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3123H to 3124H	Honors System & Signal Analysis	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3211L	Electronics I Laboratory	U	IN	1	Fall 2010

ENGR	Electrical Engineering	ELEG	ELEG	3213 to 3214	Electronics I	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3213H to 3214H	Honors Electronics I	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3221L	Electronics II Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3223 to 3224	Electronics II	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3223H to 3224H	Honors Electronics II	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3301L	Electromechanical Energy Conversion Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3303 to 3304	Electromechanical Energy Conversion to Energy Systems	U	CT, CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3303H to 3304H	Honors Electromechanical Energy Conversion to Energy Systems	U	CT, CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3703 to 3704	Electromagnetics I to Applied Electromagnetics	U	CT, CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3703H to 3704H	Honors Electromagnetics I to Honors Applied Electromagnetics	U	CT, CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3921L	Microprocessor Systems Design Laboratory	U	IN	1	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3923 to 3924	Microprocessor Systems Design	U	CD, CHN, CCH, OTH	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	3923H to 3924H	Honors Microprocessor Systems Design	U	CD, CHN, CCH, OTH	3 to 4	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	4071 to 4073	Electrical Engineering Design II	U	CD, CHN, CCH, OTH	1 to 3	Fall 2010



ENGR	Electrical Engineering	ELEG	ELEG	4071H to 4073H	Honors Electrical Engineering Design II	U	CD, CHN, CCH, OTH	1 to 3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	4143 to 3143	Stochastic Signal Processing to Probability & Stochastic Processes	U	CD, CHN, OTH	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	4143H to 3143H	Honors Stochastic Signal Processing to Honors Probability & Stochastic Processes	U	CD, CHN, OTH	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	4814	Advanced Digital Design	U from D	CD, CEGUC	4	Fall 2010
ENGR	Engineering Dean	ENGD	GNEG	1503	Pre-Engineering Applications of Mathematics	U	ANC	3	Fall 2010
ENGR	Engineering Dean	ENGD	GNEG	1513	Engineering Applications of Mathematics	U	ANC	3	Fall 2010
ENGR	Engineering Dean	ENGD	GNEG	190V	Special Topics	U	ANC	variable	Fall 2010
ENGR	Engineering Dean	ENGD	GNEG	290V	Special Topics	U	ANC	variable	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	2101 to 2102	Principles of Industrial Engineering to Introduction to Industrial Engineering	U	CT, CD, CHN, CCH, OTH	1 to 2	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	3313 to 2313	Engineering Statistics to Applied Probability and Statistics for Engineers I	U	CT, CD, CHN, OTH	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	3313H to 2313H	Engineering Statistics to Honors Applied Probability and Statistics for Engineers I	U	CT, CD, CHN, OTH	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	3333 to 2333	Industrial Statistics to Applied Probability and Statistics for Engineers II	U	CT, CD, CHN, OTH	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	3413 to 2413	Engineering Economics Analysis	U	CD, CHN, OTH	3	Fall 2010

ENGR	Industrial Engineering	INEG	INEG	3513 to 2513	Manufacturing Design and Processes to Manufacturing Design	U	CT, CD, CHN, OTH	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	3623 from 4623	Introduction to Simulation to Simulation	U from D	CT, CD, CHN, CEGUC	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	4243	Automated Manufacturing	U	ELC	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	4623H to 3623H	Honors Introduction to Simulation to Honors Simulation	U	CT, CD, CHN, OTH	3	Fall 2010
WCOB	Business Dean	WCBD	WCOB	3043	From Books to Boardrooms	U	ANC	3	Fall 2010

**TABLE B****UCPC****Graduate Courses****December 18, 2009**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
EDUC	Curriculum & Instruction	CIED	EDFD	5323	Global Education	G	IN	3	Fall 2010
EDUC	Curriculum & Instruction	CIED	EDFD	5473	Adolescent Psychology in Education	G	IN	3	Fall 2010
EDUC	Health Science, Kinesiology, Recreation & Dance	HKRD	HLSC	5623	Health Planning	G	ELC	3	Fall 2010
EDUC	Eleanor Mann School of Nursing	NURS	NURS	589V	Workshop	G	IN	variable	Fall 2010
EDUC	Rehabilitation, Human Resources & Communication Disorders	RHRC	CDIS	5262	Seminar Hearing Disorders	G	IN	2	Fall 2010
EDUC	Rehabilitation, Human Resources & Communication Disorders	RHRC	RHAB	5353	Hearing Impairment and Human Behavior	G	ELC	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	5503	Design of Advanced Power Distribution Systems	G	ANC	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	5703	RF & Microwave Design	G	ANC	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	5713	Antennas and Radiation	G	IN	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	5783	Introduction to Antennas	G	ANC	3	Fall 2010
ENGR	Engineering Dean	ENGD	GNEG	550V	Master's Research Project	G	ANC	variable	Fall 2010
ENGR	Mechanical Engineering	MEEG	MEEG	5203	Robot Modeling and Simulation	G	ANC	3	Fall 2010
WCOB	Economics	ECON	ECON	6713	Industrial Organization I	G	ANC	3	Fall 2010
WCOB	Economics	ECON	ECON	6723	Industrial Organization II	G	ANC	3	Fall 2010
WCOB	Economics	ECON	ECON	6813	International Macroeconomics	G	ANC	3	Fall 2010
WCOB	Economics	ECON	ECON	6823	International Development Economics	G	ANC	3	Fall 2010

WCOB Economics

ECON ECON 6913 Experimental Economics

G

ANC

3

Fall 2010

**TABLE C****UCPC****Dual Courses****December 18, 2009**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
AFLS	Poultry Science	POSC	POSC	4033 from 4034	Statistical Process Control in the Food Industry	D from U	CD, CHN, CCH, CEDUDC	3 from 4	Fall 2010
ARCH	Architecture	ARCH	ARCH	4853	Renaissance Architecture	U	ANC	3	Fall 2010
ENGR	Biological Engineering	BENG	BENG	4014 to 3104	Electronic Instrumentation for Biological Systems	D to U	CD, CHN, CEGUC	4	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	4313	Programming Languages	D	IN	3	Fall 2010
ENGR	Computer Science & Computer Engineering	CSCE	CSCE	4433	Cryptography	D	ANC	3	Fall 2010
ENGR	Electrical Engineering	ELEG	ELEG	4814	Advanced Digital Design	D to U	CD, CEGUC	4	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	4623 to 3623	Introduction to Simulation to Simulation	D to U	CT, CD, CHN, CEGUC	3	Fall 2010
ENGR	Industrial Engineering	INEG	INEG	4723	Ergonomics	D	CD, OTH	3	Fall 2010

**TABLE D****UCPC****Law Courses****December 18, 2009**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
LAWW	Law	LAWD	LAWW	635V	Journal of Islamic Law and Culture Credit	L	ANC	variable	Fall 2010
LAWW	Law	LAWD	LAWW	7053	Prosecution Externship to Externship: Federal Public Defender	L	CT, CD	3	Fall 2010
LAWW	Law	LAWD	LAWW	7913 to 791V	Government Regulation of Agriculture	L	CHN, CCH	2 to variable	Fall 2010

## KEY

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### ACTION

ANC= ADD NEW COURSE

ELC= ELIMINATE COURSE

CT= CHANGE TITLE

CD= CHANGE DESCRIPTION

CHN= CHANGE COURSE NUMBER FROM \_\_\_TO\_\_\_

CCH= CHANGE CREDIT HOURS FROM \_\_\_TO\_\_\_

CL= CROSS LISTED

CEUDC= CHANGE EXISTING UNDERGRADUATE COURSE TO DUAL CREDIT

CEUGC= CHANGE EXISTING UNDERGRADUATE COURSE TO GRADUATE CREDIT

CEGUC= CHANGE EXISTING DUAL/GRADUATE COURSE TO UNDERGRADUATE CREDIT

OTH= OTHER

RA= REACTIVATE COURSE

IN= INACTIVATE COURSE

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.



**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None

ATTACHMENT 1A

Academic Policy Series

1622.20A

ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

Department / Program Chair Date Submitted Graduate Council Chair Date
College Dean Date Faculty Senate Chair Date
Honors College Dean Date Provost Date
Core Curriculum Committee Date Board of Trustees Approval/Notification Date
University Course and Programs Committee Date Arkansas Higher Education Coordinating Board Approval/Notification Date

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: [X] Major/Field of Study [ ] Minor [ ] Other Unit [ ] Policy
Level: [X] Undergraduate [ ] Graduate [ ] Law Effective Catalog Year

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name BSHES, Human Environmental Sciences

College, School, Division AFLS Department Code HESC

Current Code (6 digit Alpha) HESCBS Proposed Code (6 digit Alpha)
Prior approval from the Office of the Registrar is required.

[ ] Interdisciplinary Program CIP Code 19.0101
Prior assignment from Office of Institutional Research is required.

Proposed Name
When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

[ ] For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE
http://www.arkansashighered.com/pdfs/BookAppNewProgramCriteriaandProceduresRevised2005.pdf.

[ ] Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here:

SECTION IV: Eliminate an Existing Program/Unit

Code/Name Effective Catalog Year
No new students admitted to program after Term: Year:
Allow students in program to complete under this program until Term: Year:

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made: The following enumerates the changes to this program:

- 1. The non-specific computer requirement is replaced with CIED 1003.**
- 2. State Minimum Core requirements with regard to Science are changed. The previous requirement was the completion of CHEM 1074/1071L and CHEM 2613/2611L and BIOL 1543/1541L. The new requirement will be the successful completion of CHEM 1074/1071L or CHEM 1103/1101L. Also, students will be required to successfully complete an additional science course with a lab (totaling 4 hours) from the State Minimum Core.**
- 3. State Minimum Core requirements with regard to Fine Arts and Humanities are changed so that students are not required to complete ARTS 1003. The new requirement is for students to choose 6 hours from courses that meet the Fine Arts and Humanities requirements of the State Minimum Core.**
- 4. HESC 3203, Nutrition/Health Prof & Educ, and HESC 3763L, Family Resource Mgmt. Lab, will no longer be included in the course requirements.**
- 5. The following courses will be new requirements:**
  - a) HESC 3423 -- Adolescent Development**
  - b) HESC 2203 -- Nutrition for Exercise and Sport**

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

## **SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**These changes are made to be consistent with the Family and Consumer Sciences Education Major in the College of Education and Health Professions. HESC students will be able to take the PRAXIS I exams leading to FACS Teacher Licensure.**

## **SECTION VII: Catalog Text and Format**

*In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

**For centers, prepare text consistent with current catalog style.**

## **GENERAL HUMAN ENVIRONMENTAL SCIENCES**

### **(GHES)**

Mary M. Warnock

Director

118 Home Economics Building

479-575-4305

The general human environmental sciences curriculum serves students seeking a background in all of the subject-matter areas of human environmental sciences. The general curriculum prepares students for careers in social services, business, and the Cooperative Extension Service. Liberal elective hours allow students to select courses and programs to meet individual needs.

Students may be certified by the Arkansas State Board of Education to teach family and consumer sciences in Arkansas public schools by combining the pre-professional education courses as electives and completing the Master of Arts in teaching (M.A.T.) degree requirements. (See M.A.T., page 240). At the beginning of the sophomore year, students should consult with their advisers to schedule the general education and pre-professional education courses. Requirements for a Major in General Human Environmental Sciences (See page 40 for University Core and page 70 for B.S.H.E.S. requirements) English/Communications (12 hours)

#### **\_\_ ENGL 1013 Composition I**

\_\_ ENGL 1023 Composition II

\_\_ ENGL 2003 Advanced Composition or Exemption Elective – See page 41 for exemption information

\_\_ COMM 1313 Fundamentals of Communication

U.S. History University Core Course (3 hours)

Choose 3 hours from U.S. History University Core – See page 40

Mathematics University Core Course and Computers (6 hours)

\_\_ MATH 1203 College Algebra or higher level math

#### **\_\_ CIED 1003 Introduction to Technology in Education**

Biological and Physical Sciences (8-9 hours)

\_\_ CHEM 1074/1071L Fundamentals of Chemistry and lab or CHEM 1103/1101L University Chemistry and Lab

**Choose Science course w/lab from State Minimum Core**

Fine Arts/Humanities University Core Courses (6 hours)

Choose 3 hours from category a and 3 hours from category b in “State

Minimum Fine Arts/Humanities Core” – See page 40

Social Sciences University Core Courses (9 hours)

\_\_ PSYC 2003 General Psychology

Choose 6 hours from State Minimum Social Sciences Core from other listed fields of study – See page 40

Health Science (3 hours)

\_\_ HLSC 1002 Wellness Concepts

\_\_ PEAC 1621 Fitness Concepts

GHES Major Requirements (43 hours)

\_\_ HESC 1013 Introduction to Clothing Concepts

\_\_ HESC 1023 Introduction to Apparel Production

\_\_ HESC 1213 Nutrition in Health

\_\_ HESC 1403 Life Span Development

\_\_ HESC 1501 Orientation to HESC

\_\_ HESC 2053 Introduction to Textile Science with lab component

\_\_ HESC 2112/2111L Foods I and lab

**\_\_ HESC 2203 Nutrition for Exercise and Sport**

\_\_\_ HESC 2413 Family Relations  
\_\_\_ HESC 2433 Child Development  
\_\_\_ HESC 3402/3401L Child Guidance and lab  
**\_\_\_ HESC 3423 Adolescent Development**  
\_\_\_ HESC 4453 Parenting and Family Dynamics  
\_\_\_ HESC 4753 Family Financial Management  
\_\_\_ HESC 4813 Human Factors in ID

General Electives (33-34 hours)

124 Total Hours

General Human Environmental Sciences Eight-Semester Degree Program  
Students wishing to follow the degree plan should see page 42 in the  
Academic Regulations chapter for university requirements of the program.

3 HESC 1403 Lifespan Development  
1 HESC 1501 Orientation to HESC  
3 ENGL 1013 Composition I  
3 MATH 1203 College Algebra or higher level math  
3 Fine Arts Core Elective (Category a of University Core)  
**3 CIED 1003 Introduction to Technology in Education**  
16 Semester hours

3 HESC 1013 Introduction to Clothing Concepts  
3 HESC 2413 Family Relations  
3 PSYC 2003 General Psychology  
3 ENGL 1023 Composition II  
**3** General Elective  
1 PEAC 1621 Fitness Concepts  
**16** Semester hours

3 HESC 1023 Introduction to Apparel Production  
3 HESC 2433 Child Development  
3 COMM 1313 Fundamentals of Communications  
2 HLSC 1002 Wellness Concepts  
**4-5** CHEM 1074/1071L Fundamentals of Chemistry and lab or **CHEM 1103/1101L University Chemistry and lab**  
**15-16** Semester hours

3 HESC 3402/3401L Child Guidance and lab  
3 HESC 2053 Introduction to Textile Science with lab component  
3 Social Science Core Elective  
3 Humanities Core Elective (category b – See page 40)  
**3 HESC 3423 Adolescent Development**  
15 Semester hours

**3** General Elective  
3 HESC 2112/2111L Foods I and lab  
3 HESC 1213 Nutrition in Health  
**4** Science Core Elective and lab  
3 Social Science Core (ANTH 1023 Introduction to Cultural Anthropology or SOCI 2013 General Sociology)  
16 Semester hours

**3 HESC 2203 Nutrition for Exercise and Sport**  
3 ENGL 2003 Advanced Composition or exemption elective  
**3** General Elective  
6 General Electives – upper division  
**15** Semester hours

3 HESC 4453 Parenting/Family Dynamics  
3 HESC 4753 Family Financial Management  
3 U.S. History Core Elective  
6 General Electives – upper division  
15 Semester hours

3 HESC 4813 Human Factors in Interior Design  
**6** General Electives – upper division  
**6-7** General Electives  
**15-16** Semester hours  
124 Total Hours

**SECTION VIII: Action Recorded by Registrar's Office**

PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_  
DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

REPORTING CODES

PROG. DEF. \_\_\_\_\_ REQ. DEF. \_\_\_\_\_  
Initials \_\_\_\_\_ Date \_\_\_\_\_

**Distribution**

Notification to:

- (1) College (2) Department (3) Admissions (4) Institutional Research (5) Continuing Education (6) Graduate School  
(7) Treasurer (8) Undergraduate Program Committee

5/12/08

## ATTACHMENT 1B

### Dale Bumpers College of Agricultural, Food & Life Sciences EIGHT-SEMESTER DEGREE COMPLETION PROGRAM B.S.H.E.S. – General Human Environmental Sciences (GHES) 2010-2011

GHES Requirements: 12 hours Communication; 3 hours History; 6 hours Mathematics and Computers; 8-9 hours Physical and Biological Sciences; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 3 hours Health Science/Physical Education; 43 hours departmental core; 33-34 hours general electives.

**Bold** – Course meets University Core

Pre-requisites, co-requisites, or recommended courses are in parentheses.

Fall Semester Year 1		Spring Semester Year 1	
Course	Hours	Course	Hours
HESC 1403 Lifespan Development	3	HESC 1013 Introduction to Clothing Concepts (Pre-HESC 1501)	3
HESC 1501 Orientation to HESC	1	HESC 2413 Family Relations (PRE-HESC 1501)	3
<b>ENGL 1013</b> Composition I	3	<b>PSYC 2003</b> General Psychology	3
<b>MATH 1203</b> College Algebra or higher level math	3	<b>ENGL 1023</b> Composition II (Pre-ENGL 1013)	3
CIED 1003 Intro. to Technology in Education	3	General Elective	3
<b>Fine Arts Core Elective (a)</b>	3	PEAC 1621	1
<b>Total Semester Hours</b>	<b>16</b>	<b>Total Semester Hours</b>	<b>16</b>
Fall Semester Year 2		Spring Semester Year 2	
Course	Hours	Course	Hours
HESC 1023 Introduction to Apparel Production	3	HESC 2053/2050L Introduction to Textile Science	3
HESC 2433 Child Development	3	HESC 3402/3401L Child Guidance & Lab (HESC 2433)	3
COMM 1313 Fundamentals of Communication	3	<b>Social Science Core Elective</b>	3
HLSC 1002 Wellness Concepts	2	<b>Humanities Core Elective (b)</b>	3
<b>CHEM 1074/1071L</b> Fundamentals of Chemistry or <b>CHEM 1103/1101L</b>	4-5	HESC 3423 Adolescent Development (Pre-HESC 1403, PSYC 2003)	3
<b>Total Semester Hours</b>	<b>15-16</b>	<b>Total Semester Hours</b>	<b>15</b>
Fall Semester Year 3		Spring Semester Year 3	
Course	Hours	Course	Hours
General Elective	3	ENGL 2003 Advanced Composition (Pre-ENGL 1013 & ENGL 1023) <b>OR</b> Exemption Elective	3
HESC 2112/2111L Foods I (Pre-HESC 1501, CHEM 1074/1071L <b>OR</b> CHEM 1103/1101L)	3	HESC 2203 Nutrition for Exercise and Sport	3
HESC 1213 Nutrition in Health	3	General Electives – upper level	6
<b>Science Core Course with Lab</b>	4	General Electives	3
<b>Social Science Core Elective</b> (ANTH 1023 or SOCI 2013)	3	<b>Total Semester Hours</b>	<b>15</b>
<b>Total Semester Hours</b>	<b>16</b>		
Fall Semester Year 4		Spring Semester Year 4	
Course	Hours	Course	Hours
HESC 4453 Parenting and Family Dynamics (Pre-HESC 1403 <b>OR</b> PSYC 2003)	3	HESC 4813 Human Factors in Interior Design (Pre-SOCI 2013, PSYC 2003, and junior standing)	3
HESC 4753 Family Financial Management	3	General Electives – upper level	6
<b>History Core Elective</b>	3	General Electives	6-7
General Electives – upper level	6	<b>Total Semester Hours</b>	<b>15-16</b>
<b>Total Semester Hours</b>	<b>15</b>		



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**ATTACHMENT 1C**

SCHOOL OF HUMAN ENVIRONMENTAL SCIENCES  
**Check Sheet for General Human Environmental Sciences (GHES) Curriculum**  
 2010-2011 Catalog

Name \_\_\_\_\_ ID# \_\_\_\_\_ Advisor \_\_\_\_\_

**Communications**

- \_\_\_ ENGL 1013
- \_\_\_ ENGL 1023
- \_\_\_ ENGL 2003<sup>1</sup> or exemption elective
- \_\_\_ COMM 1313

**12 hrs.**

**GHES Major Requirements:**

**Health Science/Physical Education**

**3 hrs.**

- \_\_\_ HLSC 1002
- \_\_\_ PEAC 1621

**US History or Government**

- \_\_\_ Choose 3 hours from US History University Core

**3 hrs.**

**Human Environmental Sciences**

**43 hrs.**

- \_\_\_ HESC 1013 Intro to Clothing Concepts *FA/SP*
- \_\_\_ HESC 1023 Intro to Apparel Production *FA/SP*
- \_\_\_ HESC 1213 Nutrition in Health *FA/SP*
- \_\_\_ HESC 1403 Life Span Development *FA/SP*
- \_\_\_ HESC 1501 Orientation *FA/SP*
- \_\_\_ HESC 2053 Intro to Textile Science *FA/SP*
- \_\_\_ HESC 2112/HESC2111L Foods I & Lab *FA/SP*
- \_\_\_ HESC 2203 Nutrition for Exercise and Sport *SP*
- \_\_\_ HESC 2413 Family Relations *FA/SP*
- \_\_\_ HESC 2433 Child Development *FA/SP*
- \_\_\_ HESC 3402/3401L Child Guidance & Lab *FA/SP*
- \_\_\_ HESC 3423 Adolescent Development *SP*
- \_\_\_ HESC 4453 Parenting and Family Dynamics *FA*
- \_\_\_ HESC 4753 Family Financial Management *FA*
- \_\_\_ HESC 4813 Human Factors in ID *SP*

**Mathematics**

- \_\_\_ MATH 1203 or higher level math
- \_\_\_ CIED 1003 Intro to Tech. in Education

**6 hrs.**

**Physical & Biological Sciences**

- \_\_\_ CHEM 1074<sup>2</sup> \_\_\_ CHEM 1071L<sup>2</sup> or CHEM 1103/1101L
- Choose Science course w/lab from State Min. Core

**8-9 hrs.**

**Fine Arts/Humanities**

- \_\_\_ 3 hrs selected from State Minimum Fine Arts Core (section a)
- \_\_\_ 3 hrs selected from State Minimum Humanities Core (section b)

**6 hrs.**

**Social Science**

- \_\_\_ PSYC 2003
- \_\_\_ ANTH 1023 or SOCI 2013
- Plus:** select 1 course to meet State Minimum Social Sciences Core

**9 hrs.**

**Electives from any department in the university (33-34 hours)<sup>3</sup>**

(18-19 of the elective hours must be upper Level)\*


**Total Hours Required**

**124 hrs.**

<sup>1</sup> Exemption may be earned by proficiency exam, see University catalog. If not exempt, ENGL 2003 must be taken before the last semester of your senior year. If students choose to take the exemption exam, it must be taken within 30-96 hours. Twelve hours in Communications, including three hours of communication (speech) required regardless of exemption.

<sup>2</sup> Students may substitute two courses in general chemistry for CHEM 1074 and 1071L, if desired

<sup>3</sup> Students wishing to qualify for FACS teacher licensure may use electives to meet requirements and should take: CIED 3023; CIED 3033; CATE 4003; CATE 4013; CATE 1001; CATE 4023; CATE 4033 and successfully complete PRAXIS I exams. A M.Ed. in Secondary Education that leads to family and consumer sciences teacher licensure is offered in the College of Education and Health Professions. See <http://cied.uark.edu/6949.htm> for information.

\* 39 total hours of upper level courses are required for all HESC majors.

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**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.

**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None

ATTACHMENT 2A

Academic Policy Series

1622.20A

ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

Department / Program Chair Date Submitted Graduate Council Chair Date
College Dean Date Faculty Senate Chair Date
Honors College Dean Date Provost Date
Core Curriculum Committee Date Board of Trustees Approval/Notification Date
University Course and Programs Committee Date Arkansas Higher Education Coordinating Board Approval/Notification Date

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: [X] Major/Field of Study [ ] Minor [ ] Other Unit [ ] Policy
Level: [X] Undergraduate [ ] Graduate [ ] Law Effective Catalog Year 2010

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name Residency Requirements

College, School, Division WCOB Department Code
Current Code (6 digit Alpha) Proposed Code (6 digit Alpha)
Prior approval from the Office of the Registrar is required.

[ ] Interdisciplinary Program CIP Code
Prior assignment from Office of Institutional Research is required.

Proposed Name
When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

[ ] For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE
http://www.arkansashighered.com/pdfs/BookAppNewProgramCriteriaandProceduresRevised2005.pdf.

[ ] Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here:

SECTION IV: Eliminate an Existing Program/Unit

Code/Name Effective Catalog Year
No new students admitted to program after Term: Year:
Allow students in program to complete under this program until Term: Year:

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made:

**Residency Requirements. Students must earn a minimum of 30 semester hours on the Fayetteville campus - this includes study abroad classes, on-line, and Global Campus courses. Other courses paid towards Fayetteville campus tuition and fees may be used with the approval by the student's Dean's Office. These 30 semester hours must include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and/or degree program.**

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

### **SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**The University of Arkansas' Enrollment Requirement (Residency Requirement) has been modified to be standardized across all colleges. Currently, Walton College students must complete 36 hours of upper division in residence. The new policy requires 30 hours of upper division in residence which eliminates the 50% of the total hours in business and economics to be taken in residence.**

### **SECTION VII: Catalog Text and Format**

*In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

**For centers, prepare text consistent with current catalog style.**

#### **CURRENT:**

Residency Requirements. The senior year's curriculum (last 30 hours) in business must be taken in residence. In addition, the student's major requirements (or the degree equivalent) and WCOB 3016 must be completed in residence. Specifically required junior or senior courses in business or economics must be taken at the University of Arkansas or at an AACSB-accredited school. At least 50



percent of the total hours in business and economics must be taken in residence.

NEW:

Residency Requirements. Students must earn a minimum of 30 semester hours on the Fayetteville campus - this includes study abroad classes, on-line, and Global Campus courses. Other courses paid towards Fayetteville campus tuition and fees may be used with the approval by the student's Dean's Office. These 30 semester hours must include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and/or degree program.

### SECTION VIII: Action Recorded by Registrar's Office

#### PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_  
DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

#### REPORTING CODES

PROG. DEF. \_\_\_\_\_ REQ. DEF. \_\_\_\_\_  
Initials \_\_\_\_\_ Date \_\_\_\_\_

#### Distribution

Notification to:

- (1) College                      (2) Department                      (3) Admissions                      (4) Institutional Research                      (5) Continuing Education                      (6) Graduate School  
(7) Treasurer                      (8) Undergraduate Program Committee

5/12/08

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.

**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None



**Requirements for Walton Scholars Program:**

**1. Complete 17 of 35 University Core hours in honors courses to be selected from the University Core or from 1000- or 2000-level WCOB core courses (excluding WCOB 1111H). MATH 2554 and MATH 2564 also count toward this requirement. 12 hours must be completed in honors within the first 30 hours at the UAF campus.**

**2. Demonstrate proficiency in a foreign language. This requires 0 to 12 hours of course work. Students may demonstrate proficiency by completing the 2013-level course in any foreign language. Students whose native language is not English must complete a 2013-level course other than their native language from Arabic, Chinese, French, German, Italian, Japanese, or Spanish or COMM 2303 and COMM 2323. Students must complete a foreign language or communications course within the first 90 hours at the UAF campus.**

**3. Complete nine credit hours of honors courses in Walton College to include the following:**

**a. One three-hour college colloquium. This is an interdisciplinary course with topics appealing to a wide range of majors. The subject matter changes annually and must be completed within the first 90 hours at the UAF campus.**

**b. One three-hour departmental colloquium: Each department will offer one departmental colloquium each year. It is designed for seniors.**

**c. Students are required to complete the departmental colloquium in their major department. Students majoring in more than one area of study may elect to choose the departmental colloquium in either major department.**

**d. A three-hour thesis: The thesis is a major independent writing project and arises from an international study experience, an intern-ship, or working with a professor on research.**

**4. Complete an alternate honors capstone course WCOB 3016H, Business Strategy and Planning which should be completed within the first 90 hours at the UAF campus.**

**Requirements for the Departmental Scholars program:**

**1. Complete nine hours of honors courses to be selected from the University Core or from 1000- or 2000-level WCOB core courses (excluding WCOB 1111H) and demonstrate proficiency in a foreign language by completing a 2003 course in any foreign language. Students whose native language is not English must complete a 2003-level course other than their native lanaguage of a third language from Arabic, Chinese, French, German, Italian, Japanese, or Spanish or COMM 2303.**

**2. Complete nine hours of honors courses in Walton College to include:**

**a. One three-hour college colloquium**

**b. One three-hour departmental colloquium. Students are required to complete the departmental colloquium in their major depart-ment. Students majoring in more than one area of study may elect to choose the departmental colloquium in either major department.**

**c. A three-hour thesis.**

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
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- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

**SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**In an effort to provide structure to students in the Honors Program regarding completion of course and program expectations, we are modifying the Honors Program text to ensure students adhere to the existing requirements. In addition, we are incorporating specific classes to satisfy the foreign language requirement in cases where a third language in English may substitute.**

**SECTION VII: Catalog Text and Format**

*In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.*

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- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

**For centers, prepare text consistent with current catalog style.**

**Proposed catalog text:**

**Requirements for Walton Scholars Program:**

**1. Complete 17 of 35 University Core hours in honors courses to be selected from the University Core or from 1000- or 2000-level WCOB core courses (excluding WCOB 1111H). MATH 2554 and MATH 2564 also count toward this requirement. 12 hours must be completed in honors within the first 30 hours at the UAF campus.**

**2. Demonstrate proficiency in a foreign language. This requires 0 to 12 hours of course work. Students may demonstrate proficiency by completing the 2013-level course in any foreign language. Students whose native language is not English must complete a 2013-level course other than their native language from Arabic, Chinese, French, German, Italian, Japanese, or Spanish or COMM 2303 and COMM 2323. Students must complete a foreign language or communications course within the first 90 hours at the UAF campus.**

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**b. One three-hour departmental colloquium: Each department will offer one departmental colloquium each year. It is designed for seniors.**

**c. Students are required to complete the departmental colloquium in their major department. Students majoring in more than one area of study may elect to choose the departmental colloquium in either major department.**

**d. A three-hour thesis: The thesis is a major independent writing project and arises from an international study experience, an internship, or working with a professor on research.**

**4. Complete an alternate honors capstone course WCOB 3016H, Business Strategy and Planning which should be completed within the first 90 hours at the UAF campus.**

**Requirements for the Departmental Scholars program:**

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**2. Complete nine hours of honors courses in Walton College to include:**

**a. One three-hour college colloquium**

**b. One three-hour departmental colloquium. Students are required to complete the departmental colloquium in their major department. Students majoring in more than one area of study may elect to choose the departmental colloquium in either major department.**

**c. A three-hour thesis.**

**SECTION VIII: Action Recorded by Registrar's Office**

PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_

SUBJ \_\_\_\_\_

CIP \_\_\_\_\_

CRTS \_\_\_\_\_

DGRE \_\_\_\_\_

PGCT \_\_\_\_\_

OFFC&CRTY VALID \_\_\_\_\_

REPORTING CODES

PROG. DEF. \_\_\_\_\_

REQ. DEF.

Initials \_\_\_\_\_

Date \_\_\_\_\_

**Distribution**

Notification to:

(1) College  
(7) Treasurer

(2) Department  
(8) Undergraduate Program Committee

(3) Admissions

(4) Institutional Research

(5) Continuing Education

(6) Graduate School

5/12/08



**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.

**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None

ATTACHMENT 2C

Academic Policy Series

1622.20A

ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

Department / Program Chair Date Submitted Graduate Council Chair Date
College Dean Date Faculty Senate Chair Date
Honors College Dean Date Provost Date
Core Curriculum Committee Date Board of Trustees Approval/Notification Date
University Course and Programs Committee Date Arkansas Higher Education Coordinating Board Approval/Notification Date

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: [X] Major/Field of Study [ ] Minor [ ] Other Unit [ ] Policy
Level: [X] Undergraduate [ ] Graduate [ ] Law Effective Catalog Year 2010

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name Pre-Business Requirements for Business Students

College, School, Division WCOB Department Code

Current Code (6 digit Alpha) Proposed Code (6 digit Alpha)
Prior approval from the Office of the Registrar is required.

[ ] Interdisciplinary Program CIP Code
Prior assignment from Office of Institutional Research is required.

Proposed Name
When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

[ ] For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE
http://www.arkansashighered.com/pdfs/BookAppNewProgramCriteriaandProceduresRevised2005.pdf.

[ ] Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here:

SECTION IV: Eliminate an Existing Program/Unit

Code/Name Effective Catalog Year
No new students admitted to program after Term: Year:
Allow students in program to complete under this program until Term: Year:

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made:
Pre-Business Requirements

**Students pursuing a degree in Walton College are classified as pre-business with an intended major until all pre-business requirements are fulfilled. The following policies apply to the pre-business program:**

**To be eligible to enroll in upper-division business courses in Walton College, a student must complete the Walton College computer competency requirement (WCOB 1120) and maintain at least a 2.50 (on a 4.00 scale) overall grade-point average (GPA) in addition to completing the 36 credit hours listed below of pre-business core courses (or their equivalents), also with at least a 2.50 GPA. Further, a student must complete all courses offered to meet this requirement with a grade of “C” or better or the requirement for graduation. The pre-business core courses are as follows:**

**COMM 1313 Fundamentals of Communication**

**ECON 2013 Principles of Macroeconomics**

**ECON 2023 Principles of Microeconomics**

**MATH 2043 Survey of Calculus**

**MATH 2053 Finite Mathematics**

**WCOB 1111 Freshman Business Connections**

**WCOB 1012 Legal Environment of Business**

**WCOB 1023 Business Foundations**

**WCOB 1033 Data Analysis and Interpretation**

**WCOB 2013 Markets and Consumers**

**WCOB 2023 Production and Delivery of Goods and Services**

**WCOB 2033 Acquiring and Managing Human Capital**

**WCOB 2043 Acquiring and Managing Financial Resources**

**Students’ records will be evaluated each semester to determine whether a student should be moved to a major and have pre-business classification removed. After receiving notification that a student has been admitted into his or her major, the student is expected to arrange for a degree check by the Undergraduate Programs Office to ascertain remaining degree requirements.**

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean’s office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
- Program change proposal deletes courses offered by another academic college, and that college dean’s office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except “Proposed Name” in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except “Proposed Name” in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except “Proposed Name” in II, section III, and section IV.)
- Change in Program Policies

## **SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**To comply with ACT 182, ENGL 1013, Composition I and ENGL 1023, Composition II have been deleted from the pre-business course requirements. The total pre-business classes has been changed from 42 to 36 hours.**

## **SECTION VII: Catalog Text and Format**

*In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).

- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

**For centers, prepare text consistent with current catalog style.**

**Pre-Business Requirements**  
 Students pursuing a degree in Walton College are classified as pre-business with an intended major until all pre-business requirements are fulfilled. The following policies apply to the pre-business program:  
 To be eligible to enroll in upper-division business courses in Walton College, a student must complete the Walton College computer competency requirement (WCOB 1120) and maintain at least a 2.50 (on a 4.00 scale) overall grade-point average (GPA) in addition to completing the 36 credit hours listed below of pre-business core courses (or their equivalents), also with at least a 2.50 GPA. Further, a student must complete all courses offered to meet this requirement with a grade of "C" or better or the requirement for graduation. The pre-business core courses are as follows:  
 COMM 1313 Fundamentals of Communication  
 ECON 2013 Principles of Macroeconomics  
 ECON 2023 Principles of Microeconomics  
 ENGL 1013 Composition I - deleted  
 ENGL 1023 Composition II - deleted  
 MATH 2043 Survey of Calculus  
 MATH 2053 Finite Mathematics  
 WCOB 1111 Freshman Business Connections  
 WCOB 1012 Legal Environment of Business  
 WCOB 1023 Business Foundations  
 WCOB 1033 Data Analysis and Interpretation  
 WCOB 2013 Markets and Consumers  
 WCOB 2023 Production and Delivery of Goods and Services  
 WCOB 2033 Acquiring and Managing Human Capital  
 WCOB 2043 Acquiring and Managing Financial Resources  
 Students' records will be evaluated each semester to determine whether a student should be moved to a major and have pre-business classification removed. After receiving notification that a student has been admitted into his or her major, the student is expected to arrange for a degree check by the Undergraduate Programs Office to ascertain remaining degree requirements.

**SECTION VIII: Action Recorded by Registrar's Office**

**PROGRAM INVENTORY/DARS**

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_

DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

**REPORTING CODES**

PROG. DEF. \_\_\_\_\_ REQ. DEF. \_\_\_\_\_  
 Initials \_\_\_\_\_ Date \_\_\_\_\_

**Distribution**

- Notification to:
- |               |                                     |                |                            |                          |                     |
|---------------|-------------------------------------|----------------|----------------------------|--------------------------|---------------------|
| (1) College   | (2) Department                      | (3) Admissions | (4) Institutional Research | (5) Continuing Education | (6) Graduate School |
| (7) Treasurer | (8) Undergraduate Program Committee |                |                            |                          |                     |

5/12/08

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.



**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None

ATTACHMENT 2D

Academic Policy Series

1622.20A

ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

Department / Program Chair Date Submitted Graduate Council Chair Date
College Dean Date Faculty Senate Chair Date
Honors College Dean Date Provost Date
Core Curriculum Committee Date Board of Trustees Approval/Notification Date
University Course and Programs Committee Date Arkansas Higher Education Coordinating Board Approval/Notification Date

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: [ ] Major/Field of Study [X] Minor [ ] Other Unit [ ] Policy
Level: [X] Undergraduate [ ] Graduate [ ] Law Effective Catalog Year 2010

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name Accounting Minor for Business Students

College, School, Division WCOB Department Code ACCT

Current Code (6 digit Alpha) ACCT-M Proposed Code (6 digit Alpha)
Prior approval from the Office of the Registrar is required.

[ ] Interdisciplinary Program CIP Code
Prior assignment from Office of Institutional Research is required.

Proposed Name
When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

[ ] For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE
http://www.arkansashighered.com/pdfs/BookAppNewProgramCriteriaandProceduresRevised2005.pdf.

[ ] Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here:

SECTION IV: Eliminate an Existing Program/Unit

Code/Name Effective Catalog Year
No new students admitted to program after Term: Year:
Allow students in program to complete under this program until Term: Year:

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made:
Accounting Minor for Business Students:

**The Department of Accounting offers a minor for Walton College students desiring more knowledge of accounting to assist them in their business careers. The minor requires the completion of 15 specific hours of study with all of the courses applied toward the minor taken in residence. The 15 hours include the following courses:**

**ACCT 2013 Accounting Principles**

**ACCT 3533 Accounting Technology**

**ACCT 3613 Managerial Uses of Accounting Information**

**ACCT 3723 Intermediate Accounting I**

**ACCT 3843 Fundamentals of Taxation**

**Students who desire to earn an Accounting minor must notify the Walton College Undergraduate Programs Office of intent to pursue a minor. All requirements for the minor must be completed prior to the awarding of the student's undergraduate degree. All specific course prerequisites must be met. Each student must have a 2.00 cumulative grade-point average in the courses offered for the minor. All upper level minor requirements must be taken in residence.**

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

#### **SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

#### **SECTION VII: Catalog Text and Format**

*In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

**For centers, prepare text consistent with current catalog style.**

**CURRENT:**

**Accounting Minor for Business Students:**

The Department of Accounting offers a minor for Walton College students desiring more knowledge of accounting to assist them in their business careers. The minor requires the completion of 15 specific hours of study with all of the courses applied toward the minor taken in residence. The 15 hours include the following courses:

- ACCT 3533 Accounting Technology
- ACCT 3613 Managerial Uses of Accounting Information
- ACCT 3723 Intermediate Accounting I
- ACCT 3753 Intermediate Accounting II
- ACCT 3843 Fundamentals of Taxation

Students who desire to earn an Accounting minor must notify the Walton College Undergraduate Programs Office of intent to pursue a minor. All requirements for the minor must be completed prior to the awarding of the student's undergraduate degree. All specific course prerequisites must be met. Each student must have a 2.00 cumulative grade-point average in the courses offered for the minor. All upper level minor requirements must be taken in residence.

**NEW:**

**Accounting Minor for Business Students:**

The Department of Accounting offers a minor for Walton College students desiring more knowledge of accounting to assist them in their business careers. The minor requires the completion of 15 specific hours of study with all of the courses applied toward the minor taken in residence. The 15 hours include the following courses:

- ACCT 2013 Accounting Principles
- ACCT 3533 Accounting Technology
- ACCT 3613 Managerial Uses of Accounting Information
- ACCT 3723 Intermediate Accounting I
- ACCT 3843 Fundamentals of Taxation

Students who desire to earn an Accounting minor must notify the Walton College Undergraduate Programs Office of intent to pursue a minor. All requirements for the minor must be completed prior to the awarding of the student's undergraduate degree. All specific course prerequisites must be met. Each student must have a 2.00 cumulative grade-point average in the courses offered for the minor. All upper level minor requirements must be taken in residence.

**SECTION VIII: Action Recorded by Registrar's Office**

**PROGRAM INVENTORY/DARS**

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_  
 DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

**REPORTING CODES**

PROG. DEF. \_\_\_\_\_ REQ. DEF. \_\_\_\_\_  
 Initials \_\_\_\_\_ Date \_\_\_\_\_

**Distribution**

Notification to:

- (1) College
- (2) Department
- (3) Admissions
- (4) Institutional Research
- (5) Continuing Education
- (6) Graduate School
- (7) Treasurer
- (8) Undergraduate Program Committee

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.

**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None



ATTACHMENT 2E

Academic Policy Series

1622.20A

ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

Department / Program Chair Date Submitted Graduate Council Chair Date
College Dean Date Faculty Senate Chair Date
Honors College Dean Date Provost Date
Core Curriculum Committee Date Board of Trustees Approval/Notification Date
University Course and Programs Committee Date Arkansas Higher Education Coordinating Board Approval/Notification Date

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: [ ] Major/Field of Study [X] Minor [ ] Other Unit [ ] Policy
Level: [X] Undergraduate [ ] Graduate [ ] Law Effective Catalog Year 2010

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name Accounting Minor for Non-Business Students

College, School, Division WCOB Department Code ACCT

Current Code (6 digit Alpha) WACT-M Proposed Code (6 digit Alpha)
Prior approval from the Office of the Registrar is required.

[ ] Interdisciplinary Program CIP Code
Prior assignment from Office of Institutional Research is required.

Proposed Name
When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

[ ] For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE
http://www.arkansashighered.com/pdfs/BookAppNewProgramCriteriaandProceduresRevised2005.pdf.

[ ] Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here:

SECTION IV: Eliminate an Existing Program/Unit

Code/Name Effective Catalog Year
No new students admitted to program after Term: Year:
Allow students in program to complete under this program until Term: Year:

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made:
Business Administration Minors for Non-Business Students

**To facilitate students outside Walton College in obtaining knowledge that will assist them in making sustained contributions to organizations and society in a global, diverse, and dynamic environment, the Walton College offers a business minor. The minor requires completion of 20 to 21 required hours of study (including equivalencies) with at least 50 percent of the courses applied toward the minor taken in residence. Each student must have a 2.00 cumulative grade-point average in the courses offered for the minor.**

**All upper level minor requirements must be taken in residence. All students seeking a business minor are required to complete the Walton College computer competency requirement (WCOB 1120) and the following courses:**

**ECON 2143 Basic Economics Theory and Practice**

**WCOB 1023 Business Foundations**

**WCOB 1033 Data Analysis and Interpretation or equivalent**

**In addition, students must select and complete one of the following concentrations:**

**Concentration 2 – Accounting**

**ACCT 2013 Accounting Principles**

**ACCT 3613 Managerial Uses of Accounting Info**

**ACCT 3723 Intermediate Accounting I**

**Plus an additional three hours selected from the following:**

**ACCT 3533 Accounting Technology**

**ACCT 3843 Fundamentals of Taxation**

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
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Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

## **SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

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- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

**For centers, prepare text consistent with current catalog style.**

**CURRENT:**

**Business Administration Minors for Non-Business Students**

To facilitate students outside Walton College in obtaining knowledge that will assist them in making sustained contributions to organizations and society in a global, diverse, and dynamic environment, the Walton College offers a business minor. The minor requires completion of 20 to 21 required hours of study (including equivalencies) with at least 50 percent of the courses applied toward the minor taken in residence. Each student must have a 2.00 cumulative grade-point average in the courses offered for the minor.

All upper level minor requirements must be taken in residence. All students seeking a business minor are required to complete the Walton College computer competency requirement (WCOB 1120) and the following courses:

ECON 2143 Basic Economics Theory and Practice

WCOB 1023 Business Foundations

WCOB 1033 Data Analysis and Interpretation or equivalent

In addition, students must select and complete one of the following concentrations:

Concentration 2 – Accounting

ACCT 3613 Managerial Uses of Accounting Info

ACCT 3723 Intermediate Accounting I

Plus an additional six hours selected from the following:

ACCT 3533 Accounting Technology

ACCT 3753 Intermediate Accounting II

ACCT 3843 Fundamentals of Taxation

**NEW:**

**Business Administration Minors for Non-Business Students**

To facilitate students outside Walton College in obtaining knowledge that will assist them in making sustained contributions to organizations and society in a global, diverse, and dynamic environment, the Walton College offers a business minor. The minor requires completion of 20 to 21 required hours of study (including equivalencies) with at least 50 percent of the courses applied toward the minor taken in residence. Each student must have a 2.00 cumulative grade-point average in the courses offered for the minor.

All upper level minor requirements must be taken in residence. All students seeking a business minor are required to complete the Walton College computer competency requirement (WCOB 1120) and the following courses:

ECON 2143 Basic Economics Theory and Practice

WCOB 1023 Business Foundations

WCOB 1033 Data Analysis and Interpretation or equivalent

In addition, students must select and complete one of the following concentrations:

Concentration 2 – Accounting

ACCT 2013 Accounting Principles

ACCT 3613 Managerial Uses of Accounting Info

ACCT 3723 Intermediate Accounting I

Plus an additional three hours selected from the following:

ACCT 3533 Accounting Technology

ACCT 3843 Fundamentals of Taxation

**SECTION VIII: Action Recorded by Registrar's Office**

PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_

DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

REPORTING CODES

PROG. DEF. \_\_\_\_\_

REQ. DEF.

Initials \_\_\_\_\_

Date \_\_\_\_\_

**Distribution**

Notification to:

(1) College  
(7) Treasurer

(2) Department  
(8) Undergraduate Program Committee

(3) Admissions

(4) Institutional Research

(5) Continuing Education

(6) Graduate School

5/12/08

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.

**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None

ATTACHMENT 2F

Academic Policy Series

1622.20A

ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

Department / Program Chair Date Submitted Graduate Council Chair Date
College Dean Date Faculty Senate Chair Date
Honors College Dean Date Provost Date
Core Curriculum Committee Date Board of Trustees Approval/Notification Date
University Course and Programs Committee Date Arkansas Higher Education Coordinating Board Approval/Notification Date

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: [X] Major/Field of Study [ ] Minor [ ] Other Unit [ ] Policy
Level: [X] Undergraduate [X] Graduate [ ] Law Effective Catalog Year

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name BSBA in Accounting and Integrated MAcc Program

College, School, Division WCOB Department Code ACCT

Current Code (6 digit Alpha) ACCTBS Proposed Code (6 digit Alpha)
Prior approval from the Office of the Registrar is required.

[ ] Interdisciplinary Program CIP Code 52.0301
Prior assignment from Office of Institutional Research is required.

Proposed Name
When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

[ ] For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE
http://www.arkansashighered.com/pdfs/BookAppNewProgramCriteriaandProceduresRevised2005.pdf.

[ ] Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here:

SECTION IV: Eliminate an Existing Program/Unit

Code/Name Effective Catalog Year
No new students admitted to program after Term: Year:
Allow students in program to complete under this program until Term: Year:

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made:
Accounting



The objective of the B.S.B.A. accounting curriculum is to provide students with a broad overall education, solid grounding in the common body of knowledge of business administration, and exposure to accounting in sufficient depth to help them achieve entry-level competence for pursuit of a career in industry. The department also offers a five-year integrated program approach to receive the Master of Accountancy degree, which leads to the simultaneous award of the B.S.B.A. and the Master of Accountancy degrees. The integrated program is designed for students who wish to concentrate in accounting and obtain education in an accounting specialization. The objective of the integrated program is to provide students with advanced knowledge of accounting and business topics in order to obtain an accelerated position in accounting or help them launch a career in public accounting. Those students who are not accepted into the integrated program or choose not to enroll in the integrated program will be allowed to graduate with a B.S.B.A. upon successful completion of the B.S.B.A. degree requirements and Accounting Major Requirements detailed below.

### Bachelors of Science in Business Administration

The requirements of this program are:

#### Accounting Major Requirements Hours

Complete the requirements for a B.S.B.A. degree as listed under Degree Requirements.

<u>Total General Education</u>	<u>60</u>
<u>Walton College Core Requirements (See Degree Requirements)</u>	<u>33</u>
<u>Course Requirements in the Major</u>	<u>27</u>

<u>ACCT 2013 Accounting Principles</u>	<u>3</u>
<u>ACCT 3533 Accounting Technology</u>	<u>3</u>
<u>ACCT 3613 Managerial Uses of Accounting Info</u>	<u>3</u>
<u>ACCT 3723 Intermediate Accounting I</u>	<u>3</u>
<u>ACCT 3753 Intermediate Accounting II</u>	<u>3</u>
<u>ACCT 3843 Fundamentals of Taxation</u>	<u>3</u>
<u>ACCT 4673 Product, Project and Service Costing</u>	<u>3</u>
<u>ACCT 4963 Operational Auditing</u>	<u>3</u>

Choose a total of three hours from any of the following courses:

<u>ACCT 310V Spring Accounting Internship</u>	
<u>ACCT 410V Special Topics</u>	
<u>ACCT 4003H Honors Accounting Colloquium</u>	
<u>ISYS 2263 Introduction to Information Systems Development</u>	
<u>WCOB 4213 ERP Fundamentals</u>	
<u>Walton College Study Abroad Course</u>	<u>3</u>

Junior- senior-level electives within Walton College 12

Maximum of 30 hours of ACCT courses in department (core, major, elective). More than 30 hours allowed if the extra courses are part of interdisciplinary minor or collateral track.

<u>Total Walton College Requirements</u>	<u>60</u>
<u>Total Degree Requirements</u>	<u>126</u>

NOTE: Selection of electives should be made in consultation with academic advisers. Students planning on taking professional examinations should ascertain course requirements by examining authorities. Successful completion of a Master of Accountancy Degree from the University of Arkansas will qualify a student to take the CPA examination in Arkansas. B.S.B.A. graduates would need additional accounting hours and other courses amounting to a total of 150 semester hours to sit for the CPA exam in Arkansas.

In addition to the coursework below, students must complete the Advanced Composition Requirement or gain exemption. Courses in BOLD must be taken in the designated semester. Courses in ITALIC may be taken in varied sequences as long as other designated requirements for these courses are met. Although other courses listed are not required to be completed in the designated sequence, the recommendations below are preferred.

### Accounting Eight-Semester Degree Plan

#### Fall Semester Year 1

<u>3</u>	<u>ENGL 1013 Composition I ** – University Core</u>
<u>3</u>	<u>MATH 2053 Finite Math – University Core</u>
<u>3</u>	<u>COMM 1313 Fundamentals of Communication</u>
<u>1</u>	<u>WCOB 1111 Freshman Business Connections</u>
<u>2</u>	<u>WCOB 1012 Legal Environment of Business *</u>
<u>0</u>	<u>WCOB 1120 Computer Competency Requirement</u>
<u>3</u>	<u>U.S. History or Political Science – University Core</u>

**15 Semester Hours**

**Spring Semester Year 1**

- 3 ENGL 1023 Composition II \*\* - University Core**
- 3 WCOB 1023 Business Foundations**
- 3 WCOB 1033 Data Analysis and Interpretation**
- 3 ECON 2023 Microeconomics – University Core**
- 4 Natural Science – University Core**
- 16 Semester Hours**

**Fall Semester Year 2**

- 3 MATH 2043 Survey of Calculus \*\***
- 3 ECON 2013 Macroeconomics \*\* - University Core**
- 3 WCOB 2043 Acquiring and Managing Financial Resources**
- 3 Select ONE of the following:**
  - WCOB 2013 Markets and Consumers**
  - WCOB 2023 Production and Delivery of Goods and Services**
  - WCOB 2033 Acquiring and Managing Human Capital**
- 3 Social Science – University Core**
- 3 Fine Art/Humanities – University Core**
- 18 Semester Hours**

**Spring Semester Year 2**

- 3 Fine Art/Humanities – University Core**
  - 4 Natural Science – University Core**
  - 3 ACCT 2013 Accounting Principles**
  - 6 Select TWO of the following not completed in previous semester:**
    - WCOB 2013 Markets and Consumers**
    - WCOB 2023 Production and Delivery of Goods and Services**
    - WCOB 2033 Acquiring and Managing Human Capital**
  - 16 Semester Hours**
- ALL pre-business requirements should be met by end of term**

**Fall Semester Year 3**

- 3 ACCT 3723 Intermediate Accounting I**
- 3 ACCT 3613 Managerial Uses of Accounting**
- 6 WCOB 3016 Business Strategy and Planning**
- 3 Business Social Science**
- 1 General Education Elective**
- 16 Semester hours**

**Spring Semester Year 3**

- 3 ACCT 3553 Accounting Technology**
- 3 ACCT 3753 Intermediate Accounting II**
- 3 ACCT 3843 Fundamentals of Taxation**
- 3 Junior Senior Business Elective**
- 3 ENGL 2003 or ENGL 2013 or General Education Elective IF Advanced Composition Requirement has already been met \*\*\***
- 15 Semester hours**

**Fall Semester Year 4**

- 3 ACCT 4673 Production Project and Service Costing**
- 3 ACCT 4963 Operational Auditing**
- 6 Junior Senior Business Electives**
- 3 General Education Electives**
- 15 Semester hours**

## Spring Semester Year 4

3 Choose a total of three credit hours from any of the courses below:

- ACCT 310V Accounting Internship
- ACCT 410V Special Topics
- ACCT 4003H Honors Accounting Colloquium
- ACCT 4213 ERP Fundamentals
- ISYS 2263 Introduction to Information Systems
- 3 credit hours of WCOB Study Abroad

3 Junior Senior Business Electives

9 General Education Electives

15 Semester hours

126 Total hours

\* Must be taken prior to fall semester of sophomore year

\*\* Must be taken prior to fall semester of junior year

\*\*\* Must be taken prior to fall semester of senior year

## B.S.B.A./M.Acc.: Integrated Program

The integrated program to the Master of Accountancy is a five-year program of undergraduate and graduate coursework that allows outstanding students to earn the B.S.B.A. and the Master of Accountancy (M.Acc.) degrees at the same time. The professional curriculum, which usually begins in the student's junior year, includes specially designed accounting courses taught in relatively small classes by full-time faculty members. Students accepted into the integrated degree program may concurrently enroll in undergraduate and graduate level courses.

Because M.Acc. graduates are expected to become leaders in the accounting profession, highly motivated students with the personal qualities and intellectual capacity to establish successful careers in public accounting, industry, not-for-profit organizations, and higher education are encouraged to apply.

### Admission

Students are admitted to the integrated program according to the following requirements. Admission is granted only for the fall semester; June 1 is the application deadline for those who wish to begin the integrated program the following fall. Students interested in this program must have completed 90 credit hours of study towards the baccalaureate degree (including ACCT 2013, ACCT 3533, ACCT 3613, ACCT 3723) by the July 1 deadline:

Acceptance into the integrated program is based upon the discretion of the admissions committee. The committee considers the overall quality of the applications including the overall grade point average, the grades in ACCT 2013, ACCT 3533, ACCT 3613, ACCT 3723 and the Graduate Management Admission Test (GMAT), as well as other relevant examples of academic ability and leadership. To receive serious consideration by the admissions committee, a student should have a minimum GPA of 3.0 within the applicant's overall university and accounting coursework. Due to the demand for seats in the program, the admissions committee selectively restricts admission into the program based upon the availability of instructional resources. Students must complete at least two long-session semesters in residence in the M.Acc. program.

Transfer students will be handled on a case-by-case basis.

### Satisfactory Progress

Students are expected to make continuous progress toward the degree by completing required accounting coursework each semester. Students who fail to meet the requirements for the M.Acc. program must choose another major of study or finalize their B.S.B.A. in Accounting. Students will be notified before this action is taken and should meet with an academic advisor in the Undergraduate Programs Office upon notification.

### Probation

A student is placed on probation if his or her grade point average in core undergraduate accounting courses falls below 3.00. Except with the consent of the M.Acc. Program Director a student on probation may not take graduate accounting courses.

### Graduation

To receive an integrated B.S.B.A./M.Acc. degree, a student must have a grade point average of at least 3.00 in all coursework taken as part of the minimum thirty hour M.Acc. degree. He or she must also have a grade point average in graduate accounting coursework of at least 3.00.

### Degree Requirements

The requirements of B.S.B.A./M.Acc. Integrated program are:

1. Undergraduate coursework

a. Complete the requirements for the B.S.B.A. degree requirements and Accounting Major Requirements detailed above.

**b. Students are strongly encouraged, but not required, to participate in an accounting internship, ACCT 310V.**

**2. Graduate coursework**

**Students with appropriate backgrounds in business administration and economics and with an undergraduate concentration in accounting will be required to complete 30 semester hours of course work beyond the baccalaureate degree, at least 21 semester hours of which must be in courses reserved exclusively for graduate students..**

**All students must be enrolled for a minimum of 12 hours during consecutive fall/spring semesters. The student must be in residence a minimum of 24 weeks (see residency requirements of the Master of Arts/Master of Science).**

**A minimum of 18 semester hours of accounting are required, 12 hours of which are specified:**

**ACCT 5413 Advanced Financial Accounting**

**ACCT 5433 Fraud Prevention and Detection**

**ACCT 5953 Assurance Services**

**ACCT 5873 Advanced Taxation**

**A minimum of six semester hours of the student's graduate program must be non-accounting electives.**

**The M.Acc. degree program does not require a thesis. Successful completion of integrated B.S.B.A/M.Acc program from the University of Arkansas will qualify a student to take relevant professional examinations.**

**For further information, write to the M.Acc. Adviser, Department of Accounting, Walton College of Business, University of Arkansas, Fayetteville, AR 72701 or contact the Graduate School of Business at [gsb@walton.uark.edu](mailto:gsb@walton.uark.edu).**

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

**SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**The objective of the integrated program is to provide students with advanced knowledge of accounting and business topics in order to obtain an accelerated position in accounting or help them launch a career in public accounting. Those students who are not accepted into the integrated program or choose not to enroll in the integrated program will be allowed to graduate with a B.S.B.A. upon successful completion of the B.S.B.A. degree requirements and Accounting Major.**

**SECTION VII: Catalog Text and Format**

*In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.

- State eight-semester plan requirements

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

**For centers, prepare text consistent with current catalog style.**

Current:

Accounting

The mission of the department of accounting is to cultivate an environment of educational excellence. We do so by pursuing the following endeavors:

- o Providing a learning environment in which students interact with others to identify and solve accounting and business problems.
- o Developing and disseminating knowledge that has the potential for significant impact on accounting, business, and education.
- o Interacting with the accounting profession, the business and academic communities, and the community at large.

The department of accounting offers an undergraduate degree program in accounting and graduate programs at both the master's and doctoral levels. The department's programs are accredited by the AACSB – The International Association for Management Education, which ensures quality and promotes excellence and continuous improvement in undergraduate and graduate education.

A major in accounting is preparation for success in the business world. Every business needs accounting help, whether it is the largest retail company in the world, a small family-owned enterprise, an agency for the homeless, or a musical group touring the country. The accounting major provides an excellent foundation for a variety of careers.

For example, the professional public accountant provides auditing and accounting services to client business and non-business organizations in a variety of industries. A management accountant works for a particular organization in its finance and operations areas or becomes part of the management team. Some accountants are employed by non-profit organizations such as the American Cancer Society, state and local governments, or government agencies like the FBI. Other accounting graduates are self-employed in a variety of professions or businesses, and some continue in graduate school to prepare for teaching careers.

Professional examinations, such as the Certified Public Accountant (CPA) or Certified Management Accountant (CMA) examinations, are governed by the organizations that administer the exam. Students should see the accounting department upon enrollment in the University of Arkansas for information relative to the professional exams.

The education objective at the undergraduate level is to provide an environment in which students learn skills necessary to become professional accountants, including information development and distribution; knowledge of accounting, auditing, and tax; knowledge of business and society; communication skills; analytical and decision-making skills; leadership; and professionalism. In addition, the accounting department offers courses in Business Law.

Accounting Major Requirements	Hours
Complete the requirements for a B.S.B.A. degree as listed on page 209.	
Total General Education	60
Walton College Core Requirements (See page 209)	33
Course Requirements in the Major	24
ACCT 3533 Accounting Technology	3
ACCT 3613 Managerial Uses of Accounting Info	3
ACCT 3723 Intermediate Accounting I	3
ACCT 3753 Intermediate Accounting II	
ACCT 3843 Fundamentals of Taxation	3

ACCT 4673 Product, Project and Service Costing	3
ACCT 4963 Operational Auditing	3
Choose a total of three hours from any of the following:	3
ACCT 310V Spring Accounting Internship	
ACCT 410V Special Topics	
ACCT 4003H Honors Accounting Colloquium	
ISYS 2263 Introduction to Information Systems Development	
WCOB 4213 ERP Fundamentals	
Walton College Study Abroad Course	
Junior- senior-level electives within Walton College	15
Maximum of 27 hours of ACCT courses in department (core, major, elective). More than 27 hours allowed if the extra courses are part of interdisciplinary minor or collateral track.	
Total Walton College Requirements	60
Total Degree Requirements	126

NOTE: Selection of electives should be made in consultation with academic advisers. Students planning on taking professional examinations should ascertain course requirements by examining authorities. Successful completion of a Master of Accountancy Degree from the University of Arkansas will qualify a student to take the CPA examination in Arkansas. B.S.B.A. graduates would need additional accounting hours and other courses amounting to a total of 150 semester hours to sit for the CPA exam in Arkansas.

#### Accounting Eight-Semester Degree Program:

Students wishing to follow the eight-semester degree plan should see page 42 in the Academic Regulations chapter for university requirements of the program.

In addition to the coursework below, students must complete the Advanced Composition Requirement or gain exemption. Courses in BOLD must be taken in the designated semester. Courses in ITALIC may be taken in varied sequences as long as other designated requirements for these courses are met. Although other courses listed are not required to be completed in the designated sequence, the recommendations below are preferred.

#### Accounting Eight-Semester Degree Plan

3	<i>ENGL 1013 Composition I**</i> – University Core
3	MATH 2053 Finite Math – University Core
3	COMM 1313 Fundamentals of Communication
1	WCOB 1111 Freshman Business Connections
2	WCOB 1012 Legal Environment of Business*
0	WCOB 1120 Computer Competency Requirement
3	<i>U.S. History or Political Science</i> – University Core

15	Semester Hours	
3	<i>ENGL 1023 Composition II ** - University Core</i>	
3	WCOB 1023 Business Foundations	
3	WCOB 1033 Data Analysis and Interpretation	
3	ECON 2023 Microeconomics – University Core	
4	<i>Natural Science – University Core</i>	
16	Semester Hours	
3	MATH 2043 Survey of Calculus **	
3	ECON 2013 Macroeconomics ** - University Core	
6	Select TWO of the following	
	WCOB 2013 Markets and Consumers	
	WCOB 2023 Production and Delivery of Goods and Services	
	WCOB 2033 Acquiring and Managing Human Capital	
	WCOB 2043 Acquiring and Managing Financial Resources	
3	<i>Social Science – University Core</i>	
3	<i>Fine Art/Humanities – University Core</i>	
18	Semester Hours	
3	<i>Fine Art/Humanities – University Core</i>	
4	<i>Natural Science – University Core</i>	
3	<i>Business Social Science</i>	
6	Select TWO of the following not completed in previous semester:	
	WCOB 2013 Markets and Consumers	
	WCOB 2023 Production and Delivery of Goods and Services	
	WCOB 2033 Acquiring and Managing Human Capital	
	WCOB 2043 Acquiring and Managing Financial Resources	
16	Semester Hours	
ALL pre-business requirements should be met by end of term		
3	ACCT 3723 Intermediate Accounting I	
3	ACCT 3613 Managerial Uses of Accounting	
3	Junior/Senior Business Elective	
6	WCOB 3016 Business Strategy and Planning	
1	<i>General Education Elective</i>	
16	Semester hours	
3	ACCT 3553 Accounting Technology	
3	ACCT 3753 Intermediate Accounting II	
3	ACCT 3843 Fundamentals of Taxation	
3	Junior Senior Business Elective or ISYS 2263 Introduction to Information Systems Development	
3	<i>ENGL 2003 or ENGL 2013 or General Education Elective 1F Advanced Composition Requirement has already been met ***</i>	
15	Semester hours	
3	Select ONE of the following	
	ACCT 4673 Production Project and Service Costing	
	ACCT 4963 Operational Auditing	
6	Junior Senior Business Electives	
6	<i>General Education Electives</i>	

15	Semester hours
3	Choose a total of three credit hours from any of the courses below: ACCT 310V Accounting Internship ACCT 410V Special Topics ACCT 4003H Honors Accounting Colloquium ACCT 4213 ERP Fundamentals 3 credit hours of WCOB Study Abroad
6	Junior Senior Business Electives
6	General Education Electives
15	Semester hours
126	Total hours

- \* Must be taken prior to fall semester of sophomore year
- \*\* Must be taken prior to fall semester of junior year
- \*\*\* Must be taken prior to fall semester of senior year

New:

### Accounting

The objective of the B.S.B.A. accounting curriculum is to provide students with a broad overall education, solid grounding in the common body of knowledge of business administration, and exposure to accounting in sufficient depth to help them achieve entry-level competence for pursuit of a career in industry. The department also offers a five-year integrated program approach to receive the Master of Accountancy degree, which leads to the simultaneous award of the B.S.B.A. and the Master of Accountancy degrees. The integrated program is designed for students who wish to concentrate in accounting and obtain education in an accounting specialization. The objective of the integrated program is to provide students with advanced knowledge of accounting and business topics in order to obtain an accelerated position in accounting or help them launch a career in public accounting. Those students who are not accepted into the integrated program or choose not to enroll in the integrated program will be allowed to graduate with a B.S.B.A. upon successful completion of the B.S.B.A. degree requirements and Accounting Major Requirements detailed below.

### Bachelors of Science in Business Administration

The requirements of this program are:

<b>Accounting Major Requirements</b>	<b>Hours</b>
Complete the requirements for a B.S.B.A. degree as listed under <a href="#">Degree Requirements</a> .	
<b>Total General Education</b>	60
<b>Walton College Core Requirements (See <a href="#">Degree Requirements</a>)</b>	33
<b>Course Requirements in the Major</b>	27
ACCT 2013 Accounting Principles	3
ACCT 3533 Accounting Technology	3
ACCT 3613 Managerial Uses of Accounting Info	3
ACCT 3723 Intermediate Accounting I	3
ACCT 3753 Intermediate Accounting II	3
ACCT 3843 Fundamentals of Taxation	3
ACCT 4673 Product, Project and Service Costing	3
ACCT 4963 Operational Auditing	3



**Choose a total of three hours from any of the following courses:** 3

ACCT 310V Spring Accounting Internship  
ACCT 410V Special Topics  
ACCT 4003H Honors Accounting Colloquium  
ISYS 2263 Introduction to Information Systems Development  
WCOB 4213 ERP Fundamentals  
Walton College Study Abroad Course

**Junior- senior-level electives within Walton College** 12

Maximum of 30 hours of ACCT courses in department (core, major, elective). More than 30 hours allowed if the extra courses are part of interdisciplinary minor or collateral track.

**Total Walton College Requirements** 60

**Total Degree Requirements** 126

NOTE: Selection of electives should be made in consultation with academic advisers. Students planning on taking professional examinations should ascertain course requirements by examining authorities. Successful completion of a Master of Accountancy Degree from the University of Arkansas will qualify a student to take the CPA examination in Arkansas. B.S.B.A. graduates would need additional accounting hours and other courses amounting to a total of 150 semester hours to sit for the CPA exam in Arkansas.

In addition to the coursework below, students must complete the Advanced Composition Requirement or gain exemption. Courses in BOLD must be taken in the designated semester. Courses in ITALIC may be taken in varied sequences as long as other designated requirements for these courses are met. Although other courses listed are not required to be completed in the designated sequence, the recommendations below are preferred.

### Accounting Eight-Semester Degree Plan

#### Fall Semester Year 1

3 *ENGL 1013 Composition I \*\* – University Core*  
3 **MATH 2053 Finite Math – University Core**  
3 **COMM 1313 Fundamentals of Communication**  
1 **WCOB 1111 Freshman Business Connections**  
2 WCOB 1012 Legal Environment of Business \*  
0 **WCOB 1120 Computer Competency Requirement**  
3 *U.S. History or Political Science – University Core*  
15 Semester Hours

#### Spring Semester Year 1

3 *ENGL 1023 Composition II \*\* - University Core*  
3 **WCOB 1023 Business Foundations**  
3 **WCOB 1033 Data Analysis and Interpretation**  
3 **ECON 2023 Microeconomics – University Core**  
4 *Natural Science – University Core*  
16 Semester Hours

#### Fall Semester Year 2

3 MATH 2043 Survey of Calculus \*\*  
3 ECON 2013 Macroeconomics \*\* - University Core  
3 **WCOB 2043 Acquiring and Managing Financial Resources**  
3 Select ONE of the following:  
**WCOB 2013 Markets and Consumers**  
**WCOB 2023 Production and Delivery of Goods and Services**  
**WCOB 2033 Acquiring and Managing Human Capital**  
3 *Social Science – University Core*  
3 *Fine Art/Humanities – University Core*  
18 Semester Hours

#### Spring Semester Year 2

3 *Fine Art/Humanities – University Core*  
4 *Natural Science – University Core*

- 3 **ACCT 2013 Accounting Principles**  
 6 Select TWO of the following not completed in previous semester:  
**WCOB 2013 Markets and Consumers**  
**WCOB 2023 Production and Delivery of Goods and Services**  
**WCOB 2033 Acquiring and Managing Human Capital**  
 16 Semester Hours  
 ALL pre-business requirements should be met by end of term

Fall Semester Year 3

- 3 **ACCT 3723 Intermediate Accounting I**  
 3 **ACCT 3613 Managerial Uses of Accounting**  
 6 WCOB 3016 Business Strategy and Planning  
 3 *Business Social Science*  
 1 *General Education Elective*  
 16 Semester hours

Spring Semester Year 3

- 3 **ACCT 3553 Accounting Technology**  
 3 **ACCT 3753 Intermediate Accounting II**  
 3 **ACCT 3843 Fundamentals of Taxation**  
 3 Junior Senior Business Elective  
 3 *ENGL 2003 or ENGL 2013 or General Education Elective IF Advanced Composition Requirement has already been met \*\*\**  
 15 Semester hours

Fall Semester Year 4

- 3 **ACCT 4673 Production Project and Service Costing**  
 3 **ACCT 4963 Operational Auditing**  
 6 Junior Senior Business Electives  
 3 *General Education Electives*  
 15 Semester hours

Spring Semester Year 4

- 3 Choose a total of three credit hours from any of the courses below:  
**ACCT 310V Accounting Internship**  
**ACCT 410V Special Topics**  
**ACCT 4003H Honors Accounting Colloquium**  
**ACCT 4213 ERP Fundamentals**  
**ISYS 2263 Introduction to Information Systems**  
**3 credit hours of WCOB Study Abroad**  
 3 Junior Senior Business Electives  
 9 *General Education Electives*  
 15 Semester hours  
 126 Total hours

- \* Must be taken prior to fall semester of sophomore year  
 \*\* Must be taken prior to fall semester of junior year  
 \*\*\* Must be taken prior to fall semester of senior year

### **B.S.B.A./M.Acc.: Integrated Program**

The integrated program to the Master of Accountancy is a five-year program of undergraduate and graduate coursework that allows outstanding students to earn the B.S.B.A. and the Master of Accountancy (M.Acc.) degrees at the same time. The professional curriculum, which usually begins in the student's junior year, includes specially designed accounting courses taught in relatively small classes by full-time faculty members. Students accepted into the integrated degree program may concurrently enroll in undergraduate and graduate level courses.

Because M.Acc. graduates are expected to become leaders in the accounting profession, highly motivated students with the personal qualities and intellectual capacity to establish successful careers in public accounting, industry, not-for-profit organizations, and higher education are encouraged to apply.

### **Admission**

Students are admitted to the integrated program according to the following requirements. Admission is granted only for the fall semester; June 1 is the application deadline for those who wish to begin the integrated program the following fall. Students interested in this program must have completed 90 credit hours of study towards the baccalaureate degree (including ACCT 2013, ACCT 3533, ACCT 3613, ACCT 3723) by the July 1 deadline:

Acceptance into the integrated program is based upon the discretion of the admissions committee. The committee considers the overall quality of the applications including the overall grade point average, the grades in ACCT 2013, ACCT 3533, ACCT 3613, ACCT 3723 and the Graduate Management Admission Test (GMAT), as well as other relevant examples of academic ability and leadership. To receive serious consideration by the admissions committee, a student should have a minimum GPA of 3.0 within the applicant's overall university and accounting coursework. Due to the demand for seats in the program, the admissions committee selectively restricts admission into the program based upon the availability of instructional resources. Students must complete at least two long-session semesters in residence in the M.Acc. program.

Transfer students will be handled on a case-by-case basis.

### **Satisfactory Progress**

Students are expected to make continuous progress toward the degree by completing required accounting coursework each semester. Students who fail to meet the requirements for the M.Acc. program must choose another major of study or finalize their B.S.B.A. in Accounting. Students will be notified before this action is taken and should meet with an academic advisor in the Undergraduate Programs Office upon notification.

### **Probation**

A student is placed on probation if his or her grade point average in core undergraduate accounting courses falls below 3.00. Except with the consent of the M.Acc. Program Director a student on probation may not take graduate accounting courses.

### **Graduation**

To receive an integrated B.S.B.A./M.Acc. degree, a student must have a grade point average of at least 3.00 in all coursework taken as part of the minimum thirty hour M.Acc. degree. He or she must also have a grade point average in graduate accounting coursework of at least 3.00.

### **Degree Requirements**

The requirements of B.S.B.A./M.Acc. Integrated program are:

1. Undergraduate coursework

a. Complete the requirements for the B.S.B.A. degree requirements and Accounting Major Requirements detailed above.

b. Students are strongly encouraged, but not required, to participate in an accounting internship, ACCT 310V.

2. Graduate coursework

Students with appropriate backgrounds in business administration and economics and with an undergraduate concentration in accounting will be required to complete 30 semester hours of course work beyond the baccalaureate degree, at least 21 semester hours of which must be in courses reserved exclusively for graduate students..

All students must be enrolled for a minimum of 12 hours during consecutive fall/spring semesters. The student must be in residence a minimum of 24 weeks (see residency requirements of the Master of Arts/Master of Science).

A minimum of 18 semester hours of accounting are required, 12 hours of which are specified:

ACCT 5413 Advanced Financial Accounting

ACCT 5433 Fraud Prevention and Detection

ACCT 5953 Assurance Services

ACCT 5873 Advanced Taxation

A minimum of six semester hours of the student's graduate program must be non-accounting electives.

The M.Acc. degree program does not require a thesis. Successful completion of integrated B.S.B.A./M.Acc program from the University of Arkansas will qualify a student to take relevant professional examinations.

For further information, write to the M.Acc. Adviser, Department of Accounting, Walton College of Business, University of Arkansas, Fayetteville, AR 72701 or contact the Graduate School of Business at [gsb@walton.uark.edu](mailto:gsb@walton.uark.edu).

## SECTION VIII: Action Recorded by Registrar's Office

### PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_

DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

### REPORTING CODES

PROG. DEF. \_\_\_\_\_ REQ. DEF. \_\_\_\_\_  
Initials \_\_\_\_\_ Date \_\_\_\_\_

### Distribution

Notification to:

(1) College  
(7) Treasurer

(2) Department  
(8) Undergraduate Program Committee

(3) Admissions

(4) Institutional Research

(5) Continuing Education

(6) Graduate School

5/12/08

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.

**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None



ATTACHMENT 2G

Academic Policy Series

1622.20A

ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

Department / Program Chair Date Submitted Graduate Council Chair Date
College Dean Date Faculty Senate Chair Date
Honors College Dean Date Provost Date
Core Curriculum Committee Date Board of Trustees Approval/Notification Date
University Course and Programs Committee Date Arkansas Higher Education Coordinating Board Approval/Notification Date

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: [X] Major/Field of Study [ ] Minor x Other Unit Accounting Concentration [ ] Policy
Level: [X] Undergraduate [ ] Graduate [ ] Law Effective Catalog Year 2010

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name Bachelor of Science in International Business - Accounting

College, School, Division WCOB Department Code ECON

Current Code (6 digit Alpha) INTBBB Proposed Code (6 digit Alpha)
Prior approval from the Office of the Registrar is required.

[ ] Interdisciplinary Program CIP Code 52.1101
Prior assignment from Office of Institutional Research is required.

Proposed Name
When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

[ ] For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE
http://www.arkansashighered.com/pdfs/BookAppNewProgramCriteriaandProceduresRevised2005.pdf.

[ ] Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here:

SECTION IV: Eliminate an Existing Program/Unit

Code/Name Effective Catalog Year
No new students admitted to program after Term: Year:
Allow students in program to complete under this program until Term: Year:

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made:
Bachelor of Science in International Business Degree (B.S.I.B.)

## Accounting

ACCT 2013 Accounting Principles

ACCT 3533 Accounting Technology

ACCT 3613 Managerial Uses of Accounting Information

ACCT 3723 Intermediate Accounting I

Plus three hour JR/SR accounting course

Plus six hours JR/SR interdisciplinary electives

## Bachelor of Science in International Business

### Eight-Semester Degree Program:

#### B.S.I.B. First Four Semesters

##### Fall Semester Year 1

3 ENGL 1013 Composition I\*\* – University Core

3 MATH 2053 Finite Math – University Core

3 COMM 1313 Fundamentals of Communication

1 WCOB 1111 Freshman Business Connections

2 WCOB 1012 Legal Environment of Business \*

0 WCOB 1120 Computer Competency Requirement

3 Intermediate Foreign Language I (2003-level)

15 Semester Hours

##### Spring Semester Year 1

3 ENGL 1023 Composition II \*\* – University Core

3 WCOB 1023 Business Foundations

3 WCOB 1033 Data Analysis and Interpretation

3 ECON 2023 Microeconomics – University Core

3 Intermediate Foreign Language II (2013 level)

15 Semester Hours

##### Fall Semester Year 2

3 MATH 2043 Survey of Calculus \*\*

3 ECON 2013 Macroeconomics \*\* - University Core

3 WCOB 2043 Acquiring and Managing Financial Resources

3 Select ONE of the following:

WCOB 2013 Markets and Consumers

WCOB 2023 Production and Delivery of Goods and Services

WCOB 2033 Acquiring and Managing Human Capital

3 U.S. History or Political Science – University Core

3 Upper division foreign language course

18 Semester Hours

##### Spring Semester Year 2

4 Natural Science – University Core

3 Upper division foreign language course

3 ACCT 2013 Accounting Principles

6 Select TWO of the following not completed in previous semester:

WCOB 2013 Markets and Consumers

WCOB 2023 Production and Delivery of Goods and Services

WCOB 2033 Acquiring and Managing Human Capital

16 Semester Hours

ALL pre-business requirements should be met by end of term

#### B.S.I.B. Accounting Final Four Semesters

##### Fall Semester Year 3

6 WCOB 3016 Business Strategy and Planning

3 Business Social Science

3 ACCT 3723 Intermediate Accounting I

3 International Business and Collateral Elective

**15 Semester Hours**  
**Spring Semester Year 3**

- 3 ACCT 3533 Accounting Technology**
- 3 ACCT 3613 Managerial Uses of Accounting**
- 3 ECON 4633 International Trade Policy**
- 3 Area Studies Course – see page 211 in catalog**
- 3 Social Science – University Core**

**15 Semester Hours**  
**Fall Semester Year 4**

- 3 ECON 4643 International Macroeconomics and Finance**
- 3 International Business and Collateral Elective**
- 3 Area Studies Course**
- 4 Natural Science – University Core**
- 3 Fine Art/Humanities - University Core**

**16 Semester Hours**  
**Spring Semester Year 4**

- 3 ACCT elective**
- 3 Area Studies Course**
- 3 International Business and Collateral Elective**
- 6 Junior Senior Business Electives**
- 15 Semester Hours**
- 125 Total Hours**

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

**SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**SECTION VII: Catalog Text and Format**

*In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.

- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

For minors, state requirements in terms of hours, required courses, electives, etc.

For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.

For Law School program/units, prepare text consistent with current catalog style.

For centers, prepare text consistent with current catalog style.

**CURRENT:**

**Bachelor of Science in International Business Degree (B.S.I.B.)**

**Accounting**

**ACCT 3533 Accounting Technology**

**ACCT 3613 Managerial Uses of Accounting Information**

**ACCT 3723 Intermediate Accounting I**

**ACCT 3753 Intermediate Accounting II**

**Plus three hour JR/SR accounting course**

**Plus six hours JR/SR interdisciplinary electives**

**Bachelor of Science in International Business**

**Eight-Semester Degree Program:**

**B.S.I.B. First Four Semesters**

**Fall Semester Year 1**

**3 ENGL 1013 Composition I\*\* – University Core**

**3 MATH 2053 Finite Math – University Core**

**3 COMM 1313 Fundamentals of Communication**

**1 WCOB 1111 Freshman Business Connections**

**2 WCOB 1012 Legal Environment of Business \***

**0 WCOB 1120 Computer Competency Requirement**

**3 Intermediate Foreign Language I (2003-level)**

**15 Semester Hours**

**Spring Semester Year 1**

**3 ENGL 1023 Composition II \*\* – University Core**

**3 WCOB 1023 Business Foundations**

**3 WCOB 1033 Data Analysis and Interpretation**

**3 ECON 2023 Microeconomics – University Core**

**3 Intermediate Foreign Language II (2013 level)**

**15 Semester Hours**

**Fall Semester Year 2**

**3 MATH 2043 Survey of Calculus \*\***

**3 ECON 2013 Macroeconomics \*\* - University Core**

**6 Select TWO of the following:**

**WCOB 2043 Acquiring and Managing Financial Resources**

**WCOB 2013 Markets and Consumers**

**WCOB 2023 Production and Delivery of Goods and Services**

**WCOB 2033 Acquiring and Managing Human Capital**

**3 U.S. History or Political Science – University Core**

**3 Upper division foreign language course**

**18 Semester Hours**

**Spring Semester Year 2**

**3 Fine Art/Humanities – University Core**

**4 Natural Science – University Core**

3 Upper division foreign language course  
6 Select TWO of the following not completed in previous semester:  
WCOB 2013 Markets and Consumers  
WCOB 2023 Production and Delivery of Goods and Services  
WCOB 2033 Acquiring and Managing Human Capital  
WCOB 2043 Acquiring and Managing Financial Resources  
16 Semester Hours  
ALL pre-business requirements should be met by end of term

B.S.I.B. Accounting Final Four Semesters  
Fall Semester Year 3

6 WCOB 3016 Business Strategy and Planning  
3 Business Social Science  
3 ACCT 3723 Intermediate Accounting I  
3 International Business and Collateral Elective  
15 Semester Hours  
Spring Semester Year 3

3 ACCT 3533 Accounting Technology  
3 ACCT 3613 Managerial Uses of Accounting  
3 ECON 4633 International Trade Policy  
3 Area Studies Course – see page 211 in catalog  
3 Social Science – University Core  
15 Semester Hours  
Fall Semester Year 4

3 ACCT 3753 Intermediate Accounting II  
3 ECON 4643 International Macroeconomics and Finance  
3 International Business and Collateral Elective  
3 Area Studies Course  
4 Natural Science – University Core  
16 Semester Hours  
Spring Semester Year 4

3 ACCT elective  
3 Area Studies Course  
3 International Business and Collateral Elective  
6 Junior Senior Business Electives  
15 Semester Hours  
125 Total Hours

NEW:

Bachelor of Science in International Business Degree (B.S.I.B.)

Accounting  
ACCT 2013 Accounting Principles  
ACCT 3533 Accounting Technology  
ACCT 3613 Managerial Uses of Accounting Information  
ACCT 3723 Intermediate Accounting I  
Plus three hour JR/SR accounting course  
Plus six hours JR/SR interdisciplinary electives

Bachelor of Science in International Business  
Eight-Semester Degree Program:

B.S.I.B. First Four Semesters  
Fall Semester Year 1

3 ENGL 1013 Composition I\*\* – University Core

3 MATH 2053 Finite Math – University Core  
3 COMM 1313 Fundamentals of Communication  
1 WCOB 1111 Freshman Business Connections  
2 WCOB 1012 Legal Environment of Business \*  
0 WCOB 1120 Computer Competency Requirement  
3 Intermediate Foreign Language I (2003-level)  
15 Semester Hours  
Spring Semester Year 1

3 ENGL 1023 Composition II \*\* – University Core  
3 WCOB 1023 Business Foundations  
3 WCOB 1033 Data Analysis and Interpretation  
3 ECON 2023 Microeconomics – University Core  
3 Intermediate Foreign Language II (2013 level)  
15 Semester Hours  
Fall Semester Year 2

3 MATH 2043 Survey of Calculus \*\*  
3 ECON 2013 Macroeconomics \*\* - University Core  
3 WCOB 2043 Acquiring and Managing Financial Resources  
3 Select ONE of the following:  
\_\_\_\_\_ WCOB 2013 Markets and Consumers  
\_\_\_\_\_ WCOB 2023 Production and Delivery of Goods and Services  
\_\_\_\_\_ WCOB 2033 Acquiring and Managing Human Capital  
3 U.S. History or Political Science – University Core  
3 Upper division foreign language course  
18 Semester Hours  
Spring Semester Year 2

4 Natural Science – University Core  
3 Upper division foreign language course  
3 ACCT 2013 Accounting Principles  
6 Select TWO of the following not completed in previous semester:  
\_\_\_\_\_ WCOB 2013 Markets and Consumers  
\_\_\_\_\_ WCOB 2023 Production and Delivery of Goods and Services  
\_\_\_\_\_ WCOB 2033 Acquiring and Managing Human Capital  
16 Semester Hours  
ALL pre-business requirements should be met by end of term

B.S.I.B. Accounting Final Four Semesters  
Fall Semester Year 3

6 WCOB 3016 Business Strategy and Planning  
3 Business Social Science  
3 ACCT 3723 Intermediate Accounting I  
3 International Business and Collateral Elective  
15 Semester Hours  
Spring Semester Year 3

3 ACCT 3533 Accounting Technology  
3 ACCT 3613 Managerial Uses of Accounting  
3 ECON 4633 International Trade Policy  
3 Area Studies Course – see page 211 in catalog  
3 Social Science – University Core  
15 Semester Hours  
Fall Semester Year 4

DELETE ACCT 3753 Intermediate Accounting II  
3 ECON 4643 International Macroeconomics and Finance  
3 International Business and Collateral Elective  
3 Area Studies Course  
4 Natural Science – University Core  
3 Fine Art/Humanities - University Core

**16 Semester Hours**  
**Spring Semester Year 4**

**3 ACCT elective**

**3 Area Studies Course**

**3 International Business and Collateral Elective**

**6 Junior Senior Business Electives**

**15 Semester Hours**

**125 Total Hours**

**SECTION VIII: Action Recorded by Registrar's Office**

PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_

DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

REPORTING CODES

PROG. DEF. \_\_\_\_\_ REQ. DEF. \_\_\_\_\_  
Initials \_\_\_\_\_ Date \_\_\_\_\_

**Distribution**

Notification to:

- (1) College                      (2) Department                      (3) Admissions                      (4) Institutional Research                      (5) Continuing Education                      (6) Graduate School  
(7) Treasurer                      (8) Undergraduate Program Committee

5/12/08

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.



**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None

ATTACHMENT 3A

Academic Policy Series

1622.20A

ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

Department / Program Chair Date Submitted Graduate Council Chair Date
College Dean Date Faculty Senate Chair Date
Honors College Dean Date Provost Date
Core Curriculum Committee Date Board of Trustees Approval/Notification Date
University Course and Programs Committee Date Arkansas Higher Education Coordinating Board Approval/Notification Date

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: [X] Major/Field of Study [ ] Minor [ ] Other Unit [ ] Policy
Level: [X] Undergraduate [ ] Graduate [ ] Law Effective Catalog Year 2010

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name BS, Biological Engineering

College, School, Division ENGR Department Code BAEG

Current Code (6 digit Alpha) BENGBS Proposed Code (6 digit Alpha)
Prior approval from the Office of the Registrar is required.

[ ] Interdisciplinary Program CIP Code 14.0301
Prior assignment from Office of Institutional Research is required.

Proposed Name
When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

[ ] For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE
http://www.arkansashighered.com/pdfs/BookAppNewProgramCriteriaandProceduresRevised2005.pdf.

[ ] Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here:

SECTION IV: Eliminate an Existing Program/Unit

Code/Name Effective Catalog Year
No new students admitted to program after Term: Year:
Allow students in program to complete under this program until Term: Year:

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made: We are proposing three changes to the BS in Biological Engineering:

**1) A student shall be able to submit a maximum of 4 hours of grade D in BENG courses for their degree.**  
**2) The current degree requirement of BIOL 2013/2011L (General Microbiology) will be modified to accept either BIOL 2013/2011L (General Microbiology) OR BIOL 2533/2531L (Cell Biology). Minor editorial changes in catalog are included to effect this change.**

**3) Two course numbers are being changed to reflect the correct year-level in the program, i.e.:**

**-BENG 4104 to 3104 (since it is listed in the third year), and**

**-BENG 3733 to 4733 (since it is listed in the fourth year).**

**Catalog copy edited to reflect the change in course numbers. Course number changes have been requested. Course content has not changed.**

**The total number credits required for the degree remains 128 hours.**

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

## **SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**The Justification will be addressed separately for each of the three proposed changes:**

**1) Currently there is no limit to the number of hours of D (in BENG courses) that a BENG student could submit for their degree. Program faculty were recently distressed when reviewing a degree-check for a student who had multiple D's within our core required courses in the major. As stewards of this professional engineering program, we feel that society expects more than 'just barely passing' from engineering graduates in the core technical area. We have proposed the limit of 4 hours of D to give the student grace for roughly one course. This is a quality control standard that the faculty felt strongly that we should create and enforce.**

**2) We currently require BIOL 2013/2011L (General Microbiology). Some students, depending upon their technical interests, may prefer to take the course BIOL 2533/2531L (Cell Biology). In reviewing the pre-requisite topics needed for 3000-level BENG courses, we decided that either course would be sufficient. So, choice is being offered and this will benefit a subset of our students. We estimate that 3-5 students per semester may choose to take BIOL 2533 instead of BIOL 2013. Also, note that BIOL 2533 is currently taken by many of our students as a technical elective. This change will have minimal impact on the overall enrollment of these two courses outside our college.**

**3) Two required BENG courses in our program have course numbers in which the first digit does not correspond to the year in which we have them shown in our 8 semester plan in the UA catalog. The changes remedy that. Courses are not changing, just the indicated level, 3000 to 4000 in one case and from 4000 to 3000 in the other case.**

## **SECTION VII: Catalog Text and Format**

*In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)

- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

**For centers, prepare text consistent with current catalog style.**

## **BIOLOGICAL AND AGRICULTURAL ENGINEERING (BAEG)**

Lalit Verma  
Head of the Department  
203 Engineering Hall  
479-575-2351

- Professors Gardisser, Griffis, Li, Loewer, VanDevender, Verma
- Associate Professors Bajwa, Carrier, Costello, Haggard, Kim, Matlock, Osborn, Tacker
- Assistant Professors Jin, Kavdia, Liang, Sadaka, Saraswat, Ye, Zaharoff
- Adjunct Professors Ang, Clausen, Deaton, Ingels
- Adjunct Associate Professors Beitle, Chaubey, Shafirstein, Yang
- Adjunct Assistant Professors Hestekin, Howell, Wimberly

Biological Engineers improve people's lives today and help assure a sustainable quality of life for tomorrow. They create solutions to problems by coupling living systems (human, plant, animal, environmental, food, and microbial) with the tools of engineering and biotechnology. Biological engineers improve human health through biomedical engineering; ensure a safe, nutritious food supply and create critical, new medicines through biotechnology engineering; secure a healthy and safe environment through ecological engineering. A bachelor of science degree in biological engineering is also excellent preparation for medical school.

Biological Engineering is an ABET accredited program leading to the B.S. degree. M.S. and Ph.D. degrees are also offered. The curriculum is under the joint supervision of the dean of the College of Engineering and the dean of the Dale Bumpers College of Agricultural, Food and Life Sciences. The Bachelor of Science in Biological Engineering degree is conferred by the College of Engineering and is granted after the successful completion of 128 hours of approved course work.

The educational objectives of the Biological Engineering program are to produce graduates who 1) effectively apply engineering to biological systems and phenomena (plant, animal, human, microbes, and the environment) with demonstrated proficiency in basic professional and personal skills, and 2) are well prepared for diverse careers in biological engineering, life-long learning, and professional and ethical contributions to society through sustained accomplishments in biomedical engineering, ecological and biotechnology.

### **Areas of Concentration**

The three areas of concentration in biological engineering are as follows:

**Biomedical Engineering** – nanomedicine, tissue engineering, organ regeneration and its clinical application, bioinstrumentation, biosensing/medical imaging, medical electronics, physiological modeling, biomechanics, and rehabilitation engineering. This area is excellent preparation for medical, veterinary or dental school as well as for graduate programs in biomedical engineering.

**Biotechnology Engineering** – biotechnology at the micro- and nanoscale, food processing, food safety and security, developing new products from biomaterials, and biotransformation to synthesize industrial and pharmaceutical products.

**Ecological Engineering** – integrates ecological principles into the design of sustainable systems to treat, remediate, and prevent pollution to the environment. Applications include stream restoration, watershed management, water and wastewater treatment design, ecological services management, urban greenway design and enclosed ecosystem design.

Each student is required to complete 18 semester hours of approved electives in his or her area of concentration. Six hours must be from the biological engineering design elective courses (listed below) from a single area of concentration. The remaining 12 hours are classified as technical electives and consist mainly of upper-division courses in engineering, mathematics, and the sciences as approved by the student's adviser. The selected technical electives must include at least six hours of upper-level engineering courses, either within BENG or from other engineering departments. The department maintains a list of approved electives.

The areas of technical concentration and the recommended elective courses for each are listed here.

### **Biomedical Engineering**

#### **Design Electives:**

BENG 3213 Biomedical Engineering: Emerging Methods and

## Applications

BENG 4203 Biomedical Engineering Principles

### **Technical Electives:**

**BIOL 2533/2531L Cell Biology**

BIOL 2404 Comparative Vertebrate Morphology, or BIOL 2443/2441L

Human Anatomy

BIOL 4234 Comparative Physiology, or BIOL 2213/2211L Human

Physiology

BENG 4113 Risk Analysis for Biological Systems

BENG 4123 Biosensors and Bioinstrumentation

BENG 451VH, Honors Thesis

BIOL 4233 Genomics and Bioinformatics

KINS 3353 Mechanics of Human Movement

ELEG 2904 Digital Design

HESC 3204 Nutrition for Health Professionals and Educators

## **Biotechnology Engineering**

### **Design Electives:**

BENG 4703 Biotechnology Engineering

BENG 4123 Biosensors and Bioinstrumentation

### **Technical Electives:**

BENG 4113 Risk Analysis for Biological Systems

BENG 451VH Honors Thesis

FDSC 4304 Food Chemistry

FDSC 4124 Food Microbiology

FDSC 3103 Principles of Food Proc.

BIOL 4233 Microbial Genetics

BIOL 4313 Molecular Cell Biology

CHEM 3453/3451L Elements of Physical Chemistry

MEEG 4413 Heat Transfer

CHEG 3153 Non-equilibrium Mass Transfer

CHEG 4423 Auto. Process Control

HESC 3203 Nutrition for Health Professionals and Educators

## **Ecological Engineering**

### **Design Electives:**

BENG 4903 Watershed Eco-Hydrology

BENG 4923 Ecological Engineering Design

### **Technical Electives:**

BENG 4113 Risk Analysis for Biological Systems

BENG 4803 Precision Agriculture

BENG 4133 Digital Remote Sensing and GIS

BENG 451VH, Honors Thesis

BIOL 3863/3861L General Ecology

CVEG 3223 Hydrology

CVEG 3243 Environmental Engineering

CVEG 4243 Environmental Engineering Design  
CSES 2203 Soil Science  
CSES 4043 Environmental Impact and Fate of Pesticides  
ENSC 4034 Analysis of Environmental Contaminants

### **Biological Engineering Eight-Semester Degree Program**

The following section contains the list of courses required for the Bachelor of Science in Biological Engineering degree and a suggested sequence. **Students may submit a maximum of 4 hours of D in BENG courses for their degree.** Some courses are not offered every semester, so students who deviate from the suggested sequence must pay careful attention to course scheduling and course prerequisites. Students should note that BIOL 1543/1541L is a pre- or co-requisite to BENG 2612 in the Fall 2 semester **and BIOL 2013/2011L in the Spring 2 semester.** Students should earn advanced college credit for BIOL 1543/1541L, obtain placement permission from the Biological Sciences Department or take the course for non-degree credit.

Students wishing to follow the eight-semester degree plan should see page 42 in the Academic Regulations chapter for university requirements of the program. Students must also take ENGL 2003 during the third year or gain exemption.

1 GNEG 1111 Introduction to Engineering I  
3 ENGL 1013 Composition I  
3 CHEM 1103 University Chemistry I  
4 MATH 2554 Calculus I  
4 PHYS 2054 University Physics I  
**15 Semester hours**

1 GNEG 1121 Introduction to Engineering II  
3 ENGL 1023 Technical Composition II  
4 Freshman Engineering Science Elective\*  
4 MATH 2564 Calculus II  
3 Humanities/Social Science Elective  
**15 Semester hours**

2 BENG 2612 Biological Engr Design Studio II  
4 Sophomore Science Elective\*\*  
4 MATH 2574 Calculus III  
3 CHEM 3603 Organic Chemistry I  
1 CHEM 3601L Organic Chemistry I Lab  
2 GNEG 1122 Introduction CAD  
**16 Semester hours**

2 BENG 2622 Biological Engineering Design Studio III  
4 MATH 3404 Differential Equations  
3 CHEM 3613 Organic Chemistry II



1 CHEM 3611L Organic Chemistry II Lab  
3 MEEG 2003 Statics  
3 BIOL 2013 General Microbiology\*\*\*  
1 BIOL 2011L General Microbiology Lab\*\*\*

**17 Semester hours**

2 BENG 3712 Engineering Properties of Biological Materials  
3 CHEM 3813 Introduction to Biochemistry  
3 MEEG 2403 Thermodynamics, or CHEG 2313 Thermodynamics of Single Component Systems  
3 MEEG 3013 Mechanics of Materials  
3 CVEG 3213 Hydraulics, or MEEG 3503 Mechanics of Fluids, or CHEG 2133 Fluid Mechanics  
3 Technical Elective

**17 Semester hours**

3 BENG 3723 Unit Operations in Biological Engr  
3 BENG 3803 Mechanical Design in Biological Engr  
4 BENG 4104 3104 Instrumentation in Biological Engr  
3 BENG Design elective  
3 U.S. History Requirement  
0 ENGL 2003 Advanced Composition or Exemption

**16 Semester hours**

3 BENG 4813 Senior Biological Engineering Design I  
3 BENG ~~3733~~ 4733 Transport Phenomena in Biological Systems  
3 BENG Design Elective  
3 Technical Elective  
6 Humanities/Social Science Elective

**18 Semester hours**

2 BENG 4822 Senior Biological Engr Design II  
6 Humanities/Social Science Elective  
6 Technical elective

**14 Semester hours**

**128 Total hours**

\* The Freshman Engineering Science Elective must be chosen from either CHEM 1123/1121L or PHYS 2074.

\*\* The sophomore Science Elective must be PHYS 2074 (if CHEM 1123/1121L was chosen as the Freshman Engineering Elective) or CHEM 1123/1121L (if PHYS 2074 was chosen as the Freshman Engineering Science Elective. That is, both courses are required for the degree.

\*\*\* Students may substitute BIOL 2533 (Cell Biology) and BIOL 2531L (Cell Biology Lab) for BIOL 2013 and BIOL 2011L.

SEE PAGE 320 FOR BIOLOGICAL ENGINEERING (BENG)  
COURSES.

**SECTION VIII: Action Recorded by Registrar's Office**

PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_

DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

REPORTING CODES

PROG. DEF. \_\_\_\_\_ REQ. DEF. \_\_\_\_\_  
Initials \_\_\_\_\_ Date \_\_\_\_\_

**Distribution**

Notification to:

- (1) College (2) Department (3) Admissions (4) Institutional Research (5) Continuing Education (6) Graduate School  
(7) Treasurer (8) Undergraduate Program Committee

5/12/08

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.

**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None

ATTACHMENT 3B

Academic Policy Series

1622.20A

ADD, CHANGE OR DELETE PROGRAM OR UNIT

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

Department / Program Chair Date Submitted Faculty Senate Chair Date
College Dean Date Provost Date
University Course and Programs Committee Date Board of Trustees Approval/Notification Date
Graduate Council Chair Date Arkansas Higher Education Coordinating Board Approval/Notification Date

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: [X] Major/Field of Study [ ] Minor [ ] Other Unit
Level: [X] Undergraduate [ ] Graduate [ ] Law Effective Catalog Year 2010
Current Name BS, Electrical Engineering
College, School, Division ENGR Department Code ELEG
Current Code (6 digit Alpha) ELEGBS Proposed Code (6 digit Alpha)
[ ] Interdisciplinary Program CIP Code 14.1001
Proposed Name
When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

[ ] For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE <http://www.adhe.arknet.edu.aadept.html>.
[ ] Program proposal uses courses offered by another academic college. The signature of the dean of that academic college is required here:

SECTION IV: Eliminate an Existing Program/Unit

Code/Name Effective Catalog Year
No new students admitted to program after Term: Year:
Allow students in program to complete under this program until Term: Year:

SECTION V: Proposed Changes to an Existing Program

Insert here a statement of the exact changes to be made: The proposed changes are the following:

**(1) Remove ELEG 2103, 2101L, 2113, 2111L, 3123, 3121L, 3213, 3211L, 3923, 3920L, 3223, 3223L, 3303, 3303L, 3703, 4143, 4071, and CSCE 2014.**

**(2) Add ELEG 2104, 2114, 3124, 3214, 3924, 3224, 3304, 3704, 3143, 4073, and CHEM 1101L.**

**(3) Allow Technical Elective to be taken in lieu of Math/Science Elective and/or Engineering Science Elective.**

**(4) Require ECON 2013, 2023, or 2143 for one Social Science Elective.**

**(5) Increase the number of required hours from 125 to 126.**

**(6) Freshman Year reworded for increased clarity of which courses to take for students who cannot take Calc I their first semester. There are no actual course changes in the Freshman Year.**

**(7) Updated notes for clarification.**

**(8) Some courses changed semesters (e.g., MATH 3404 and 2574, ENGL 2003, ELEG Tech Elective, Tech Elective, H/SS Elective)**

Check if either of these boxes apply and provide the necessary signature:

Program change proposal adds courses offered by another academic college. The signature of the dean of that academic college is required here: \_\_\_\_\_

Program change proposal deletes courses offered by another academic college. The signature of the dean of that academic college is required here: \_\_\_\_\_

Check all the boxes that apply and complete the required sections of the form:

Change of Name and Code (Complete only sections I, II, V and VII.)

Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)

Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)

Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)

## **SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**The EE program changes are required by the following events:**

**(1) All ELEG lecture/lab courses (i.e., 3/1) have been combined into a single 4 hour course.**

**(2) A lab component has been added to ELEG 3703, making it 3704.**

**(3) ELEG 4143 was moved into the junior year, making it 3143.**

**(4) ELEG 4071 has been changed to a 3 hour course due to amount of work in the course.**

**(5) An additional Technical Elective can now be taken in lieu of the Math/Science Elective and/or Engineering Science Elective to provide students with more flexibility to pursue a variety of interests within the realm of EE.**

**(6) CSCE 2014 is no longer required, but can be taken as a Technical Elective, since this course is not pertinent to all emphasis areas within EE.**

**(7) CHEM 1101L has been added to satisfy the 32 hours of math/science requirement by ABET, since the math/science elective is no longer being required.**

**(8) An ECON class is being required as a Social Science Elective because EE students should know basic economics.**

**(9) Courses changed semesters to better prepare students for subsequent courses.**

## **SECTION VII: Catalog Text and Format**

*Insert the current catalog text, with proposed changes identified in Section V inserted and tracked in Microsoft Word. Be sure that all proposed changes are inserted and tracked. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate.*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.

- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.

For minors, state requirements in terms of hours, required courses, electives, etc.

For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.

For Law School program/units, prepare text consistent with current catalog style.

For centers, prepare text consistent with current catalog style.

**CURRENT CATALOG TEXT:**

**ELECTRICAL ENGINEERING CURRICULUM**

**2009-2010**

**Freshman Year**

1	GNEG 1111	Intro to Engineering I	1	GNEG 1121	Introduction to Engineering II
4	MATH 2554	Calculus I	4	MATH 2564	Calculus II
3	CHEM 1103	University Chemistry I	4	Freshman Science Elective (1)	
4	PHYS 2054	University Physics I	3	University Core Elective (2)	
3	ENGL 1013	Composition I	3	ENGL 1023	Technical Composition II
15	semester hours		15	semester hours	

**Sophomore Year**

3	ELEG 2103	Electric Circuits I	3	ELEG 2113	Electric Circuits II
1	ELEG 2101L	Electric Circuits I Lab	1	ELEG 2111L	Electric Circuits II Lab
4	ELEG 2904	Digital Design I	4	CSCE 2004	Programming Foundations I
4	MATH 2574	Calculus III	4	MATH 3404	Differential Equations
4	XXXX XXX4	Sophomore Science Elective (3)	3	History/Government Requirement	
16	semester hours		15	semester hours	

**Junior Year**

3	ELEG 3123	Systems and Signals	3	ELEG 3223	Electronics II
1	ELEG 3121L	System and Signal Lab	1	ELEG 3221L	Electronics II Lab
3	ELEG 3213	Electronics I	3	ELEG 3303	Energy Conversion
1	ELEG 3211L	Electronics I Lab	1	ELEG 3301L	Energy Conversion Lab
3	ELEG 3923	Microprocessor System Design	3	ELEG 3703	Electromagnetics
0	ELEG 3920L	Microprocessor Sys Design Lab	3	Humanities/Social Science elective	
4	CSCE 2014	Programming Foundations II	3	Math/Science Elective	
0	ENGL 2003	Advanced Composition			
15	semester hours		14	semester hours	

**Senior Year**

1	ELEG 4061	EE Design I	1	ELEG 4071	EE Design II
3	ELEG 4143	Stochastic Signal Processing	6	Electrical Eng Technical Elective	
3	Electrical Engineering Technical Elective		3	Technical Elective	
3	Engineering Science Elective		3	Upper level humanities/social science elective	
3	Technical Elective		3	Humanities/Social Science Elective	
3	Upper-level Humanities-Social Science Elective				
16	semester hours		16	semester hours	

**TOTAL: 125 semester hours**

**Notes:**

**(1) Freshman Science Elective - CHEM 1123/1121L – University Chemistry II or PHYS 2074 – University Physics II**

**(2) Approved Humanities/Social Science course**

**(3) PHYS 2074 if student took CHEM 1123/1121L in the Freshman Year. Otherwise, CHEM 1123/1121L or approved 4 hours in Science**



**PROPOSED CATALOG TEXT:**

**ELECTRICAL ENGINEERING CURRICULUM**

**2010-2011**

**Freshman Year**

1	GNEG 1111	Intro to Engineering I	1	GNEG 1121	Introduction to Engineering II
4	MATH 2554	Calculus I	4	MATH 2564	Calculus II
3	XXXX XXX3	Fresh Science/Core Elective I (1)	3	XXXX XXX3	Fresh Science/Core Elective II (3)
4	XXXX XXX4	Fresh Science Elective I (2)	4	XXXX XXX4	Fresh Science Elective II (4)
3	ENGL 1013	Composition I	3	ENGL 1023	Technical Composition II
15	semester hours		15	semester hours	

**Sophomore Year**

4	ELEG 2104	Electric Circuits I	4	CSCE 2004	Programming Foundations I
4	ELEG 2904	Digital Design	4	ELEG 2114	Electric Circuits II
4	MATH 3404	Differential Equations	4	MATH 2574	Calculus III
4	XXXX XXX4	Sophomore Science Elective (5)	3	History Government Requirement	
			1	CHEM 1101L	Chem I Lab (6, 7)
			0	ENGL 2003	Advanced Composition (8)
16	semester hours		16	semester hours	

**Junior Year**

4	ELEG 3124	System and Signal Analysis	3	Math/Science/Technical Elective (9)	
4	ELEG 3214	Electronics I	4	ELEG 3224	Electronics II
4	ELEG 3704	Applied Electromagnetics	4	ELEG 3304	Energy Systems
4	ELEG 3924	Microprocessor System Design	3	ELEG 3143	Probability & Stochastic Processes
			3	Humanities/Social Science Elective	
16	semester hours		17	semester hours	

**Senior Year**

1	ELEG 4061	EE Design I	3	ELEG 4073	EE Design II
3	ELEG Technical Elective		3	ELEG Technical Elective	
3	ELEG Technical Elective		3	Technical Elective	
3	Engineering Science/Technical Elective (10)		3	Technical Elective	
3	Social Science Elective (Econ 2013, 2023, or 2143)		3	Upper-level Humanities/Social Science Elective	
3	Upper level Humanities/Social Science Elective				
16	semester hours		15	semester hours	

**TOTAL: 126 semester hours**

**Notes:**

- (1) Freshman Science/Core Elective I – CHEM 1103 or a course from University H/SS Core Curriculum
- (2) Freshman Science Elective I – PHYS 2054 or BIOL 1543 and BIOL 1541L
- (3) Freshman Science/Core Elective II – CHEM 1103, or a course from University H/SS Core Curriculum if Freshman Science/Core Elective I was CHEM 1103
- (4) Freshman Science Elective II – PHYS 2074, University Physics II, if Freshman Science Elective I was PHYS 2054, otherwise PHYS 2054
- (5) Sophomore Science Elective – PHYS 2074 if not taken in Freshman Year, otherwise CHEM 1123/1121L or BIOL 1543/1541L or BIOL 2213/2211L
- (6) Students may use 1 hour of math/science in lieu of Chem 1101L
- (7) Students may want to take Chem 1101L in Freshman Year as a corequisite with Chem 1103
- (8) Students are required to take ENGL 2003 or gain exemption
- (9) Math/Science/Technical Elective: Approved Math/Science Elective or another Technical Elective
- (10) Engineering Science/Technical Elective: MEEG 2023 – Introductory Mechanics, MEEG 2303 – Introduction to Materials, MEEG 2403 – Thermodynamics, or another Technical Elective

**SECTION VIII: Action Recorded by Registrar's Office**

PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_

SUBJ \_\_\_\_\_

CIP \_\_\_\_\_

CRTS \_\_\_\_\_

DGRE \_\_\_\_\_

PGCT \_\_\_\_\_

OFFC&CRTY VALID \_\_\_\_\_

REPORTING CODES

PROG. DEF. \_\_\_\_\_

REQ. DEF.

Initials \_\_\_\_\_

Date \_\_\_\_\_

Distribution

Notification to:

- (1) College
- (7) Treasurer

- (2) Department
- (3) Admissions
- (8) Undergraduate Program Committee

(4) Institutional Research

- (5) Continuing Education
- Initials \_\_\_\_\_ Date \_\_\_\_\_

(6) Graduate School

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**College of Agriculture, Food and Life Sciences**

School of Human Environmental Sciences

HESCBS - BS, Human Environmental Sciences - Attachments 1A 1B and 1C

Proposal requests to change many requirements including adding courses as required courses, change course requirements in order to more easily complete the State Minimum Core and reduce electives in order to maintain 124 hours for degree completion as specified in Section V of Attachment 1A.

**TABLE TWO**

**Walton College of Business**

Walton College of Business Dean's Office

Residency Requirements - Attachment 2A

Proposal requests to change the current requirement of 36 hours in upper level courses to be completed in residence to 30 hours of upper level courses to be completed in residence. These 30 hours will include WCOB 3016 and 24 hours of upper division business courses required for the completion of the major and /or degree program as specified in Section V of Attachment 2A.

Walton Scholars and Departmental Scholars Programs - Attachment 2B

Proposal requests to modify the Honors Program text to ensure students adhere to the existing requirements and incorporate specific classes to satisfy the foreign language requirement in cases where a third language course in English may substitute as specified in Section V of Attachment 2B.

Pre-Business Requirements - Attachment 2C

Proposal requests to remove ENGL1013, Composition I, and ENGL 1023, Composition II, from the pre-business core course requirements as specified in Section V of Attachment 2C.

**PAGE TWO**  
**TABLE TWO (CONT)**

Department of Accounting

ACCT-M - Minor in Accounting for Business Students - Attachment 2D

Proposal requests to delete ACCT 3753, Intermediate Accounting II, and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2D.

WACT-M - Minor in Accounting for Non-Business Students - Attachment 2E

Proposal requests to delete ACCT 3753, Intermediate Accounting II, as an elective and add ACCT 2013, Accounting Principles, to the required course listing as specified in Section V of Attachment 2E.

ACCTBS - BSBA, Accounting - Attachment 2F

Proposal requests to establish a new degree tract that integrates the BSBA and Master of Accountancy into a five year program as specified in Section V of Attachment 2F.

Department of Economics

INTBBB - BSIB, International Business, Accounting Conc. - Attachment 3G

Proposal requests to delete ACCT 3753, Intermediate Accounting II, add ACCT 2013, Accounting Principles, to the required course listing and other changes to the 8-Semester plan as specified in Section V of Attachment 3G.

**TABLE THREE**  
**College of Engineering**

Department of Biological and Agricultural Engineering

BENGBS - BS, Biological Engineering - Attachment 3A

Proposal requests to limit students to a maximum of 4 hours of "D" grade in BENG courses submitted for degree completion, allow either BIOL to substitute for BIOL 2013/2011L and several courses are being moved within the 8-Semester plan as specified in Section V of Attachment 3A

**PAGE THREE**  
**TABLE THREE (CONT)**

Department of Electrical Engineering

ELEGBS - BS, Electrical Engineering - Attachment 3B

Proposal requests to make 9 changes to the curriculum that involves requiring new courses, changing semesters courses are offered and many other changes. As a result of the changes the total hours required to graduate will increase from 125 to 126 as specified in Section V of Attachment 3B.

Department of Industrial Engineering

INEGBS - BS, Industrial Engineering - Attachment 3C

Proposal requests to make 10 changes by de-emphasizing three currently required courses and replace them with technical elective options allowing students a coursework load more suitable to their intended career/post-graduation path as specified in Section V of Attachment 3C.

**GRADUATE PROGRAM CHANGES**

None

# ATTACHMENT 3C

## ADD, CHANGE OR DELETE PROGRAM OR UNIT

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

### SECTION I: Approvals

Department / Program Chair	Date Submitted	Faculty Senate Chair	Date
College Dean	Date	Provost	Date
Undergraduate Program Committee Chair	Date	Board of Trustees Approval Date	
Graduate Council Chair	Date	Arkansas Higher Education Coordinating Board Approval Date	

### SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit:  Major/Field of Study  Minor  Other Unit \_\_\_\_\_

Level:  Undergraduate  Graduate  Law Effective Catalog Year 2010

Current Name BS, Industrial Engineering

College, School, Division ENGR Department Code INEG

Current Code (6 digit Alpha) INEGBS Proposed Code (6 digit Alpha) \_\_\_\_\_  
Prior approval from the Office of the Registrar is required.

Interdisciplinary Program CIP Code 14.3501  
Prior assignment from Office of Institutional Research is required.

Proposed Name \_\_\_\_\_  
When a program name is changed, enrollment of current students reflects the new name.

### SECTION III: Add a New Program/Unit

For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE <<http://www.adhe.arknet.edu.aadept.html>>.

### SECTION IV: Eliminate an Existing Program/Unit

Code/Name \_\_\_\_\_ Effective Catalog Year \_\_\_\_\_

No new students admitted to program after Term: \_\_\_\_ Year: \_\_\_\_\_

Allow students in program to complete under this program until Term: \_\_\_\_ Year: \_\_\_\_\_

### SECTION V: Proposed Changes to an Existing Program

Insert here a statement of the exact changes to be made: Adjust the course requirements for the BSIE degree to maintain the same number of total hours required while increasing student flexibility/elective choices in their degree program. This requires

a) Moving INEG 3513 from its current 5<sup>th</sup> semester location to the 4<sup>th</sup> semester in the BSIE degree.

b) Moving INEG 4723 from its current 7<sup>th</sup> semester location to the 6<sup>th</sup> semester in the BSIE degree.

c) Renumbering of INEG 2101 to 2102, as faculty review of current course content confirms two hours of credit workload is being accomplished by students.

**d) Deleting the requirement of CSCE 2014 from the current degree program's 4<sup>th</sup> semester. These hours are re-incorporated into the degree plan via an additional 3-hour technical elective requirement and adding 1 hour to the current INEG 2101 course (see part c above).**

**e) Deleting the requirement of INEG 3523 from the current degree program's 6<sup>th</sup> semester. These hours are re-incorporated into the degree plan via an additional 3-hour technical elective requirement.**

**f) Deleting the requirement of INEG 4543 from the current degree program's 7<sup>th</sup> semester. These hours are re-incorporated into the degree plan via an additional 3-hour technical elective requirement.**

**g) Moving INEG 4553 from its current 8<sup>th</sup> semester location to the 7<sup>th</sup> semester in the BSIE degree.**

**h) Moving 3 hours of humanities/social science electives from the 7<sup>th</sup> semester to the 8<sup>th</sup> semester in order to balance student coursework loading.**

**i) Restrict INEG management requirement to no longer be satisfied by INEG 4443 Project Management. Now, only INEG 4433 Systems Engineering & Management or an upper-level ROTC course can fulfill this 7<sup>th</sup> semester requirement.**

**j) Renumber the first digit of eight different courses to accurately reflect the year they are offered in the BSIE degree program as follows: 3413 to 2413, 3313 to 2313, 3313H to 2313H, 3333 to 2333, 3513 to 2513, 4623 to 3623, 4623H to 3623H, and 4723 to 3723.**

**k) While all other course numbers and semester locations stay the same, a number of course titles are updated to more accurately reflect their current content.**

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)

#### **SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**The proposed changes to the BSIE curriculum increase flexibility for students when completing their degree requirements by de-emphasizing three currently required courses and replacing them with technical elective options so that students may choose a coursework load more suitable to their intended career/post-graduation paths. These changes will not affect any other degree program in the College of Engineering.**

#### **SECTION VII: Catalog Text and Format**

*Insert the current catalog text and the proposed catalog text. Be sure that the proposed text includes all the elements listed below in order. Do not include university requirements or college requirements. Do not substitute a sample schedule for an explicit statement of requirements. Use standard terms and vocabulary (see Academic Policy 1621.10).*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

For centers, prepare text consistent with current catalog style.

**CURRENT CATALOG TEXT:**

**The total graduation requirement in industrial engineering is 129 hours. For further information please visit us on the World Wide Web at <http://www.ineg.uark.edu/>.**

**Students must also take ENGL 2003 during the third year or gain exemption. At least 3 hours of technical electives must be selected from INEG courses.**

**INDUSTRIAL ENGINEERING PROGRAM**

**Freshman Year - First Semester**

**4 MATH 2554 Calculus I**

**3 CHEM 1103 University Chemistry I**

**4 PHYS 2054 University Physics I**

**1 GNEG 1111 Intro to Engineering I**

**3 ENGL 1013 Composition I**

**15 semester hours**

**Second Semester**

**4 MATH 2564 Calculus II**

**4 Freshman Science elective\***

**3 Humanities/social science elective**

**1 GNEG 1121 Intro to Engineering II**

**3 ENGL 1023 Technical Composition II**

**15 semester hours**

**Sophomore Year - First Semester**

**4 MATH 2574 Calculus III**

**3 INEG 3413 Engineering Economic Analysis**

**1 INEG 2101 Principles of Indust Engineering**

**3 INEG 3313 Engineering Statistics**

**4 CSCE 2004 Programming Foundations I**

**15 semester hours**

**Second Semester**

**4 MATH 3404 Differential Equations**

**3 INEG 2403 Industrial Cost Analysis**

**3 Science Requirement\*\***

**3 INEG 3333 Industrial Statistics**

**4 CSCE 2014 Programming Foundations II**

**17 semester hours**

**Junior Year - First Semester**

**3 INEG 3713 Methods and Standards**

**3 INEG 4623 Introduction to Simulation**

**3 MEEG 2003 Statics**

**3 ELEG 3903 Electric Circuits and Machines**

**3 History or Government Requirement: Select one from (HIST 2003, HIST 2013, PLSC 2003)**

**3 INEG 3513 Manufacturing Design and Processes**

**18 semester hours**

**Second Semester**

**3 INEG 3613 Introduction to Operations Research**

**3 INEG 3523 Manufacturing Systems**

**3 Engineering Science Elective 1: Select one from (MEEG 2303 Introduction to Materials, MEEG 2013 Dynamics, MEEG 3013 Mechanics of Materials)**

**3 Engineering Science Elective 2: Select one from (CHEG 2133 Fluid Mechanics, MEEG 2403 Thermodynamics)**

**3 ECON 2143 Basic Economics**

**15 semester hours**



**Senior Year - First Semester**

**3 INEG Management Requirement: Select either INEG 4433 Systems Engineering & Management or INEG 4443 Project Management (An upper-level ROTC course may be substituted)**

**3 INEG 4543 Materials Handling**

**3 INEG 4723 Ergonomics**

**3 Technical elective8**

**6 Humanities/social science electives**

**18 semester hours**

**Second Semester**

**4 INEG 4904 I.E. Design**

**3 INEG 4553 Prodn Planning/Control**

**6 Technical electives**

**3 Humanities/social science elective**

**16 semester hours**

**129 Total hours required**

**Notes:**

**\* CHEM 1123/1121L University Chemistry II or PHYS 2074 University Physics II**

**\*\* If the student selected CHEM 1123/1121L as their freshman science elective then this must be PHYS 2074 University Physics II; otherwise please see the approved list of IE science electives.**

**Technical Electives**

**The purpose of technical electives is to provide students with the opportunity to expand their education along lines of particular interest to them. The approved list of technical electives is available in the industrial engineering department. At least three hours must be selected from INEG courses.**

**Humanities/Social Science Electives**

**Although any elective included on the humanities/social science list may be selected, PSYC 2003 General Psychology is recommended for industrial engineers.**

**Science Elective**

**The approved list of science electives is available in the industrial engineering departmental office.**

**PROPOSED CATALOG TEXT:**

**The total graduation requirement in industrial engineering is 129 hours. For further information please visit us on the World Wide Web at <http://www.ineg.uark.edu/>.**

**Students must also take ENGL 2003 during the third year or gain exemption. At least 12 hours of technical electives must be selected from INEG courses.**

**INDUSTRIAL ENGINEERING PROGRAM**

**Freshman Year - First Semester**

**4 MATH 2554 Calculus I**

**3 CHEM 1103 University Chemistry I**

**4 PHYS 2054 University Physics I**

**1 GNEG 1111 Intro to Engineering I**

**3 ENGL 1013 Composition I**

**15 semester hours**

**Second Semester**

**4 MATH 2564 Calculus II**

**4 Freshman Science elective\***

**3 Humanities/social science elective**

**1 GNEG 1121 Intro to Engineering II**

**3 ENGL 1023 Technical Composition II**  
**15 semester hours**

**Sophomore Year - First Semester**

**4 MATH 2574 Calculus III**  
**3 INEG 2413 Engineering Economic Analysis**  
**2 INEG 2102 Introduction to Industrial Engineering**  
**3 INEG 2313 Applied Probability and Statistics for Engineers I**  
**4 CSCE 2004 Programming Foundations I**  
**16 semester hours**

**Second Semester**

**4 MATH 3404 Differential Equations**  
**3 INEG 2403 Industrial Cost Analysis**  
**3 Science Requirement\*\***  
**3 INEG 2333 Applied Probability and Statistics for Engineers II**  
**3 INEG 2513 Manufacturing Design**  
**16 semester hours**

**Junior Year - First Semester**

**3 INEG 3713 Methods and Standards**  
**3 INEG 3623 Simulation**  
**3 MEEG 2003 Statics**  
**3 ELEG 3903 Electric Circuits and Machines**  
**3 History or Government Requirement: Select one from (HIST 2003, HIST 2013, PLSC 2003)**  
**3 Technical elective**  
**18 semester hours**

**Second Semester**

**3 INEG 3613 Introduction to Operations Research**  
**3 Technical elective**  
**3 Engineering Science Elective 1: Select one from (MEEG 2303 Introduction to Materials, MEEG 2013 Dynamics, MEEG 3013 Mechanics of Materials)**  
**3 Engineering Science Elective 2: Select one from (CHEG 2133 Fluid Mechanics, MEEG 2403 Thermodynamics)**  
**3 ECON 2143 Basic Economics**  
**3 INEG 3723 Ergonomics**  
**18 semester hours**

**Senior Year - First Semester**

**3 INEG 4433 Systems Engineering and Management (An upper-level ROTC course may be substituted)**  
**3 INEG 4553 Production Planning and Control**  
**6 Technical electives**  
**3 Humanities/social science electives**  
**15 semester hours**

**Second Semester**

**4 INEG 4904 I.E. Design**  
**6 Technical electives**  
**6 Humanities/social science electives**  
**16 semester hours**

**129 Total hours required**

**Notes:**

**\* CHEM 1123/1121L University Chemistry II or PHYS 2074 University Physics II**

**\*\* If the student selected CHEM 1123/1121L as their freshman science elective then this must be PHYS 2074 University Physics II; otherwise please see the approved list of IE science electives.**

**Technical Electives**

**The purpose of technical electives is to provide students with the opportunity to expand their education along lines of particular interest to them. The approved list of technical electives is available in the industrial engineering department. At least 12 hours must be selected from INEG courses.**

**Humanities/Social Science Electives**

**Although any elective included on the humanities/social science list may be selected, PSYC 2003 General Psychology is recommended for industrial engineers.**

**Science Elective**

**The approved list of science electives is available in the industrial engineering departmental office.**

**SECTION VIII: Action Recorded by Registrar's Office**

PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_

DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

REPORTING CODES

PROG. DEF. \_\_\_\_\_ REQ. DEF. \_\_\_\_\_  
Initials \_\_\_\_\_ Date \_\_\_\_\_

Distribution

Notification to:

- (1) College (2) Department (3) Admissions (4) Institutional Research (5) Continuing Education (6) Graduate School  
(7) Treasurer (8) Undergraduate Program Committee Initials \_\_\_\_\_ Date \_\_\_\_\_