

## University Course and Programs Committee

### Minutes

May 28, 2010

#### MEMBERS PRESENT:

**Voting:** Chuck Adams, Ro DiBrezzo, Tim Killian, Patricia Koski, Terry Martin, Janet Penner-Williams, John Rupe

**Non-Voting:** Lisa Kulczak and William Warnock

#### MEMBERS ABSENT:

**Voting:** Suzanne Area, Bob Brady, Cathy Chick, Bill Curington, Dawn Farver, Judy Ganson, Carol Gattis, Donna Graham, Andrew Horowitz, Betsy Orr, Chuck Rotolo, Bill Springer

**Non-Voting:** Gary McHenry, Karen Turner

**GUESTS:** Kathleen Barta, Mary Joe Schneider, Fred Spiegel and Peter Unger

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

1. The minutes for the April 23, 2010 meeting were approved.
2. Course Change Proposals:

Two courses were pulled from [Tables A and C](#), CIED 4433 – The Moral Mind in Action and CIED 4443 – Moral Courage, and were withdrawn from consideration by Janet Penner-Williams. They will be resubmitted for the next UCPC meeting. Both Dual credit courses needed to indicate what additional work was to be completed by graduate students.

- A. The remaining Undergraduate course change proposals ([Table A](#)) were approved without opposition and will be forwarded for the September 2010 Faculty Senate meeting.
  - B. Graduate course change proposals ([Table B](#)) were approved without opposition and will be forwarded for the June 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 Science – BSHES – Foods, Human Nutrition and Hospitality (Hospitality and Restaurant Management Concentration) ([Table One, Attachment 1A](#)) was presented by Tim Killian. The program change

requested to delete six required courses and two hours of PEAC or DEAC courses. These changes resulted in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. Also several other changes were proposed. The proposal was approved without opposition and will be forwarded for consideration at the September 2010 Faculty Senate meeting.

- B. Proposed undergraduate program change for the Fulbright College of Arts and Sciences, Department of Anthropology – ANTHBA – BA, Anthropology ([Table 2](#), [Attachments 2A](#), [Attachment 2B](#), [Attachment 2C](#), [Attachment 2D](#)) was presented by **Mary Joe Schneider**. The proposal requested to increase the required hours for the major from 30 to 35 and add three new specializations – Archeology, Biological Anthropology and Cultural Anthropology. The proposal was approved without opposition and will be forwarded for consideration at the September 2010 Faculty Senate meeting.
- C. Proposed undergraduate program change for the Fulbright College of Arts and Sciences, Department of Anthropology – ANTHBS – BS, Anthropology ([Table 2](#), [Attachment 2E](#) and [Attachment 2F](#)) was presented by **Mary Joe Schneider**. The proposal requested to add a new program. The proposal was approved without opposition and will be forwarded for consideration at the September 2010 Faculty Senate meeting.
- D. Proposed undergraduate program change for the Fulbright College of Arts and Sciences, Department of Biology – BIOLBA – BA, Biology ([Table 2](#), [Attachment 2G](#) and [Attachment 2H](#)) was presented by **Fred Spiegel**. The proposal requested eight major changes to the curriculum. The proposal was approved without opposition and will be forwarded for consideration at the September 2010 Faculty Senate meeting.
- E. Proposed undergraduate program change for the Fulbright College of Arts and Sciences, Department of Biology – BIOLBS – BS, Biology ([Table 2](#), [Attachment 2I](#) and [Attachment 2J](#)) was presented by **Fred Spiegel**. The proposal requested to eliminate BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499V and BIOL 499VH. The proposal was approved without opposition and will be forwarded for consideration at the September 2010 Faculty Senate meeting.
- F. Proposed undergraduate program change for the Fulbright College of Arts and Sciences, Department of Biology – BIOL-M – Minor in Biology ([Table 2](#), [Attachment 2K](#)) was presented by **Fred Spiegel**. The proposal requested to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology course may be selected as one to the electives. The proposal was approved without opposition and will be forwarded for consideration at the September 2010 Faculty Senate meeting.

- G. Two undergraduate program proposals from the Walton College of Business – the Minor in Enterprise Resource Planning ([Table 3, Attachment 3A](#)) and BSBA in Transportation ([Table 3, Attachment 3B](#)) were withdrawn until the next meeting of the UCPC due no representative being able to attend the meeting.
- H. Proposed undergraduate program change for the College of Education and Health Professions, Department of Curriculum and Instruction – CHEDBS – BSE, Childhood Education ([Table 4, Attachment 4A](#) and [Attachment 4B](#)) was presented by Janet Penner-Williams. The program change requested to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted in to the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow for a more accurate identification of theses students and improved advising. The proposal was approved without opposition and will be forwarded for consideration at the September 2010 Faculty Senate meeting.
- I. Proposed graduate program change for the Eleanor Mann School of Nursing – NURSMS – MSN, Nursing ([Table 5, Attachments 5A, Attachment 5B, Attachment 5C, Attachment 5D](#)) was presented by Kathleen Barta. Proposal requested to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. The proposal was approved without opposition and will be forwarded for consideration at the June Graduate Council Meeting.

5. Other Business:

Terry Martin was re-elected, unanimously, to be the committee chair for the 2010-11 academic year.

Meeting was adjourned at 3:18 PM.

**TABLE A****UCPC****Undergraduate Courses****May 28, 2010**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
EDUC	Curriculum & Instruction	CIED	ETEC	2001	Educational Technology	U	IN	1	Fall 2011
EDUC	Curriculum & Instruction	CIED	ETEC	2002L	Educational Technology Lab	U	IN	2	Fall 2011
ENGR	Electrical Engineering	ELEG	ELEG	287V	Special Topics in Electrical Engineering	U	ANC	variable	Fall 2011
ENGR	Electrical Engineering	ELEG	ELEG	387V	Special Topics in Electrical Engineering	U	ANC	variable	Fall 2011
ENGR	Industrial Engineering	INEG	INEG	4683	Decision Support in Industrial Engineering	U	ANC	3	Spring 2011

**TABLE B****UCPC****Graduate Courses****May 28, 2010**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
EDUC	Curriculum & Instruction	CIED	CIED	5713	Teaching Character	G	ANC	3	Fall 2011
EDUC	Curriculum & Instruction	CIED	EDLE	599V	Seminar	G	IN	variable	Fall 2011
EDUC	Curriculum & Instruction	CIED	EDLE	600V	Workshop	G	IN	variable	Fall 2011
EDUC	Nursing	NURS	NURS	5013	Advanced Nursing Research I	G	ELC	3	Fall 2011
EDUC	Nursing	NURS	NURS	5023	Advanced Nursing Research II	G	ELC	3	Fall 2011
EDUC	Nursing	NURS	NURS	5053	Evidence-Based Practice and Innovation in Nursing	G	ANC	3	Fall 2011
EDUC	Nursing	NURS	NURS	5063	Health Care Policy	G	ANC	3	Fall 2011
EDUC	Nursing	NURS	NURS	5343	Independent Study: Specialty Development I	G	ANC	3	Fall 2011
EDUC	Nursing	NURS	NURS	5353	Independent Study: Specialty Development II	G	ANC	3	Fall 2011
EDUC	Rehabilitation, Human Resources & Communication Disorders	RHRC	CNED	6063	Counseling and Sexuality	G	IN	3	Fall 2011
EDUC	Rehabilitation, Human Resources & Communication Disorders	RHRC	CNED	6343	Cultural Foundations and Counseling	G	IN	3	Fall 2011
EDUC	Rehabilitation, Human Resources & Communication Disorders	RHRC	WDED	5413	Foundations of Vocational Education	G	IN	3	Fall 2011
ENGR	Industrial Engineering	INEG	INEG	5803	Simulation	G	ANC	3	Fall 2011
ENGR	Industrial Engineering	INEG	INEG	5813	Introduction to Simulation	G	ANC	3	Fall 2011
ENGR	Industrial Engineering	INEG	INEG	5833	Data Processing Systems Engineering	G	ANC	3	Fall 2011

ENGR	Industrial Engineering	INEG	OMGT	5833	Decision Support Application Development for Operations Management	G	ANC	3	Fall 2011
WCOB	Management	MGMT	MGMT	5373	International Management: Globalization and Business	G	ANC	3	Fall 2011

**TABLE C****UCPC****Dual Courses****May 28, 2010**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
EDUC	Curriculum & Instruction	CIED	CIED	4433	The Moral Mind in Action	D	ANC	3	Fall 2011
EDUC	Curriculum & Instruction	CIED	CIED	4443	Moral Courage	D	ANC	3	Fall 2011

## KEY

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### ACTION

ANC= ADD NEW COURSE  
ELC= ELIMINATE COURSE  
CT= CHANGE TITLE  
CD= CHANGE DESCRIPTION  
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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  
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**University Course and Programs Committee**  
**28-May-10**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

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

School of Human Environmental Sciences

FHNHBS - BSHES, Foods, Human Nutrition and Hospitality ( Concentration in Hospitality & Restaurant Management) - Attachment 1A

Proposal requests to delete six required courses and two hours of PEAC or DEAC courses. These changes result in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. There are several other changes described in Section V of Attachment 1A.

**TABLE TWO**

**Fulbright College of Arts and Sciences**

Department of Anthropology

ANTHBA - BA, Anthropology - Attachments 2A through 2D

Proposal requests to increase the required hours for the major from 30 to 35 and add three new specializations - Archeology, Biological Anthropology and Cultural Anthropology as specified in Section V of Attachment 2A.

ANTHBS - BS, Anthropology - Attachments 2E and 2F

Proposal requests to add new program as specified in Sections VI and VII of Attachment 2E.

Department of Biological Sciences

BIOLBA - BA, Biology - Attachments 2G and 2H

Proposal requests eight major changes to the curriculum as specified in Section V of Attachment 2G.

## **PAGE TWO**

BIOLBS - BS, Biology - Attachments 2I and 2J

Proposal requests the elimination of BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499 and BIOL 499VH. Changes are further described in Section V of Attachment 2I.

BIOL-M - Minor in Biology - Attachment 2K

Proposal requests to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology core course may be selected as one of the electives as specified in Section V of Attachment 2K.

## **TABLE THREE** **Walton College of Business**

Walton College of Business Dean

WERP-M - Minor in Enterprise Resource Planning - Attachment 3A

Proposal requests to substitute ACCT 2013 for ACCT 3723 and add ISYS 4293, ISYS 4453 and TLOG 3623 as choices from which courses can be selected as specified in Section V of Attachment 3A.

Department of Marketing and Logistics

TRNSBS - BSBA, Transportation - Attachment 3B

Proposal requests to delete ECON 4653 and replace it with ECON 3853; add four ISYS courses to those acceptable to fulfill the information systems collateral requirement and rename the remaining course to be consistent with Information Systems Department curriculum change as specified in Section V of Attachment 3B.

**PAGE THREE**

**TABLE FOUR**

**College of Education and Health Professions**

Department of Curriculum and Instruction

PCHED - Pre-Code for BSE, Childhood Education - Attachments 4A and 4B

Proposal requests to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted into the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow a more accurate identification of these students and allow for improved advising as specified in Section V of Attachment 4A.

**TABLE FIVE**

**GRADUATE PROGRAM CHANGES**

Eleanor Mann School of Nursing

NURSMS - MSN, Nursing - Attachment 5A through 5D

Proposal requests to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. Descriptions for these concentrations are specified in Section V of Attachments 5A and 5B.

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, Foods, Human Nutrition and Hospitality (Concentration in Hospitality & Restaurant Management)

College, School, Division AFLS Department Code HESC

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

[ ] Interdisciplinary Program CIP Code 19.0501
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.

X 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: WCOB see attached

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:

**Changes to curriculum include: Deletion of HESC 1601, 2123, 2643, 3613, 4103, 4623 and the 2 hour requirement of PEAC or DEAC courses.**

**These changes result in a reduction of the Human Environmental Sciences Core from 17 credit hours to 14 credit hours (-3 hours), a reduction in the Hospitality Management Core requirements from 49-55 credit hours to 36 credit hours (-13 to -19 hours), and an increase in general and hospitality electives hours from 5-15 credit hours to 29-38 credit hours (+23 to +33).**

**In addition, SOCI 2013 has been added as an option with PSYC 2003 under the Social Science Core requirement, WCOB 1023 as an optional financial records course, and MKTG 3433 as an optional marketing course.**

X 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: \* \_\_\_\_\_.

X 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: \* \_\_\_\_\_.

\*See attached email from each college

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.)

X 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.)*

**Specific to the hospitality industry and accreditation, the current curriculum must be redesigned for several reasons. Our justification for this conclusion is through a triangulated process of industry survey, benchmarking against the top 10 U.S. programs, and level that current program meets accreditation and content assessment requirements.**

**The concentration hospitality & restaurant management within the FHNHBS major has grown 1,000% since it's birth in 2004. The program began with 13 students and has now grown to 170 undergraduate students and 6 masters students. This growth is anticipated to continue due to forecast demand for professionals in this sector and the growth and hospitality services across Arkansas. To fill this demand, the program aspires to better meet the needs of industry skill sets and specific knowledge areas defined by the hospitality accrediting body.**

## **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.**

**Communications (6 - 12 hours)**

- \_\_\_ Choose from English Core courses – 6 hours unless exempt
- \_\_\_ COMM 1313 Fundamentals of Communication
- \_\_\_ AGED 3142/3141L Agricultural Communications and lab

**US History or Government (3 hours)**

Choose 3 hours from US History University Core courses—See page 40

**Mathematics and Computers (3 hours)**

- \_\_\_ MATH 1203 College Algebra or higher level math
- \_\_\_ WCOB 1120 Computer Competency Requirement or equivalent

**Sciences (8-9 hours)**

- \_\_\_ CHEM 1103/1101L University Chemistry I and lab
- \_\_\_ CHEM 1123/1121L University Chemistry II and lab **OR**
- \_\_\_ BIOL 1543/1541L Principles of Biology and lab
- \_\_\_ CHEM 1074/1071L Fundamentals of Chemistry and lab

**Fine Arts and Humanities (6 hours)**

Choose from Fine Arts, Humanities CORE courses

**Social Sciences (9 hours)**

- \_\_\_ ECON 2143 Basic Economics
- \_\_\_ HESC 2413 Family Relations
- \_\_\_ PSYC 2003 General Psychology or SOCI 2013 General Sociology

**HRMN Requirements:**

**Human Environmental Sciences Core (14 hours)**

- \_\_\_ HESC 1501 Orientation to HESC
- \_\_\_ HESC 1213 Nutrition in Health
- \_\_\_ HESC 2112 Foods I
- \_\_\_ HESC 2111L Foods I Lab
- \_\_\_ HESC 3604 Menu, Layout & Food Preparation for the Hospitality Industry
- \_\_\_ HESC 3653 Food Systems Management and Organizational Behavior

**Additional Requirements (36 hours)**

- \_\_\_ HESC 1603 Introduction to Hospitality and Restaurant Management
- \_\_\_ HESC 2603 Food Service Purchasing
- \_\_\_ HESC 2633 Hotel and Resort Operations Management
- \_\_\_ HESC 3623 Legal Issues in Hosp. Ind. with lab
- \_\_\_ HESC 3633 Front Office Management
- \_\_\_ HESC 4633 Advanced Hospitality Operations
- \_\_\_ HESC 4643 Meetings, Events and Convention Management
- \_\_\_ HESC 4653 Global Travel and Tourism Management
- \_\_\_ HESC 4693 Hospitality Management Internship (3-6 hours)\_\_\_ AGEC 2142/2141L Ag Financial Records or WCOB 1023
- \_\_\_ AGEC 3303 Food and Ag Marketing or MKTG 3433
- \_\_\_ FDSC 2503 Food Safety Sanitation

**Electives (29-39 hours)**

**124 Total Hours**

**Nine semester plan:**

HRMN Requirements: 6-12 hours Communication; 3 hours History; 3 hours Mathematics; 8-9 hours Science; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 14 hours HESC Core; 36 hours HRMN additional requirements; 29-39 hours General electives (recommended – 6 hours Foreign Language and 9 hours of suggested hospitality 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
<b>ENGL 1013</b> Composition –unless exempt	3	<b>ENGL 1023</b> Composition II (Pre-ENGL 1013) – unless exempt	3
HESC 1213 Nutrition in Health	3	<b>*BIOL 1543/1541L</b> Principles of Biology and lab	4
<b>*CHEM 1074/1071L</b> Fundamentals of Chemistry and lab	5	COMM 1313 Fundamentals of Communication	3
HESC 1603 Intro Hospitality & Restaurant Management	3	Fine Arts / Humanities Core elective	3
<b>Math 1203 College Algebra or higher level math</b>	3	General or Hospitality Electives	3
WCOB 1120 Computer Competency Requirement		HESC 1501 Orientation to HESC	1
<b>Total Semester Hours</b>	<b>17</b>	<b>Total Semester Hours</b>	<b>17</b>
Fall Semester Year 2		Spring Semester Year 2	
Course	Hours	Course	Hours
HESC 2112/2111L Foods I (Pre-HESC 1501 and CHEM 1074/1071L OR CHEM 1103)	3	HESC 2603 Food Service Purchasing & Cost Control (Pre- HESC 1603)	3
General or Hospitality Electives	3	General or Hospitality Electives	3
<b>Social Sciences Core PSYC 2003 or SOCI 2013</b>	3	<b>History or Government Core Elective</b>	3
FDSC 2503 Food Safety and Sanitation	3	<b>Social Science Core ECON 2143</b> Basic Economics – Theory & Practice	3
HESC 2633 Hotel & Resort Operations Mgmt (Pre-HESC 1603)	3	Elective	3
<b>Total Semester Hours</b>	<b>15</b>	<b>Total Semester Hours</b>	<b>15</b>
Fall Semester Year 3		Spring Semester Year 3	
Course	Hours	Course	Hours
<b>Social Science Core HESC 2413</b> Family Relations (Pre-Co-HESC 1501)	3	HESC 3604/3600L Menu, Layout and Food Preparation for the Hospitality Industry (Pre-HESC 1213, HESC 2112/2111L, and HESC 2603)	4
AGEC 2142/2141L Ag Financial Records (Pre- WCOB 1120 and ECON 2143) or WCOB 1023	3	HESC 3633 Revenue & Front Office Management (Pre- Co-HESC 2633)	3
General or Hospitality Electives	6	General or Hospitality Electives	8
<b>AGED 3142 / 3141L Agricultural Comm and Lab</b>	3	<b>Total Semester Hours</b>	<b>15</b>
<b>Total Semester Hours</b>	<b>15</b>		
Fall Semester Year 4		Spring Semester Year 4	
Course	Hours	Course	Hours
HESC 3653 Food Systems Mgmt (Pre-HESC 1213)	3	General or Hospitality Electives	3
HESC 4643 Meetings, Events & Conventions Mgmt. (Pre-HESC 1603 & Pre- Co-AGEC 3303)	3	HESC 3623 Legal Issues in the Hospitality Industry (Pre-HESC 1603)	3
AGEC 3303 Food & Ag Marketing (Pre- ECON 2143) or MKTG 3433	3	HESC 4633 Hosp. Operations & Financial Analysis (Pre-HESC 3633 & AGECE 2142/2141L or WCOB 1023)	3
HESC 4653 Global Travel & Tourism Management (Pre-PSYC 2003 or SOCI 2013, HESC 1603 and HESC 2643)	3	Fine Arts/Humanities Core Elective	3
General or Hospitality Electives	3	<b>Total Semester Hours</b>	<b>12</b>
<b>Total Semester Hours</b>	<b>15</b>		
		Summer Semester Year 4	
		Course	Hours
		HESC 4693 Hospitality Management Internship (Pre-Jr Standing, HRMN major, COMM 1313, and FDSC 2503)	3
		<b>Total Semester Hours</b>	<b>3</b>
		<b>TOTAL HOURS</b>	<b>124</b>

\*May take CHEM 1103/1101L AND CHEM 1123/1121L (Pre-requisite for both courses-MATH 1203 or satisfactory performance on the mathematics proficiency examination)

### 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

**University Course and Programs Committee**  
**28-May-10**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

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

School of Human Environmental Sciences

FHNHBS - BSHES, Foods, Human Nutrition and Hospitality ( Concentration in Hospitality & Restaurant Management) - Attachment 1A

Proposal requests to delete six required courses and two hours of PEAC or DEAC courses. These changes result in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. There are several other changes described in Section V of Attachment 1A.

**TABLE TWO**

**Fulbright College of Arts and Sciences**

Department of Anthropology

ANTHBA - BA, Anthropology - Attachments 2A through 2D

Proposal requests to increase the required hours for the major from 30 to 35 and add three new specializations - Archeology, Biological Anthropology and Cultural Anthropology as specified in Section V of Attachment 2A.

ANTHBS - BS, Anthropology - Attachments 2E and 2F

Proposal requests to add new program as specified in Sections VI and VII of Attachment 2E.

Department of Biological Sciences

BIOLBA - BA, Biology - Attachments 2G and 2H

Proposal requests eight major changes to the curriculum as specified in Section V of Attachment 2G.

## **PAGE TWO**

BIOLBS - BS, Biology - Attachments 2I and 2J

Proposal requests the elimination of BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499 and BIOL 499VH. Changes are further described in Section V of Attachment 2I.

BIOL-M - Minor in Biology - Attachment 2K

Proposal requests to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology core course may be selected as one of the electives as specified in Section V of Attachment 2K.

## **TABLE THREE** **Walton College of Business**

Walton College of Business Dean

WERP-M - Minor in Enterprise Resource Planning - Attachment 3A

Proposal requests to substitute ACCT 2013 for ACCT 3723 and add ISYS 4293, ISYS 4453 and TLOG 3623 as choices from which courses can be selected as specified in Section V of Attachment 3A.

Department of Marketing and Logistics

TRNSBS - BSBA, Transportation - Attachment 3B

Proposal requests to delete ECON 4653 and replace it with ECON 3853; add four ISYS courses to those acceptable to fulfill the information systems collateral requirement and rename the remaining course to be consistent with Information Systems Department curriculum change as specified in Section V of Attachment 3B.

**PAGE THREE**

**TABLE FOUR**

**College of Education and Health Professions**

Department of Curriculum and Instruction

PCHED - Pre-Code for BSE, Childhood Education - Attachments 4A and 4B

Proposal requests to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted into the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow a more accurate identification of these students and allow for improved advising as specified in Section V of Attachment 4A.

**TABLE FIVE**

**GRADUATE PROGRAM CHANGES**

Eleanor Mann School of Nursing

NURSMS - MSN, Nursing - Attachment 5A through 5D

Proposal requests to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. Descriptions for these concentrations are specified in Section V of Attachments 5A and 5B.

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 2011

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

Current Name BA, Anthropology

College, School, Division ARSC Department Code ANTH

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

[ ] Interdisciplinary Program CIP Code 45.0201
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 changes to the undergraduate major in anthropology are being made:

**1. An increase in required credit hours to 35 credits. These 35 hours include:**

**-- one additional class in each subfield.**

**-- a minimum of two geographical area studies courses in two different geographical areas.**

**2. Inclusion of optional specializations in each subfield.**

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.)*

**We are requesting a program change to update our major requirements to reflect current trends in Anthropology to provide our students with greater breadth and the option of specialization in one or another of our disparate subfields.**

**1. We request an increase from 30 to 35 hours for the major to improve the rigor of our program. This does not increase the overall number of required hours for a BA degree in Anthropology, due to the anticipated reduction of the Fulbright College core, which is being reduced to be equivalent to the University state core requirement.**

**2. This includes a minimum of two area studies courses in two different areas. The comparative method is key in Anthropology, and Anthropology students today need familiarity with peoples from at least two geographic regions.**

**3. Students will be required to take one additional class in each subfield to give them a broader base of knowledge within Anthropology as a discipline.**

**4. We request the addition of three optional specializations (a concentration in Cartography/Remote Sensing/GIS already exists). Anthropology is a broad discipline, which encompasses three distinct fields here at the University of Arkansas. Optional specializations in archeology, biological anthropology, and cultural anthropology would provide students with guidance in course choices to meet the needs of their specific interests**

**5. Only the optional specialization in Cultural Anthropology has a language requirement. A working knowledge of a foreign language is necessary for those who intend to conduct cultural anthropological fieldwork, or other area specific research.**

**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.**

Courses in anthropology provide an introduction to world peoples, their ways of living, and world views. Anthropology helps students to better understand human similarities and differences.

**Requirements for a Major in Anthropology:** ~~30~~35 semester hours including ANTH 1013, ANTH 1011L, ANTH 1023, ANTH 3023, ANTH 3021L, and ANTH 4013. These 35 hours must also include:

1. One course in each ANTH subfield (Cultural, Archeology, Biological) beyond the core (9 hours).
2. 3 hours from each of two different geographical areas in ANTH for a total of 6 hours.
3. 6 elective credit hours in anthropology. These may satisfied in concert with an optional specialization as described below.

### **Optional Specializations:**

#### **Specialization in Archeology:**

To complete the specialization, a student is required to fulfill the following course requirements:

1. **Three** of the following method and theory courses or equivalent classes offered under ANTH 3903 and ANTH 4903, approved as having an archeological method and theory focus (9 credits).

---

<u>ANTH 4093</u>	<u>Archeology of Death</u>
<u>ANTH 4353</u>	<u>Laboratory Methods in Archeology</u>
<u>ANTH 4443</u>	<u>Cultural Resource Management</u>
<u>ANTH 4603</u>	<u>Landscape Archeology</u>
<u>ANTH 4633</u>	<u>Archeological Prospecting and Remote Sensing</u>
<u>ANTH 4813</u>	<u>Ethnographic Approaches to the Past</u>
<u>ANTH 4803</u>	<u>Historical Archeology</u>

2. Archeological Field Session (6 credits)

ANTH 4256

---

#### **Specialization in Biological Anthropology:**

To complete the specialization, a student is required to fulfill the following course requirements:

**Four** of the following courses in biological anthropology, including any 3000-4000 special topics or seminar courses offered that are deemed appropriate for training in any of the subdisciplines of biological anthropology (12-13 credits).

---

<u>ANTH 3423/3421L</u>	<u>Human Osteology</u>
<u>ANTH 3433</u>	<u>Human Evolution</u>
<u>ANTH 3443</u>	<u>Criminalistics</u>
<u>ANTH 3533</u>	<u>Medical Anthropology</u>
<u>ANTH 3923H</u>	<u>Primate Behavioral Ecology (open to majors)</u>
<u>ANTH 4523</u>	<u>Dental Science</u>
<u>ANTH 4631</u>	<u>Primate Adaptation and Evolution</u>



**Specialization in Cartography/Remote Sensing/GIS:** This program gives students an opportunity to develop expertise in (1) cartography, map design and computer-assisted map production, (2) remote sensing and image interpretation, including photographic systems, sensor systems, and digital image processing, and (3) geographic information systems, including data sources, analytical techniques, and hardware/software systems.

To complete the specialization, a student is required to fulfill the following course requirements.

Required Courses:

GEOG 3023, GEOS 4413, and ANTH 3543

Elective Courses (9 hours to be selected from the following):

GEOG 4523, GEOL 5423, ANTH 4553, ANTH 4563, ANTH 4573, ANTH 4593, STAT 4003 (or other approved statistics course), CVEG 2053 (or other approved surveying course), CENG 4883

**Specialization in Cultural Anthropology:**

To complete the specialization, a student is required to fulfill the following course requirements:

1. Students must take a world language through the 2013 level (up to 12 credits).

2. Two of the following method and theory courses or equivalent classes offered under ANTH 3903 and ANTH 4903 approved as having a cultural anthropology method and theory focus (6 credits).

ANTH 3123 The Anthropology of Religion

ANTH 3143 Language and Expressive Culture

ANTH 3163 Male and Female: A Cultural and Biological Overview

ANTH 3533 Medical Anthropology

ANTH 4033 Popular Culture

ANTH 4143 Ecological Anthropology

ANTH 4363 Museums, Material Culture, and Popular Imagination

ANTH 4813 Ethnographic Approaches to the Past

**Writing Requirement:** The Fulbright College research/analytical paper requirement for anthropology majors is fulfilled in ANTH 4013.

**Requirements for Departmental Honors in Anthropology:** The Departmental Honors Program in Anthropology provides an opportunity for outstanding undergraduate majors to conduct independent research under the supervision of a faculty member. The research project culminates in an honors thesis, which is primary for the award “Anthropology Scholar *Cum Laude*.” Higher degree distinctions are recommended only in truly exceptional cases and are based upon the candidate’s entire program of honors studies.

Honors candidates must meet the college requirements for an honors degree. They must complete and defend an honors thesis and take 12 hours, which may include 6 hours of thesis, in Honors Studies. The candidate is expected to maintain a minimum 3.5 cumulative grade-point average in anthropology and other course work.

## **Anthropology Eight-Semester Degree Program**

### **Fall Semester Year 1**

4 ANTH 1013/1011L Introduction to Biological Anthropology

3 ENGL 1013 Composition I

3 MATH 1203 (if required) ~~or MATH 2043, 2053, 2183 or 2554~~

3 ANTH 1023 Introduction to Cultural Anthropology

3 ~~Core from areas a, b, c, d or e~~ Fine Arts, Humanities Core course

3 ~~Core from areas a, b, c, d or e (as needed)~~

## **15-16 Semester Hours**

### **Spring Semester Year 1**

3 ENGL 1023 Composition II

3 †~~MATH 2043, 2053, 2183, 2554 or Core from areas a, b, c, d or e (as needed)~~ Fine Arts, Humanities Core course

4 ~~ANTH 1013/1011L Introduction to Biological Anthropology and Laboratory~~ Science Core course and accompanying laboratory

3 ~~Core from areas a, b, c, d or e (as needed)~~ Social Science Core course

3 ~~Core from areas a, b, c, d or e (as needed)~~ U.S. History Core course: HIST 2003 or HIST 2013 or PLSC 2003

### **16 Semester Hours**

### **Fall Semester Year 2**

4 †† ANTH 3023/3021L Approaches to Archeology and Lab

3 ~~Core from areas a, b, c, d or e (as needed)~~ Social Science Core course

3 ~~Core from areas a, b, c, d or e (as needed)~~ General elective

3 †† ANTH cultural anthropology subfield course among 3000-4000 level classes

3 ~~Core from areas a, b, c, d or e (as needed)~~

3 General Elective

16 Semester Hours

### **Spring Semester Year 2**

3 †† ANTH biological anthropology subfield course among 3000-4000 level classes

3 †† ANTH archeology subfield course among 3000-4000 level classes

3 †† ANTH geographical area course among 3000-4000 level classes

6 †† ANTH electives among 3000-4000 level classes

3 † ~~Core from area g (if needed)~~ or † ~~Advanced Level Elective~~

3 †† ANTH Upper Level Elective

3 ~~Core from areas a, b, c, d or e (as needed)~~

3 ~~Core from areas a, b, c, d or e (as needed)~~

3 ~~General Elective~~

### **15 Semester Hours**

### **Fall Semester Year 3**

3 †† ANTH geographical area course among 3000-4000 level classes ~~Upper Level Elective~~

3-6 †† ANTH Upper Level 3000-4000 level General Electives (or 2000-level ~~Advanced level electives~~)

3 ~~Core from areas a, b, c, d or e (as needed)~~

4 ~~Core from area f (as needed)~~

3-6 ~~General Elective~~ electives

### **16-15 Semester Hours**

### **Spring Semester Year 3**

3 †† ANTH Upper Level Elective

3-6 † ~~Core from area g (if still needed)~~ or 3000-4000 level General electives (or 2000-level ~~Advanced Level Electives~~)

3-2 ~~Core from areas a, b, c, d or e (as needed)~~

3 ~~Core from areas a, b, c, d or e (as needed)~~

4 ~~Core from area f (as needed)~~ General electives

### **16-15 Semester Hours**

### **Fall Semester Year 4**

3 †† ANTH 4013 History of Anthropological Thought

3 †† ANTH Upper Level Elective

3 ~~Core from areas a, b, c, d or e (as needed)~~

3 ~~Core from areas a, b, c, d or e (as needed)~~

3 † ~~Advanced Level Elective~~ 12 General electives

## 15 Semester Hours

### Spring Semester Year 4

3 ‡† ANTH Upper Level Elective

3 † Advanced Level Elective

3 † Advanced Level Elective

3 General Elective

3-16 General Electives

## 165 Semester Hours

### 124 Total Hours

† Meets 40-hour advanced credit hour requirement. See College Academic Regulations on page 122 of this chapter

‡ Meets 24-hour rule (24 hours of 3000-4000 level courses in Fulbright College), in addition to meeting the 40-hour rule. See College Academic Regulations on page 122 of this chapter.

**Requirements for a Minor in Anthropology:** 15 hours including ANTH 1023. At least 9 hours must be in courses numbered 3000 or above. Students who minor in anthropology should consult with an anthropology adviser to select appropriate courses. A student must notify the department of his or her intent to minor.

**Requirements for a Combined Major in Anthropology/Sociology:** 36 hours with a minimum of 15 hours in each subject, to include SOCI 2013, SOCI 3303 (or a course in statistics), SOCI 3313, and SOCI 4023 and ANTH 1013, ANTH 1011L, ANTH 1023, ANTH 3023/3021L, and ANTH 4013. Additional courses are to be selected in consultation with a representative of the field concerned.

## Anthropology/Sociology Eight-Semester Degree Program

### Fall Semester Year 1

3 ENGL 1013 Composition I

3 MATH 1203 (If required) or †MATH 2043, 2053, 2183 or 2554

3 ANTH 1023 Introduction to Cultural Anthropology

3 ~~Core from areas a, b, c or d (as needed)~~ Fine Arts, Humanities Core course

3 ~~Core from areas a, b, c or d (as needed)~~ Social Science Core course

### 15 Semester Hours

### Spring Semester Year 1

3 ENGL 1023 Composition II

4 ANTH 1013/1011L Introduction to Biological Anthropology and Lab

3 SOCI 2013 General Sociology

3 †MATH 2043, 2053, 2183 or 2554 as needed or General elective ~~or Core from areas a, b, c, or d (as needed)~~

3 ~~Core from areas a, b, c or d (as needed)~~ U.S. History Core course: HIST 2003 or HIST 1013 or PLSC 2003

### 16 Semester Hours

### Fall Semester Year 2

4 ‡† ANTH 3023/3021L Approaches to Archaeology and Lab

3 Fine Arts, Humanities Core course from areas a, b, c or d (as needed)

3 ~~Core from areas a, b, c or d (as needed)~~ General elective

3 ~~Core from areas a, b, c or d (as needed)~~ General elective

3 General Elective

### 16 Semester Hours

### Spring Semester Year 2

3 ‡† SOCI or ANTH 3000-4000 Level Elective

3 † Core from area g (if needed) or † Advanced Level Elective

3 ~~Core from areas a, b, c or d (as needed)~~ † Advanced Level Elective

3 ~~Core from areas a, b, c or d (as needed)~~ † Advanced Level Elective

4 Science Core course and accompanying laboratory from area f (as needed)

### **16 Semester Hours**

#### **Fall Semester Year 3**

4 ‡† SOCI 3303/3301L Social Data & Analysis and Lab

3 † ~~Core from area g (if needed)~~ or † Advanced Level Elective

3 † Advanced Level Elective Core from areas a, b, c or d (as needed)

~~3-5 Core from areas a, b, c or d (as needed)~~ General Electives

~~2 General Elective~~

### **16 Semester Hours**

#### **Spring Semester Year 3**

3 ‡† SOCI 3313 Social Research

3 ‡† ~~SOCI~~ or ANTH or SOCI 3000-4000 Level Elective (as needed)

~~3-10 General electives Core from areas a, b, c or d (as needed)~~

~~3 Core from areas a, b, c or d (as needed)~~

~~4 Core from area f (as needed)~~

### **16 Semester Hours**

#### **Fall Semester Year 4**

3 ‡† ANTH 4013 History of Anthropological Thought

3 ‡† SOCI 4023 Social Theory

~~3 Core from areas a, b, c or d (as needed)~~

~~3 General Elective~~

~~3-9 General Electives~~

### **15 Semester Hours**

#### **Spring Semester Year 4**

3 ‡† ANTH or SOCI 3000-4000 Level Elective

~~3 † Advanced Level Elective~~

~~3 † Advanced Level Elective~~

~~3-12 General Electives~~

~~3 General Elective~~

### **15 Semester Hours**

### **124 Total Hours**

† Meets 40-hour advanced credit hour requirement. See College Academic

Regulations on page 122 of this chapter

‡ Meets 24-hour rule (24 hours of 3000-4000 level courses in Fulbright College),

in addition to meeting the 40-hour rule. See College Academic Regulations on

page 122 of this chapter.

**~~Cartography/Remote Sensing/GIS Specialization:~~** ~~This program gives students an opportunity to develop expertise in (1) cartography, map design and computer-assisted map production, (2) remote sensing and image interpretation, including photographic systems, sensor systems, and digital image processing, and (3) geographic information systems, including data sources, analytical techniques, and hardware/software systems.~~

~~To complete the specialization, a student is required to fulfill certain course requirements.~~

~~Required Courses (9 hours):~~ GEOG 3023, GEOS 4413, and GEOS 3543 (same as ANTH 3543)

~~Elective Courses (9 hours to be selected from the following):~~

~~GEOG 4523, GEOL 5423, GEOG 4553 (same as ANTH 4553), GEOG 4563 (same as ANTH 4563), GEOG 4573 (same as ANTH 4573), GEOG 4593 (same as ANTH 4593), STAT 4003~~

~~(or other approved statistics course), CVEG 2053 (or other approved surveying course), CENG 4883~~

For the combined major in Anthropology and African-American Studies, see the African-American Studies listing.

For requirements for the M.A. and Ph.D. degrees in anthropology, see the *Graduate School Catalog*.

**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 2B

### LETTER OF NOTIFICATION – 3

#### NEW OPTION, CONCENTRATION, EMPHASIS

(Maximum 18 semester credit hours of new theory courses and 6 credit hours of new practicum courses)

1. Institution submitting request: University of Arkansas, Fayetteville
2. Contact person/title: Nancy Talburt
3. Phone number/e-mail address: (479) 575-2151 / [netal@uark.edu](mailto:netal@uark.edu)
4. Proposed effective date: Fall 2011
5. Title of degree program: Bachelor of Arts, Anthropology
6. CIP Code: 45.0201
7. Degree Code: 1230
8. Proposed option/concentration/emphasis name: Specialization in Archeology
9. Reason for proposed action:

Anthropology is a broad discipline, which encompasses three distinct fields here at the University of Arkansas: archeology, biological anthropology and cultural anthropology. Optional specializations in these three fields would provide students with guidance in course choices to meet the needs of their specific interests.

10. New option/concentration/emphasis objective: This specialization will provide more intensive study and training in the methods and theories of archeology.
11. Provide the following:
  - a. List of required courses

In addition to the anthropology BA major requirements (though up to 6 hours of ANTH courses taken for a specialization may count as electives for the ANTH major requirements), this specialization requires the following:

1. **Three** of the following method and theory courses or equivalent classes offered under ANTH 3903 and ANTH 4903, approved as having an archeological method and theory focus (9 credits).

ANTH 4093	Archeology of Death
ANTH 4353	Laboratory Methods in Archeology
ANTH 4443	Cultural Resource Management
ANTH 4603	Landscape Archeology
ANTH 4633	Archeological Prospecting and Remote Sensing
ANTH 4813	Ethnographic Approaches to the Past
ANTH 4803	Historical Archeology

2. Archeological Field Session (6 credits)

ANTH 4256

b. New course descriptions  
None.

c. Program goals and objectives

The discipline of anthropology is characterized by its breadth and the diversity of its subfield specializations. Students who major in anthropology (Bachelor of Arts) should gain basic knowledge in the three subfields of cultural anthropology, biological anthropology, and archeology. Students should learn to think holistically and comparatively about humans and their evolutionary relatives.

d. Expected student learning outcomes

By graduation, students in anthropology (Bachelor of Arts) should be able to:

1. Articulate knowledge of the breadth of anthropology, including its main subfields and its ties to the sciences and the humanities.
2. Explain and apply scientific reasoning, including an understanding of how evolutionary theory applies to human and nonhuman primate variation in the past and present.
3. Demonstrate how anthropological skills are applicable to present-day concerns such as racism, ethnocentrism, sexism, and anthropocentrism.
4. Demonstrate how anthropological insights provide the tools for valuing a diverse range of human behaviors and adaptations.

12. Will the new option be offered via distance delivery? No.

13. Mode of delivery to be used: Traditional lecture.

14. Explain in detail the distance delivery procedures to be used: N/A

15. Is the degree approved for distance delivery? N/A

16. List courses in option/concentration/emphasis. Include course descriptions for new courses.

In addition to the anthropology BA major requirements (though up to 6 hours of ANTH courses taken for a specialization may count as electives for the ANTH major requirements), this specialization requires the following:

1. **Three** of the following method and theory courses or equivalent classes offered under ANTH 3903 and ANTH 4903, approved as having an archeological method and theory focus (9 credits).

ANTH 4093	Archeology of Death
ANTH 4353	Laboratory Methods in Archeology
ANTH 4443	Cultural Resource Management
ANTH 4603	Landscape Archeology
ANTH 4633	Archeological Prospecting and Remote Sensing
ANTH 4813	Ethnographic Approaches to the Past
ANTH 4803	Historical Archeology

2. Archeological Field Session (6 credits)

ANTH 4256

(No new courses in this list.)

17. Specify the amount of the additional costs required, the source of funds, and how funds will be used.

No additional costs anticipated, as these are already courses offered at the UA.

Board of Trustees Approval Date:

Chief Academic Officer

Date:



## ATTACHMENT 2C

### LETTER OF NOTIFICATION – 3

#### NEW OPTION, CONCENTRATION, EMPHASIS

(Maximum 18 semester credit hours of new theory courses and 6 credit hours of new practicum courses)

1. Institution submitting request: University of Arkansas, Fayetteville
2. Contact person/title: Nancy Talburt
3. Phone number/e-mail address: (479) 575-2151 / [netal@uark.edu](mailto:netal@uark.edu)
4. Proposed effective date: Fall 2011
5. Title of degree program: Bachelor of Arts, Anthropology
6. CIP Code: 45.0201
7. Degree Code: 1230
8. Proposed option/concentration/emphasis name: Specialization in Biological Anthropology
9. Reason for proposed action:

Anthropology is a broad discipline, which encompasses three distinct fields here at the University of Arkansas: archeology, biological anthropology and cultural anthropology. Optional specializations in these three fields would provide students with guidance in course choices to meet the needs of their specific interests.

10. New option/concentration/emphasis objective: This concentration will provide more intensive study and training in the methods and theories of biological anthropology.
11. Provide the following:
  - a. List of required courses

In addition to the anthropology BA major requirements (up to 6 hours of ANTH courses taken for the specialization may count as electives for the ANTH major requirements), this specialization requires the following:

**Four** of the following courses in biological anthropology, including any 3000-4000 special topics or seminar courses offered that are deemed appropriate for training in any of the subdisciplines of biological anthropology (12-13 credits).

ANTH 3423/3421L	Human Osteology
ANTH 3433	Human Evolution
ANTH 3443	Criminalistics
ANTH 3533	Medical Anthropology
ANTH 3923H	Primate Behavioral Ecology (open to majors)
ANTH 4523	Dental Science
ANTH 4631	Primate Adaptation and Evolution

b. New course descriptions  
None.

c. Program goals and objectives

The discipline of anthropology is characterized by its breadth and the diversity of its subfield specializations. Students who major in anthropology (Bachelor of Arts) should gain basic knowledge in the three subfields of cultural anthropology, biological anthropology, and archeology. Students should learn to think holistically and comparatively about humans and their evolutionary relatives.

d. Expected student learning outcomes

By graduation, students in anthropology (Bachelor of Arts) should be able to:

1. Articulate knowledge of the breadth of anthropology, including its main subfields and its ties to the sciences and the humanities.
2. Explain and apply scientific reasoning, including an understanding of how evolutionary theory applies to human and nonhuman primate variation in the past and present.
3. Demonstrate how anthropological skills are applicable to present-day concerns such as racism, ethnocentrism, sexism, and anthropocentrism.
4. Demonstrate how anthropological insights provide the tools for valuing a diverse range of human behaviors and adaptations.

12. Will the new option be offered via distance delivery? No.

13. Mode of delivery to be used: Traditional lecture.

14. Explain in detail the distance delivery procedures to be used: N/A

15. Is the degree approved for distance delivery? N/A

16. List courses in option/concentration/emphasis. Include course descriptions for new courses.

In addition to the anthropology BA major requirements (up to 6 hours of ANTH courses taken for a specialization may count as electives for the ANTH major requirements), this specialization requires the following:

**Four** of the following courses in biological anthropology, including any 3000-4000 special topics or seminar courses offered that are deemed appropriate for training in any of the subdisciplines of biological anthropology (12-13 credits).

ANTH 3423/3421L	Human Osteology
ANTH 3433	Human Evolution
ANTH 3443	Criminalistics
ANTH 3533	Medical Anthropology
ANTH 3923H	Primate Behavioral Ecology (open to majors)
ANTH 4523	Dental Science
ANTH 4631	Primate Adaptation and Evolution

(No new courses in this list.)

17. Specify the amount of the additional costs required, the source of funds, and how funds will be used.

No additional costs anticipated, as these are already courses offered at the UA.

Board of Trustees Approval Date:

Chief Academic Officer

Date:

## ATTACHMENT 2D

### LETTER OF NOTIFICATION – 3

#### NEW OPTION, CONCENTRATION, EMPHASIS

(Maximum 18 semester credit hours of new theory courses and 6 credit hours of new practicum courses)

1. Institution submitting request: University of Arkansas, Fayetteville
2. Contact person/title: Nancy Talburt
3. Phone number/e-mail address: (479) 575-2151 / [netal@uark.edu](mailto:netal@uark.edu)
4. Proposed effective date: Fall 2011
5. Title of degree program: Bachelor of Arts, Anthropology
6. CIP Code: 45.0201
7. Degree Code: 1230
8. Proposed option/concentration/emphasis name: Specialization in Cultural Anthropology
9. Reason for proposed action:

Anthropology is a broad discipline, which encompasses three distinct fields here at the University of Arkansas: archeology, biological anthropology and cultural anthropology. Optional specializations in these three fields would provide students with guidance in course choices to meet the needs of their specific interests.

10. New option/concentration/emphasis objective: This concentration will provide more intensive study and training in the methods and theories of cultural anthropology.
11. Provide the following:
  - a. List of required courses

In addition to the anthropology BA major requirements (up to 6 hours of ANTH courses taken for a specialization may count as electives for the ANTH major requirements), this specialization requires the following:

1. Students must take a world language through the 2013 level (up to 12 credits).
2. Two of the following method and theory courses or equivalent classes offered under ANTH 3903 and ANTH 4903 approved as having a cultural anthropology method and theory focus (6 credits).

ANTH 3123	The Anthropology of Religion
ANTH 3143	Language and Expressive Culture
ANTH 3163	Male and Female: A Cultural and Biological Overview
ANTH 3533	Medical Anthropology
ANTH 4033	Popular Culture
ANTH 4143	Ecological Anthropology
ANTH 4363	Museums, Material Culture, and Popular Imagination

ANTH 4813 Ethnographic Approaches to the Past

b. New course descriptions  
None.

c. Program goals and objectives

The discipline of anthropology is characterized by its breadth and the diversity of its subfield specializations. Students who major in anthropology (Bachelor of Arts) should gain basic knowledge in the three subfields of cultural anthropology, biological anthropology, and archeology. Students should learn to think holistically and comparatively about humans and their evolutionary relatives.

d. Expected student learning outcomes

By graduation, students in anthropology (Bachelor of Arts) should be able to:

1. Articulate knowledge of the breadth of anthropology, including its main subfields and its ties to the sciences and the humanities.
2. Explain and apply scientific reasoning, including an understanding of how evolutionary theory applies to human and nonhuman primate variation in the past and present.
3. Demonstrate how anthropological skills are applicable to present-day concerns such as racism, ethnocentrism, sexism, and anthropocentrism.
4. Demonstrate how anthropological insights provide the tools for valuing a diverse range of human behaviors and adaptations.

12. Will the new option be offered via distance delivery? No.

13. Mode of delivery to be used: Traditional lecture.

14. Explain in detail the distance delivery procedures to be used: N/A

15. Is the degree approved for distance delivery? N/A

16. List courses in option/concentration/emphasis. Include course descriptions for new courses.

In addition to the anthropology BA major requirements (up to 6 hours of ANTH courses taken for a specialization may count as electives for the ANTH major requirements), this specialization requires the following:

1. Students must take a world language through the 2013 level (up to 12 credits).
2. Two of the following method and theory courses or equivalent classes offered under ANTH 3903 and ANTH 4903 approved as having a cultural anthropology method and theory focus (6 credits).

ANTH 3123	The Anthropology of Religion
ANTH 3143	Language and Expressive Culture
ANTH 3163	Male and Female: A Cultural and Biological Overview
ANTH 3533	Medical Anthropology
ANTH 4033	Popular Culture
ANTH 4143	Ecological Anthropology
ANTH 4363	Museums, Material Culture, and Popular Imagination
ANTH 4813	Ethnographic Approaches to the Past

(No new courses in this list.)

17. Specify the amount of the additional costs required, the source of funds, and how funds will be used.

No additional costs anticipated, as these are already courses offered at the UA.

Board of Trustees Approval Date:

Chief Academic Officer

Date:

**University Course and Programs Committee**  
**28-May-10**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

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

School of Human Environmental Sciences

FHNHBS - BSHES, Foods, Human Nutrition and Hospitality ( Concentration in Hospitality & Restaurant Management) - Attachment 1A

Proposal requests to delete six required courses and two hours of PEAC or DEAC courses. These changes result in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. There are several other changes described in Section V of Attachment 1A.

**TABLE TWO**

**Fulbright College of Arts and Sciences**

Department of Anthropology

ANTHBA - BA, Anthropology - Attachments 2A through 2D

Proposal requests to increase the required hours for the major from 30 to 35 and add three new specializations - Archeology, Biological Anthropology and Cultural Anthropology as specified in Section V of Attachment 2A.

ANTHBS - BS, Anthropology - Attachments 2E and 2F

Proposal requests to add new program as specified in Sections VI and VII of Attachment 2E.

Department of Biological Sciences

BIOLBA - BA, Biology - Attachments 2G and 2H

Proposal requests eight major changes to the curriculum as specified in Section V of Attachment 2G.

## **PAGE TWO**

BIOLBS - BS, Biology - Attachments 2I and 2J

Proposal requests the elimination of BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499 and BIOL 499VH. Changes are further described in Section V of Attachment 2I.

BIOL-M - Minor in Biology - Attachment 2K

Proposal requests to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology core course may be selected as one of the electives as specified in Section V of Attachment 2K.

## **TABLE THREE** **Walton College of Business**

Walton College of Business Dean

WERP-M - Minor in Enterprise Resource Planning - Attachment 3A

Proposal requests to substitute ACCT 2013 for ACCT 3723 and add ISYS 4293, ISYS 4453 and TLOG 3623 as choices from which courses can be selected as specified in Section V of Attachment 3A.

Department of Marketing and Logistics

TRNSBS - BSBA, Transportation - Attachment 3B

Proposal requests to delete ECON 4653 and replace it with ECON 3853; add four ISYS courses to those acceptable to fulfill the information systems collateral requirement and rename the remaining course to be consistent with Information Systems Department curriculum change as specified in Section V of Attachment 3B.



**PAGE THREE**

**TABLE FOUR**

**College of Education and Health Professions**

Department of Curriculum and Instruction

PCHEd - Pre-Code for BSE, Childhood Education - Attachments 4A and 4B

Proposal requests to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted into the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow a more accurate identification of these students and allow for improved advising as specified in Section V of Attachment 4A.

**TABLE FIVE**

**GRADUATE PROGRAM CHANGES**

Eleanor Mann School of Nursing

NURSMS - MSN, Nursing - Attachment 5A through 5D

Proposal requests to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. Descriptions for these concentrations are specified in Section V of Attachments 5A and 5B.

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: [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

College, School, Division ARSC

Department Code ANTH

Current Code (6 digit Alpha)

Proposed Code (6 digit Alpha) ANTHBS

Prior approval from the Office of the Registrar is required.

[ ] Interdisciplinary Program

CIP Code 45.0201

Prior assignment from Office of Institutional Research is required.

Proposed Name Bachelor of Science in Anthropology

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

SECTION III: Add a New Program/Unit

[X] 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:

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 Department of Anthropology responds to more than 200 inquiries each year from high school or college students who are interested in majoring in anthropology. One of the first questions students ask is "What can I do with an Anthropology major?" Based on: 1) results of surveys of 40 senior Anthropology majors in our required capstone course, History of Anthropological Thought, 2) surveys conducted by the American Anthropological Association, 3) information about health status in Arkansas, and 4) interviews with five Arkansas physicians, we find that we could add value to our Anthropology major at no cost by adding a B.S. option to our 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.**

#### **Bachelor of Science in Anthropology**

The department of anthropology offers the Bachelor of Science degree in anthropology. The Bachelor of Science degree program is geared toward students with specializations in anthropological sciences. It is recommended for students planning to continue their education in basic or applied anthropological sciences in graduate or professional school. A BS degree in anthropology is also useful students planning to continue their education toward health or medical related careers.

**Requirements for a B.S. Degree with a Major in Anthropology.** A minimum of 124 hours is required, including 55 hours specified as designated below.

1. Required Anthropology Core Courses. ANTH 1013/1011L, Introduction to Biological Anthropology and Laboratory, ANTH 1023 Introduction to Cultural Anthropology, ANTH 3023/3021L Approaches to Archeology and Laboratory, and ANTH 4013 History of Anthropological Thought.
2. Anthropology Electives. 15 hours selected from courses numbered 3000 or higher.
3. Science. A minimum of 20 hours of electives from BIOL, CHEM, GEOL, and/or PHYS.
4. Math. Minimum of 6 hours of math beyond College Algebra (MATH 1023) selected from among the following courses: MATH 1213 Plane Trigonometry or MATH 1284C Precalculus Mathematics, MATH 2554 Calculus I, MATH 2564 Calculus II or STAT 2303 Principles of Statistics.

The following courses that are strongly recommended for those students pursuing a health or medical-related career: ANTH 3423/3421L Human Osteology, BIOL 1603/1601L Principles of Zoology, BIOL 2013/2011L General Microbiology, BIOL 2213/2211L Human Physiology, BIOL 2323/2321L General Genetics, BIOL 2443/2441L Human Anatomy, BIOL 3023 Evolutionary Biology, BIOL 3404 Comparative Vertebrate Morphology, BIOL 4234 Comparative Physiology, BIOL 4263 Cell Physiology, BIOL 4713/4711L Immunology, CHEM 3603/3601L Organic Chemistry, and CHEM 3813 Introduction to Biochemistry.

8-semester Plan:

#### **Fall Semester Year 1**

- 4 ANTH 1013/101L Introduction to Biological Anthropology
- 3 ENGL 1013 Composition I
- 3 MATH 1203 College Algebra (if required) or MATH 1284C or MATH †2554
- 3 ANTH 1023 Introduction to Cultural Anthropology
- 3 Fine Arts, Humanities Core course

**16**

#### **Spring Semester Year 1**

- 3 ENGL 1023 Composition II
- 4 MATH 1284C Precalculus Mathematics or †MATH 2554 Calculus I
- 4 Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS
- 3 U.S. History Core: HIST 2003 or HIST 2013 or PLSC 2003
- 3 Social Science Core course

**17**

#### **Fall Semester Year 2**

- 4 †Math 2554 Calculus I (if not previously met) or †MATH 2564 or †STAT 2303
- 3 Fine Arts, Humanities Core course
- 4 Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS
- 4 Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS

**15**

#### **Spring Semester Year 2**

- 4 Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS
- 4 †‡ ANTH 3023/3021L Approaches to Archeology
- 3 ENGL 2003 Advanced Composition (as needed) or elective
- 3 Social Science Core

**14**

#### **Fall Semester Year 3**

- 3 †‡ ANTH electives among 3000-4000-level classes
- 3 †‡ ANTH electives among 3000-4000-level classes
- 3 †‡ 3000-4000-level Fulbright College electives
- 6 General electives

**15**

**Spring Semester Year 3**

3 †‡ ANTH electives among 3000-4000-level classes  
3 †‡ ANTH electives among 3000-4000-level classes  
3 †‡ ANTH elective among 3000-4000-level classes  
3 †3000-4000-level general electives  
4 Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS  
**16**

**Fall Semester Year 4**

3 †‡ ANTH 4013 History of Anthropological Thought  
12 †3000-4000-level General electives  
**15**

**Spring Semester Year 4**

16 General electives  
**16**

**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 2F  
PROPOSAL – 1  
NEW CERTIFICATE OR DEGREE PROGRAM**

I. PROPOSED PROGRAM TITLE : Bachelor of Science in Anthropology

2. CIP CODE REQUESTED: **45.0201**

3. CONTACT PERSON: Nancy Talburt, Vice Provost-Academic Affairs

[netal@uark.edu](mailto:netal@uark.edu)

479-575-2151

4. PROPOSED STARTING DATE: August 2012

5. PROGRAM SUMMARY

Major universities increasingly recognize the need to offer anthropology majors the option to pursue either a Bachelor of Arts or a Bachelor of Science degree. B.S. degree programs are geared toward students with specializations in biological anthropology and archeology, and provide rigorous training in the natural sciences and mathematics. Students with B.S. degrees in anthropology are particularly competitive for careers in medical and allied health professions, the federal government, and increasingly, in research and development divisions of large multinational corporations such as Proctor and Gamble, Intel, IBM, General Electric and Whirlpool.

A B.S. degree in Anthropology would be supported by existing faculty members in the Departments of Anthropology, Biology, Chemistry, Mathematical Science, Physics, Geosciences, and the Division of Agriculture. ***Adding a B.S. option would come at no cost to UAF.*** It would involve only redistribution of resources, and no new faculty, facilities, or equipment purchase.

The American Anthropological Association reports that 93 departments of anthropology offer a Bachelor of Science option to their majors (see attachment). ***Our department needs a B.S. option to remain competitive with our peers. Students in the State of Arkansas need a B.S. option to remain competitive with their peers.***

6. NEED FOR PROGRAM

The Department of Anthropology responds to more than 200 inquiries each year from high school or college students who are interested in majoring in anthropology. One of the first questions students ask is "What can I do with an Anthropology major?" Based on: 1) results of surveys of 40 senior Anthropology majors in our required capstone course, *History of Anthropological Thought*, 2) surveys conducted by the American Anthropological Association, 3) information about health status in Arkansas, and 4) interviews with five Arkansas physicians, we find that we could add value to our Anthropology major at no cost by adding a B.S. option to our major.

**The B.S. option would increase student competitiveness** for graduate school, medical and other health-related professions, state and federal government positions, and positions with private firms by giving students increased exposure to research design, scientific methods, and analytical thinking.

**Health Care.** The most sensitive indicator of the health status of a population is its infant mortality rate. Arkansas' infant mortality rate (7.8 per 1,000 population) is more than double the national average of 3.2/1,000. Arkansas' dental health, levels of obesity, disability, mental health, and poor preventive health practices cry out for interventions. Children's health indicators in the State are particularly troubling. Forty percent of the State's children grow up in households where no one has a high school education. Effective programs must address issues of cultural diversity and be sensitive to differences in understandings. In Springdale, English is not the first language for 40 percent of the students in the public school system. A medical anthropologist, Deborah Erwin, at UAMS designed a program targeted at African American women in eastern Arkansas whose cultural beliefs about breast cancer led them to neglect screenings and other diagnostic and preventive health measures.

One fourth year medical student at UAMS felt strongly that her sensitivity to the Spanish-speaking population in Arkansas helped her give her a competitive edge when she interviewed for medical school. In her interview, she demonstrated that she empathized with immigrant populations who find navigating the health care system particularly perplexing. She recognized that standard medical categories may not reflect the disease categories used by Spanish-speaking patients.

A resident physician who majored in Biology at Hendrix College said, "I wish that I had majored in Anthropology." "I had no idea that I would deal with cultural differences on a daily basis. Many of the physicians that I work with are from India or the Middle East. I need to understand their perspectives. And, of course, I work with patients from all sorts of cultural and class backgrounds."

A prominent UAMS graduate who is now a brain surgeon practicing in New York City said, "I got interested in medicine when I excavated burials and studied how skeletons reflected diet and health."

A practicing anesthesiologist commented that, "I think that if I'd studied anthropology, I'd be more understanding of non-compliance; I think I'd understand my patients better. I bet I'd understand health care policy better, too."

Medical and allied health professionals with a B.S. degree in Anthropology will be sensitive to cultural practices, but they will also be trained to understand evidence-based medicine. Advanced courses in mathematics and the sciences will train students to conduct medical research in epidemiology.

A survey reported by Texas State University (available from their web site) showed that ***nationwide, students who receive B.S. degrees in Anthropology have higher rates of acceptance in to medical schools than students who major in either Chemistry or Biology.*** B.S. Anthropology majors not only fulfill the courses pre-requisite for medical or dentistry schools but also receive training in human osteology, forensics, and evolutionary anthropology. A B.S. degree focused in biological anthropology is useful in applied health, and medicine; it is also useful epidemiology, public health, and graduate

programs in human biology and biological anthropology. Increasing the number of medical professionals is a critical need both on the state and national levels.

Dr. Jerome C. Rose has long been the advisor for pre-dental students at the University of Arkansas. Because Arkansas does not have a school of dentistry, Dr. Rose has developed links with dental schools in other states. Dr. Rose estimates that he has helped to place at least 100 students in dental schools in the past two decades. Dr. Rose regularly teaches a course in dental anthropology. Courses in evolutionary anthropology, medical anthropology, osteology, and human evolution are regularly taught by Professors Justin Nolan, Michael Plavcan and Peter Ungar. Three of these offerings are already cross-listed in the Department of Biological Sciences.

**State and Federal Government.** A recent article in the National Association of Professional Anthropology Bulletin (Fisk, 2008 *NAPA bulletin* 29: 110-130) reported that the federal government is the largest employer of anthropologists outside academia. Anthropologists are particularly well represented in the U.S. Census Bureau, National Park Service, National Marine Fisheries Service, Centers for Disease Control and Prevention(CDC), and USAID.

Long-time University of Arkansas Professors Charles R. McGimsey and Hester A. Davis, anthropology faculty members and founders of the Arkansas Archeological Survey, were instrumental in creating federal legislation in the late 1960s that ensured that any earth-moving project that involved federal monies would be accompanied by an archeological survey. The department enjoys a superb reputation in the fields of cultural resource management, collections management, and computer applications to archeology.

UAF has a strong state-based organization, the Arkansas Archeological Survey, that provides part-time employment, internships, and field experiences for our students. Arkansas Archeological Survey (ASS) Archeologists offer classes, internship opportunities, and summer field schools. These Ph.D.-level archeologists supplement the training that our department faculty provides. Archeology students also are encouraged to take courses in geosciences, physics, statistics, and mathematics. Our faculty already provides nationally recognized training in using geophysical techniques such as noninvasive electrical and magnetic testing and surveying. Archeologists collaborate with faculty in other fields to build virtual 3-D models and computer graphic models of ancient communities to simulate past living conditions. These models can show the effects of various changing environmental factors. Archeologists collaborate with zoologists (paleozoology) botanists (paleobotany) and require training in fields like soil and sediment analysis to date and reconstruct lifeways. Engineering and consulting firms and government organizations provide employment for our students. Starting salaries in these firms range from \$30,000-\$40,000.

Fiske (2008:118) estimates that there are nearly 1200 archeologists employed by the federal government. Furthermore, "The employment trends are positive and dramatic...each federal department and agency is responsible for ensuring that its actions, or those it permits, licenses, or funds do not destroy significant archeological resources..." The National Park Service is likely to lose



archeologists to retirement in the next five years. New archeologists are likely to be hired as a GS-7 or GS-9 and expect to work up to a 9, 11, or 12.

The recommendations of the 9/11 Commission opened opportunities for anthropologists to provide information for the military and defense, particularly in Iraq and Afghanistan. The Department of Defense hires both archeologists and cultural anthropologists. Anthropologists may be embedded with combat troops. This work, although well paid, is dangerous and creates ethical dilemmas for anthropologists who question how their research will be used..

**Private Industry.** The web site for the American Anthropological Association links a number of articles that detail how multinational corporations use anthropologists in their research and development efforts. Wal-Mart, for example, has used anthropologists to conduct marketing surveys, to manage focus groups, and to assess the traffic patterns and store layouts. Intel has used anthropologists to help develop low-cost microprocessors amenable to the needs of the populations of India and China. These positions may be permanent or temporary.

## 7. CURRICULUM OUTLINE

The following are our proposed requirements for a B.S. degree in Anthropology:

### **Required Anthropology Core Courses: 14 hours**

ANTH 1013/1011L	Introduction to Biological Anthropology
ANTH 1023	Cultural Anthropology
ANTH 3023/3021L	Approaches to Archeology
ANTH 4013	History of Anthropological Thought

### **Anthropology Electives : 15 hours selected from 3000-4000 level ANTH courses**

### **Science: 20 hours taken from BIOL, CHEM, GEOL, or PHYS**

### **Math: 6 hours of math beyond college algebra (MATH 1023) from among the following courses:**

MATH 1213	Plane Trigonometry
MATH 1284C	Precalculus Mathematics
MATH 2554	Calculus I
MATH 2564	Calculus II
STAT 2303	Principles of Statistics

**Total requirements 55 hours (40-44 hours above the university core, depending on math placement)**

### **Sample Eight Semester Plan for Students in the B.S. in Anthropology**

#### **Fall Semester Year 1 (16 hours)**

4 ANTH 1013/1011L Introduction to Biological Anthropology

- 3 ENGL 1013 Composition I
- 3 MATH 1203 College Algebra (if required) or MATH 1284C or MATH †2554
- 3 ANTH 1023 Introduction to Cultural Anthropology
- 3 Fine Arts, Humanities Core course

**Spring Semester Year 1 (17 hours)**

- 3 ENGL 1023 Composition II
- 4 MATH 1284C Precalculus Mathematics or †MATH 2554 Calculus I
- 4 Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS
- 3 U.S. History Core: HIST 2003 or HIST 2013 or PLSC 2003
- 3 Social Science Core course

**Fall Semester Year 2 (15 hours)**

- 4 †Math 2554 Calculus I (if not previously met) or †MATH 2564 or STAT †2303
- 3 Fine Arts, Humanities Core course
- 4 Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS
- 4 Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS

**Spring Semester Year 2 (14 hours)**

- 4 Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS
- 4 †‡ANTH 3023/3021L Approaches to Archeology
- 3 ENGL 2003 Advanced Composition (as needed) or elective
- 3 Social Science Core

**Fall Semester Year 3 (15 hours)**

- 3 †‡ANTH electives among 3000-4000-level classes
- 3 †‡ANTH electives among 3000-4000-level classes
- 3 †‡3000-4000-level Fulbright College electives
- 6 General Electives

**Spring Semester Year 3 (16 hours)**

- 3 †‡ANTH electives among 3000-4000-level classes
- 3 †‡ANTH electives among 3000-4000-level classes
- 3 †‡ANTH elective among 3000-4000-level classes
- 3 †3000-4000-level General Electives (or 2000-level that meets University's 40-hour rule)
- 4 Science elective and accompanying laboratory from BIOL, CHEM, GEOL or PHYS

**Fall Semester Year 4 (15 hours)**

- 3 †‡ANTH 4013 History of Anthropological Thought
- 12 †3000-4000-level General Electives (or 2000-level that meets University's 40-hour rule)

**Spring Semester Year 4 (16 hours)**

- 16 General Electives

Course Currently Offered via Distance Technology: ANTH 1013/1011L Introduction to Biological Anthropology

***No new courses are being proposed***

No special program admission requirements are involved in this program.

Course learning outcomes and course examination procedures will be determined by individual faculty.

The standard course evaluation form (the Purdue form) will be used to by students (see attached).

8. FACULTY.

All faculty members in the Department of Anthropology would participate in the B.S. program. Our natural scientists would form the core of this program.

Core faculty

**Dr. Jesse Casana.** Assistant Professor. Ph.D. Chicago 2003. Landscape archaeology, geoarchaeology, Near East and Mediterranean, human-environment relationships.

**Dr. Marvin Kay.** Professor. Ph.D. University of Colorado 1975. Primitive technology, lithic, microscopic use-wear, Quaternary, Ozark highlands, Great Plains, Old World Paleolithic.

**Dr. Kenneth Kvamme.** Professor, Ph.D. University of California-Santa Barbara 1983. GIS, geophysics, remote sensing, quantitative analysis, settlement archeology; Great Plains, Western U.S.

**Dr. W. Fredrick Limp.** University Professor. Ph.D. Indiana 1983. Computer applications, economic anthropology, Midwestern archeology.

**Dr. Justin Nolan.** Assistant Professor, Ph.D. University of Missouri 2000. Ethnobiology, ecological anthropology, applied linguistics, folklife studies, North American cultures.

**Dr. J. Michael Plavcan.** Associate Professor. Ph.D. Duke University 1990. primate and human evolution, sexual dimorphism, comparative analysis, morphometrics and 3-D image analysis.

**Dr. Jerome Rose.** Professor . Ph.D. University of Massachusetts-Amherst 1973. Bioarcheology and dental anthropology, Egypt, Jordan, Southeast and Midwest.

**Dr. George Sabo III.** Professor. Ph.D. Michigan State 1981. Arkansas Archeological Survey, Southeast U.S. ethnohistory, European exploration and colonization in the South, Southeastern Indians.

**Dr. Peter Ungar.** Professor and Chairman. Ph.D. State University New York-Stony Brook 1992. Human origins, primate evolution, dental microwear, functional anatomy, computer image analysis, feeding ecology of living primates.

**Dr. W. Rex Weeks.** Assistant Professor. Ph.D. Arizona State 2009. Rupestrian Archeology, Digital/Spatial Technologies, North America, Indigenous Communities.

Other participating faculty.

**Dr. JoAnn D'Alisera.** Associate Professor. Ph.D. University of Illinois 1997. West Africa, Africans in America, Islam, American Islam, symbolic and interpretive anthropology, religion, material culture, transnational communities and identities.

**Dr. Ann Early.** Associate Professor, Arkansas Archeological Survey. Ph.D. U Massachusetts Amherst 1973. Prehistoric Caddo, Midwestern archeology, Ouachitas.

**Dr. Kirstin Erickson.** Associate Professor. Ph.D. University of Wisconsin 2000. Native Americans, Northern Mexico, sociolinguistics, gender, performance studies, U.S.-Mexico borderlands, memory, culture, narrative.

**Dr. Thomas Green.** Director, Arkansas Archeological Survey. Ph.D. Indiana University 1977. North American prehistory and ethnology, public archeology, cultural resource management.

**Dr. Robert Mainfort.** Professor, Arkansas Archeological Survey. Ph.D. Michigan State 1977. Arkansas Archeological Survey, eastern North America, mortuary studies, systematics.

**Dr. Mary Jo Schneider.** Professor. Ph.D. University of Missouri 1972. Cultural anthropology, Southern culture, history, gender.

**Dr. Ted Swedenburg.** Professor. Ph.D. University of Texas 1988. Cultural Middle East, popular culture, world music, cultural studies, transnational identities, domination and resistance.

## 9. DESCRIPTION OF RESOURCES

### **Current library resources in the field.**

The UAF library currently has sufficient resources to support a B.S. in Anthropology. In fact, it currently supports both M.A. and Ph.D. Programs in Anthropology. The UAF library houses approximately 5,500 book titles in Anthropology, subscriptions to 77 Anthropology journals (electronic and print), and subscribes to several databases of relevance to the proposed program, including Anthropological Literature, Sociological Abstracts, Medline, and PsycINFO, Web of Science, Biological Abstracts, and others.

### **Current instructional laboratory facilities.**

The department currently has two fully-equipped anthropology teaching laboratories, and many of our faculty have individual research laboratories in which undergraduate students are trained to conduct research. Our archeology laboratory facilities include excavation equipment, wet labs, artifact processing labs, advanced microscopes, topographic and geophysical surveying instruments, photographic equipment (traditional and digital), and computers. Our biological anthropology laboratory facilities include microscopes, thin-sectioning, x-ray, photographic equipment, osteological instruments, skeletal collections, morphometric and computer image analysis equipment.

#### **Computer laboratory facilities.**

Computer Labs are easily accessible in Old Main, nearby Ozark Hall, the J.B. Hunt Transport Services Inc. Center for Academic Excellence, and elsewhere. Windows pentium, Macintosh, and Unix labs are available together with state-of-the-art digitizing equipment, graphics stations, printers, plotters, and software through the [Center for Advanced Spatial Technologies](#).

#### **Classroom facilities.**

The department uses classrooms in Old Main, Old Geology, the Arkansas Union, Chemistry Building, Fine Arts Center, J.B. Hunt, Kimpel Hall, Memorial Hall, Ozark Hall, the Science and Engineering Auditorium and Science and the Engineering Building. Many of our classes are taught in “smart rooms”, and the department has five working laptop computers with projectors for those classes not taught in “smart rooms”.

***A B.S. in Anthropology would require no new resources for UAF.*** We currently have all the necessary faculty mentors, facilities, courses and other needed resources.

#### 10. NEW PROGRAM COSTS = None.

There would be no new costs to this program. We expect that some of our majors would choose the B.S. option rather than the B.A., but we do not anticipate a major increase in numbers of majors overall. Therefore, there would be no new administrative costs associated with the new program. We already offer the courses that are to be included in the BS program. The science courses to be included as options for the B.S. already exist, as do courses in biological anthropology and archeology. Some of these are cross-listed—very multidisciplinary and heavy on science—a skill set most needed for practicing archeologists and biological anthropologists. We already have the faculty, library resources, facilities, and instructional facilities

#### 11. SOURCES OF FUNDING

A B.S. in anthropology would require no new resources. All resources for the degree would be reallocated from the current B.A. program, since our majors would now be given a choice between the two.

#### 12. ORGANIZATIONAL CHART

The proposed program would be housed in the Department of Anthropology in Fulbright College of Arts and Sciences at the University of Arkansas, Fayetteville.

13. SPECIALIZED REQUIREMENTS (N/A). There is no accrediting agency for Anthropology degrees.

14. BOARD OF TRUSTEES APPROVAL

15. SIMILAR PROGRAMS

No college or university currently offers a Bachelor of Science in Anthropology in the State of Arkansas. There are no Bachelor of Science degrees offered in the region. The universities and colleges offering this degree option include:

APPALACHIAN STATE UNIVERSITY  
BALL STATE UNIVERSITY  
BATES COLL  
BAYLOR UNIVERSITY  
BINGHAMTON UNIVERSITY, STATE UNIVERSITY OF NEW YORK  
BRIDGEWATER STATE COLLEGE  
CALIFORNIA STATE POLYTECHNIC UNIVERSITY POMONA  
CENTRAL MICHIGAN UNIVERSITY  
CENTRAL WASHINGTON UNIVERSITY  
CITY UNIVERSITY OF NEW YORK HERBERT H LEHMAN COLLEGE  
CITY UNIVERSITY OF NEW YORK YORK COLLEGE  
COLLEGE OF CHARLESTON  
CORNELL COLLEGE  
DURHAM UNIVERSITY  
EASTERN NEW MEXICO UNIVERSITY  
EMORY UNIVERSITY  
FLORIDA STATE UNIVERSITY  
GRAND VALLEY STATE UNIVERSITY  
ILLINOIS STATE UNIVERSITY  
INDIANA STATE UNIVERSITY  
INDIANA UNIVERSITY OF PENNSYLVANIA  
IOWA STATE UNIVERSITY  
JAMES MADISON UNIVERSITY  
KANSAS STATE UNIVERSITY  
KENT STATE UNIVERSITY  
LAURENTIAN UNIVERSITY  
LINFIELD COLLEGE  
LONGWOOD UNIVERSITY  
LOYOLA UNIVERSITY CHICAGO  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
MERCYHURST COLLEGE  
MICHIGAN STATE UNIVERSITY  
MICHIGAN TECHNOLOGICAL UNIVERSITY  
MIDDLE TENNESSEE STATE UNIVERSITY  
MILLSAPS COLLEGE  
MINNESOTA ST U, MANKATO

MISSOURI STATE UNIVERSITY  
MONTANA STATE UNIVERSITY  
MOUNT ALLISON UNIVERSITY  
NORTH DAKOTA STATE UNIVERSITY  
NORTHERN KENTUCKY UNIVERSITY  
OHIO STATE UNIVERSITY  
OREGON STATE UNIVERSITY  
PENNSYLVANIA STATE UNIVERSITY  
PORTLAND STATE UNIVERSITY  
PURDUE UNIVERSITY  
ROCHESTER INSTITUTE OF TECHNOLOGY  
SANTA CLARA UNIVERSITY  
SOUTHERN CONNECTICUT STATE UNIVERSITY  
SOUTHERN METHODIST UNIVERSITY  
SOUTHERN OREGON UNIVERSITY  
ST CLOUD STATE UNIVERSITY  
STATE UNIVERSITY OF NEW YORK COLLEGE AT GENESEO  
SWARTHMORE COLLEGE  
TEXAS STATE UNIVERSITY - SAN MARCOS  
The College at Brockport, STATE UNIVERSITY OF NEW YORK  
THE GEORGE WASHINGTON UNIVERSITY  
TOWSON UNIVERSITY  
TRENT UNIVERSITY  
TRUMAN STATE UNIVERSITY  
TULANE UNIVERSITY  
UNIVERSITY AT ALBANY/SUNY  
UNIVERSITY OF ALASKA ANCHORAGE  
UNIVERSITY OF ALASKA FAIRBANKS  
UNIVERSITY OF CALGARY  
UNIVERSITY OF CALGARY  
UNIVERSITY OF CALIFORNIA, DAVIS  
UNIVERSITY OF CALIFORNIA, LOS ANGELES  
UNIVERSITY OF CALIFORNIA, RIVERSIDE  
UNIVERSITY OF CENTRAL MISSOURI  
UNIVERSITY OF HOUSTON  
UNIVERSITY OF IDAHO  
UNIVERSITY OF INDIANAPOLIS  
UNIVERSITY OF IOWA  
UNIVERSITY OF MICHIGAN, ANN ARBOR  
UNIVERSITY OF MONTREAL  
UNIVERSITY OF NEBRASKA-LINCOLN  
UNIVERSITY OF NEW MEXICO  
UNIVERSITY OF NEW ORLEANS  
UNIVERSITY OF NOTRE DAME  
UNIVERSITY OF OREGON  
UNIVERSITY OF SASKATCHEWAN  
UNIVERSITY OF SOUTH DAKOTA  
UNIVERSITY OF TORONTO  
UNIVERSITY OF UTAH  
UNIVERSITY OF WAIKATO

UNIVERSITY OF WINNIPEG  
UNIVERSITY OF WISCONSIN, MADISON  
UNIVERSITY OF WISCONSIN, OSHKOSH  
UNIVERSITY OF WISCONSIN-LA CROSSE  
UTAH STATE UNIVERSITY  
WESTERN CAROLINA UNIVERSITY

16. DESEGREGATION: Not applicable.

17. INSTITUTIONAL AGREEMENTS/MEMORANDUM OF UNDERSTANDING: Not applicable.



**University Course and Programs Committee**  
**28-May-10**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

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

School of Human Environmental Sciences

FHNHBS - BSHES, Foods, Human Nutrition and Hospitality ( Concentration in Hospitality & Restaurant Management) - Attachment 1A

Proposal requests to delete six required courses and two hours of PEAC or DEAC courses. These changes result in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. There are several other changes described in Section V of Attachment 1A.

**TABLE TWO**

**Fulbright College of Arts and Sciences**

Department of Anthropology

ANTHBA - BA, Anthropology - Attachments 2A through 2D

Proposal requests to increase the required hours for the major from 30 to 35 and add three new specializations - Archeology, Biological Anthropology and Cultural Anthropology as specified in Section V of Attachment 2A.

ANTHBS - BS, Anthropology - Attachments 2E and 2F

Proposal requests to add new program as specified in Sections VI and VII of Attachment 2E.

Department of Biological Sciences

BIOLBA - BA, Biology - Attachments 2G and 2H

Proposal requests eight major changes to the curriculum as specified in Section V of Attachment 2G.

## **PAGE TWO**

BIOLBS - BS, Biology - Attachments 2I and 2J

Proposal requests the elimination of BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499 and BIOL 499VH. Changes are further described in Section V of Attachment 2I.

BIOL-M - Minor in Biology - Attachment 2K

Proposal requests to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology core course may be selected as one of the electives as specified in Section V of Attachment 2K.

## **TABLE THREE** **Walton College of Business**

Walton College of Business Dean

WERP-M - Minor in Enterprise Resource Planning - Attachment 3A

Proposal requests to substitute ACCT 2013 for ACCT 3723 and add ISYS 4293, ISYS 4453 and TLOG 3623 as choices from which courses can be selected as specified in Section V of Attachment 3A.

Department of Marketing and Logistics

TRNSBS - BSBA, Transportation - Attachment 3B

Proposal requests to delete ECON 4653 and replace it with ECON 3853; add four ISYS courses to those acceptable to fulfill the information systems collateral requirement and rename the remaining course to be consistent with Information Systems Department curriculum change as specified in Section V of Attachment 3B.

**PAGE THREE**

**TABLE FOUR**

**College of Education and Health Professions**

Department of Curriculum and Instruction

PCHEd - Pre-Code for BSE, Childhood Education - Attachments 4A and 4B

Proposal requests to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted into the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow a more accurate identification of these students and allow for improved advising as specified in Section V of Attachment 4A.

**TABLE FIVE**

**GRADUATE PROGRAM CHANGES**

Eleanor Mann School of Nursing

NURSMS - MSN, Nursing - Attachment 5A through 5D

Proposal requests to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. Descriptions for these concentrations are specified in Section V of Attachments 5A and 5B.

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 [ ] Other Unit [ ] Policy
Level: [X] Undergraduate [ ] Graduate [ ] Law Effective Catalog Year 10-11

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

Current Name BA, Biology

College, School, Division ARSC Department Code BISC

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

[ ] Interdisciplinary Program CIP Code 26.0101
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 changes are proposed in the requirements for the Bachelor of Arts Major in Biology:**

- 1. The number of required credit hours in Biology is increased from 28 to 30.**
- 2. Principles of Zoology (BIOL 1603/1601L) or Plant Biology (BIOL 1613/1611L) may substitute for Principles of Biology (BIOL 1543/1541L), and a maximum of four 1000-level credit hours can be applied toward the major. Previously, BIOL 1543/1541L was required and a maximum of eight 1000-level credit hours could be applied toward the major.**
- 3. A new core of required classes is introduced, Cell Biology (BIOL 2533), General Genetics (BIOL 2323), Evolutionary Biology (BIOL 3023), and General Ecology (BIOL 3863). This core replaces categories/areas of biology in the current curriculum from which the students had to choose a predetermined number of classes.**
- 4. The students will have to take one core laboratory course from BIOL 2321L or BIOL 2531L or BIOL 3861L, which is currently not a requirement.**
- 5. The Bibliographic Practicum (BIOL 2001) course will be eliminated from the requirements.**
- 6. The credit hours for biology electives are increased from 8-10 hours to 13 hours. These 13 hours must include at least 9 hours in BIOL courses numbered 3000 or higher and at least one BIOL course numbered 2000 or higher with a laboratory section. Previously, all electives had to be courses numbered 3000 or higher.**
- 7. Three credit hours of statistics or Mathematical Reasoning are added to the requirements in cognate sciences (STAT 2023 or STAT 2303 or STAT 4003/4001L or MATH 2183).**
- 8. A 3-hour requirement in Philosophy is added to the requirements for a BA in Biology (PHIL 2103 or PHIL 2203 or PHIL 3113 or PHIL 4213). THIS MAY AWAIT LATER APPROVAL.**

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.)*

- 1. The number of required credit hours in Biology is increased from 28 to 30.**

**Rationale. The number of credit hours is increased by two because 2000-level classes are now included in the electives. At the same time, students will still have to take a sufficient number of classes at the 3000-and-above level to comply with the 24-hour rule. 2000-level classes are included as electives because many of our BA students will enter programs in the allied health professions that require these courses as pre-requisites.**

- 2. BIOL 1603/1601L (Principles of Zoology) or BIOL 1613/1611L (Plant Biology) may substitute for BIOL 1543/1541L (Principles of Biology), and a maximum of four 1000-level credit hours can be applied toward the major. Previously, BIOL 1543 was required and a maximum of eight 1000-level credit hours could be applied toward the major.**

**Rationale. Credit hours in 1000-level classes that can be applied toward the major are reduced so that more credit hours are available for the electives that now include 2000-level classes (same explanation as above under item 1). We expect that most**

students will still opt to take Principles of Biology. However, by making Principles of Zoology and Plant Biology regular substitutes, it will be possible for them to apply the credit hours earned for one of these courses toward their major.

3. A new core of required classes is introduced, Cell Biology (BIOL 2533), General Genetics (BIOL 2323), Evolutionary Biology (BIOL 3023), and General Ecology (BIOL 3863). This core replaces categories/areas of biology in the current curriculum from which the students had to choose a predetermined number of classes.

Rationale. A core of biology courses is introduced as a new requirement to give students a broad overview of the biological sciences and to provide all students with the same knowledge base for the successful completion of upper-level classes in the biological sciences. Having a core of required classes will make planning much easier for the students and guarantee that they will fulfill pre-requisites for many of our upper-level classes. Having a core of required classes has already been proven highly beneficial for our Bachelor of Science majors.

4. The students will have to take a core laboratory, which is currently not a requirement.

Rationale. Scientific knowledge is acquired through observation and experimentation. To understand the process of science, not only BS, but also BA students should be exposed to some laboratory experience.

5. The Bibliographic Practicum (BIOL 2001) will be eliminated from the requirements.

Rationale. The practicum in its current form has become obsolete. Faculty feel that students are not sufficiently challenged by the practicum. They already have many of the skills being taught in the course (e. g. knowledge of how to conduct basic database searches). The practicum suffers from a disconnect between the formal bibliographic skills taught and the actual application of this knowledge. Finally, with increasing numbers of students, logistics will become increasingly difficult to maintain this course offering.

6. The credit hours for biology electives are increased from 8-10 hours to 13 hours. These 13 hours must include at least 9 hours in BIOL courses numbered 3000 or higher and at least one BIOL course numbered 2000 or higher with a laboratory section. Previously, all electives had to be courses numbered 3000 or higher.

Rationale. As already explained above, 2000-level classes are now included because they are pre-professional requirements for programs in the allied health professions. This will allow students to apply these classes toward their major. Since students still have to comply with the 24-hour rule, the total number of required credit hours is increased.

7. Three credit hours of basic statistics or Mathematical Reasoning are added to the requirements in cognate sciences (STAT 2023 or STAT 2303 or STAT 4003/4001L or MATH 2183).

Rationale. Basic knowledge in statistics is expected in many courses at the Department of Biological Sciences, not only in those that list STAT courses as a pre-requisite. Especially in the areas of ecology and genetics, knowledge of basic statistical methods is critical for successful participation in the courses offered in these areas.

8. A 3-hour requirement in Philosophy is added to the requirements for a BA in Biology from Introduction to Ethics (PHIL 2103) or Logic (PHIL 2203) or Environmental Ethics (PHIL 3113) or Philosophy of Science (PHIL 4213). THIS MAY AWAIT LATER APPROVAL.

Rationale. This is a previous Fulbright College core requirement that has been eliminated in the revised college core. To keep this requirement, it will be adopted as a requirement for the BA major in Biology. The biology faculty feels that Bachelor of Arts students in biology should have basic knowledge of the philosophical foundations of the natural sciences, which includes questions of ethics and the principles of logic. Many of our BA students will move on to careers outside science. However, they will still be confronted with the many areas in our society that are increasingly shaped by progress in the sciences and the ethical questions associated with this progress. For these students, it will be important to understand what science can do and what it cannot, and should not, do. Students will have a broader spectrum of choices with respect to the philosophy courses than in the current college core curriculum (4 courses vs 2 courses currently). This will give students an opportunity to choose topics that are closest to their interests.

## **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.**

#### **Requirements for a B.A. Degree with a Major in Biology:**

A minimum of 124 hours is required, including:

1. BIOL 1543/1541L (Principles of Biology). Majors may substitute another 1000-level BIOL course (BIOL 1603/1601L, Principles of Zoology or BIOL 1613/1611L, Plant Biology) for BIOL 1543/1541L; a maximum of four 1000-level credits may be applied toward the major.
2. An additional 26 hours of biological sciences, including:
  - a. **Biology Core** (13 hours): Cell Biology (BIOL 2533), General Genetics (BIOL 2323), Evolutionary Biology (BIOL 3023), General Ecology (BIOL 3863), and a minimum of one hour of Core Laboratory selected from Cell Biology Laboratory (BIOL 2531L), General Genetics Laboratory (BIOL 2321L), and General Ecology Laboratory (BIOL 3861L).
  - b. **Biology Electives** (13 hours): must include at least 9 hours in BIOL courses numbered 3000 or higher and at least one course numbered 2000 or higher with a laboratory. (Laboratory courses also include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499, and BIOL 499VH.)
3. Requirements in cognate science and mathematics include:
  - a. CHEM 1103/1101L, CHEM 1123/1121L, and either CHEM 2613/2611L/2610D or CHEM 3603/3601L, and CHEM 3613/3611L
  - b. PHYS 2013/2011L, PHYS 2033/2031L
  - c. MATH 2043 or MATH 2554
  - d. STAT 2023 or STAT 2303 or STAT 4003/4001L or MATH 2183.
4. Requirement in Philosophy: PHIL 2103 or PHIL 2203 or PHIL 3113 or PHIL 4213

#### **Biology B.A. 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. The following eight-semester plan refers to additional B.A. Core Requirement Areas (areas a, b, c, d, e, f, and g) found on page 200 at the end of this chapter. Core requirement hours may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute a three-hour (or more) general elective in place of a core area.

**INSERT REVISED 8-SEMESTER DEGREE PLAN (see attachment to this form)**

BIOL 2000-4000 Level Electives are grouped below according to course number. A minimum of 13 hours are required including at least 9 hours at the 3000-level or higher and at least one course at the 2000-level or higher with a laboratory section.

#### **Electives (Pre-requisite requirement in italics):**

**BIOL 2013/2011L** General Microbiology (*BIOL 1543/1541L and CHEM 1074/1071L or CHEM 1103/1101L or CHEM 1123/1121L or CHEM 1213/1211L*)

**BIOL 2213/2211L** Human Physiology (*CHEM 1023 and CHEM 1021L or CHEM 1074 and CHEM 1071L or CHEM 1103 and CHEM 1101L or CHEM 1123 and CHEM 1121L, and MATH 1203*)

**BIOL 2443/2441L** Human Anatomy (*4 hours of Biological Sciences*)

**BIOL 3123** Prokaryote Biology (*BIOL 2533*)

**BIOL 3353** Mechanics of Human Movement (*BIOL 2443/2441L*)

**BIOL 3404** Comparative Vertebrate Morphology (*BIOL 1543/BIOL 1541L*)  
**BIOL 4003** Lab in Prokaryote Biology (*BIOL 3123*)  
**BIOL 4104** Taxonomy of Flowering Plants (*BIOL 2323 and BIOL 3023*)  
**BIOL 4114** Dendrology (*BIOL 3863*)  
**BIOL 4124** Food Microbiology (*BIOL 2533 and CHEM 1123 and CHEM 1121L or equivalent*)  
**BIOL 4233** Genomics and Bioinformatics (*BIOL 4313*)  
**BIOL 4234** Comparative Physiology (*BIOL 2533 and CHEM 3613/3611L*)  
**BIOL 4263** Cell Physiology (*BIOL 2533, CHEM 3813 and PHYS 2033*)  
**BIOL 4304** Plant Physiology (*BIOL 1543/1541L, BIOL 1603/1611L and General Chemistry*)  
**BIOL 4313** Molecular Cell Biology (*BIOL 2533 and BIOL 2323, CHEM 3603/3601L and CHEM 3613/3611L*)  
**BIOL 4353** Ecological Genetics (*BIOL 2323/2321L, MATH 2554 and STAT 2023 or equiv.*)  
**BIOL 4404** Comparative Botany (*BIOL 2323, BIOL 2533*)  
**BIOL 4424** Mycology (*BIOL 2323 and BIOL 2533*)  
**BIOL 4433** Principles of Evolution (*BIOL 2323 and BIOL 3863*)  
**BIOL 4443** Molecular Virology (*BIOL 4233 or BIOL 2323 and BIOL 4753 or 2533*)  
**BIOL 4463** Physiological Ecology (*BIOL 3863 and BIOL 4234 and its lab component*)  
**BIOL 4513/4511L** Population Ecology (*BIOL 3863*)  
**BIOL 4523** Plant Ecology (*BIOL 3863*)  
**BIOL 4544** Vertebrate Embryology (*BIOL 2533*)  
**BIOL 4554** Developmental Biology (*BIOL 2323 and BIOL 2533*)  
**BIOL 4613** Primate Adaptation and Evolution (*BIOL 3023 or ANTH 4613*)  
**BIOL 4693** Forest Ecology (*BIOL 3863*)  
**BIOL 4703** Mechanisms of Pathogenesis (*BIOL 2533*)  
**BIOL 4713/4711L** Basic Immunology (*BIOL 2323 and BIOL 2533*)  
**BIOL 4724** Protistology (*Prerequisite or Corequisite BIOL 3023, Prerequisite BIOL 2533 and BIOL 2323*)  
**BIOL 4734** Wildlife Management Techniques (*BIOL 3863*)  
**BIOL 4743** Fish Biology (*12 hours of BIOL credit*)  
**BIOL 4753** General Virology (*BIOL 2533*)  
**BIOL 4763** Ornithology (*BIOL 3863*)  
**BIOL 4774** Biometry (*STAT 2023 or equivalent, BIOL 3863*)  
**BIOL 4783** Mammalogy (*10 hours Biological Sciences*)  
**BIOL 4793** Introduction to Neurobiology (*BIOL 2533*)  
**BIOL 480V** Special Problems  
**BIOL 4814** Limnology (*BIOL 3863 and CHEM 1123/1121L*)  
**BIOL 4833** Animal Behavior (*BIOL 3863*)  
**BIOL 4844** Community and Ecosystem Ecology (*BIOL 3863*)  
**BIOL 485V** Field Ecology (*BIOL 3863*)  
**BIOL 4863** Analysis of Animal Populations (*BIOL 3863*)  
**BIOL 490V** Special Topics in Microbiology  
**BIOL 4933** Special Topics in Zoology (*8 hours of Biological Sciences*)  
**BIOL 498V** Senior Thesis  
**BIOL 499V** Problems in Biological Sciences (*senior standing*)

## 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 2H

Semester 1

- 3 ENGL 1013 Composition I  
3-5 MATH 1213 Plane Trig. or MATH 1285 Precalculus (if needed for MATH 2554) ~~or Core from areas a, b, c, d or e (as needed)~~  
4 BIOL 1543/BIOL 1541L Principles of Biology and Lab  
3-4 CHEM 1103/CHEM 1101L (CHEM 1101L optional)  
~~4-2~~ General Elective (if needed for 15-hour schedule)

**15-1716 Semester Hours**

Semester 2

- 3 ENGL 1023 Composition II  
3-4 † MATH 2043 Survey of Calculus or † MATH 2554 Calculus I  
~~3-4~~ ~~BIOL 1613/1611L (optional) or Core from areas a, b, c, d or e~~  
4 CHEM 1123/CHEM 1121L  
3 ~~Core from areas a, b, c, d or e (as needed)~~ HIST 2003 or HIST 2013 or PLSC 2003  
~~3~~ ~~Core from areas a, b, c, d or e (as needed)~~ Fine Arts

**16-178 Semester Hours**

Semester 3

- 3-4 † ~~BIOL 2013/BIOL 2011L Gen. Micro~~ or BIOL 2533 (BIOL 2531L optional) Cell Biology  
~~3-4~~ † ~~BIOL 2213/ BIOL 2211L Human Phys~~ CHEM 3603/3601L or BIOL 2323/ BIOL 2321L Gen. Genetics  
3 Core from areas a, b, c, d or e (as needed) Social Science  
3 Core from areas a, b, c, d or e (as needed) Social Science (as needed), or General Elective  
3 ~~Core from areas a, b, c, d or e (as needed)~~ Elective Course

**156-17 Semester Hours**

Semester 4

- 3-4 † ~~BIOL 2213/ BIOL 2211L Human Phys~~ or BIOL 2323 (BIOL 2321L lab optional) General Genetics or Biology Elective or BIOL 3023 Evolutionary Biology  
4 CHEM 3613/3611L Organic Chemistry II or CHEM 2613/2611L Organic Physiological Chemistry  
3 † ~~Core from area g (if needed) or Core from areas a, b, c, d or e (as needed)~~ May Include PHIL requirement PHIL 2103 or † PHIL 2203 or † PHIL 3113 or † PHIL 4213 or Core from Social Science (as needed)  
3 ~~Core from areas a, b, c, d or e (as needed)~~  
~~3~~ ~~Elective~~ General Elective or PHIL requirement Core from Humanities (as needed) or General Elective  
3 General Elective or Core from Social Science (as needed)

16-17 Semester Hours

Semester 5

- ~~4~~ † BIOL from Botany group (see below)
- 3-4 † BIOL 3023 Evolutionary Biology or BIOL 3863 (3861L lab optional)  
General Ecology or Biology Elective
- ~~3-4~~ † Biology Elective 2404/ BIOL 2400L or † BIOL 3023 or † BIOL 3863/  
BIOL 3861L
- 4 † PHYS 2013/ PHYS 2011L College Physics I
- 3 † Core from area g (if needed) or Core from areas a, b, c, d or e (as  
needed) ~~Statistics or Quantitative Reasoning~~ STAT 2023 or STAT 2303 or  
† STAT 4003/4001L or † MATH 2183
- 3 Core from Social Science (as needed) or † PHIL 2103 or PHIL 2203 or  
† PHIL 3113 or † PHIL 4213 Core from areas a, b, c, d or e (as needed) or  
PHIL requirement

17-18 Semester Hours

Semester 6

- 3-4 † BIOL 3863/ BIOL 3861L or † BIOL 3023 or † BIOL 3863/ BIOL  
3861L or † Biology Elective (below)
- ~~+1-4~~ 3000-4000 level BIOL 2001 Bibliographic Practicum Biology Elective
- 4 † PHYS 2033/ PHYS 2031L College Physics II
- 3 Core from areas a, b, c, d or e (as needed) General Elective
- 3 Core from areas a, b, c, d or e (as needed) General Elective

14-15 18 Semester Hours

Semester 7

- 3-4 † BIOL 3000-4000 Level Biology Elective  
from Microbiology group (below)
- 3-4 † BIOL 3000-4000 Level Biology Elective
- 3 Core from areas a, b, c, d or e (as needed) or PHIL requirement General  
Elective
- 3 General Elective Core from areas a, b, c, d or e (as needed)
- 3 General Elective Core from areas a, b, c, d or e (as needed)

15-17\* Semester Hours

Semester 8

- 3-4 † BIOL 3000-4000 Level Elective from Zoology group (below)
- 3-4 † BIOL 3000-4000 Level Elective (below)
- 3 General Elective Core from areas a, b, c, d or e (as needed)
- 3 General Elective Core from areas a, b, c, d or e (as needed)
- 3 † Upper Level Elective in Fulbright College (if needed for 24-hour rule) or  
General Elective

15-17	Semester Hours
124	Total Hours

**University Course and Programs Committee**  
**28-May-10**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

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

School of Human Environmental Sciences

FHNHBS - BSHES, Foods, Human Nutrition and Hospitality ( Concentration in Hospitality & Restaurant Management) - Attachment 1A

Proposal requests to delete six required courses and two hours of PEAC or DEAC courses. These changes result in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. There are several other changes described in Section V of Attachment 1A.

**TABLE TWO**

**Fulbright College of Arts and Sciences**

Department of Anthropology

ANTHBA - BA, Anthropology - Attachments 2A through 2D

Proposal requests to increase the required hours for the major from 30 to 35 and add three new specializations - Archeology, Biological Anthropology and Cultural Anthropology as specified in Section V of Attachment 2A.

ANTHBS - BS, Anthropology - Attachments 2E and 2F

Proposal requests to add new program as specified in Sections VI and VII of Attachment 2E.

Department of Biological Sciences

BIOLBA - BA, Biology - Attachments 2G and 2H

Proposal requests eight major changes to the curriculum as specified in Section V of Attachment 2G.

## **PAGE TWO**

BIOLBS - BS, Biology - Attachments 2I and 2J

Proposal requests the elimination of BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499 and BIOL 499VH. Changes are further described in Section V of Attachment 2I.

BIOL-M - Minor in Biology - Attachment 2K

Proposal requests to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology core course may be selected as one of the electives as specified in Section V of Attachment 2K.

## **TABLE THREE** **Walton College of Business**

Walton College of Business Dean

WERP-M - Minor in Enterprise Resource Planning - Attachment 3A

Proposal requests to substitute ACCT 2013 for ACCT 3723 and add ISYS 4293, ISYS 4453 and TLOG 3623 as choices from which courses can be selected as specified in Section V of Attachment 3A.

Department of Marketing and Logistics

TRNSBS - BSBA, Transportation - Attachment 3B

Proposal requests to delete ECON 4653 and replace it with ECON 3853; add four ISYS courses to those acceptable to fulfill the information systems collateral requirement and rename the remaining course to be consistent with Information Systems Department curriculum change as specified in Section V of Attachment 3B.

**PAGE THREE**

**TABLE FOUR**

**College of Education and Health Professions**

Department of Curriculum and Instruction

PCHED - Pre-Code for BSE, Childhood Education - Attachments 4A and 4B

Proposal requests to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted into the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow a more accurate identification of these students and allow for improved advising as specified in Section V of Attachment 4A.

**TABLE FIVE**

**GRADUATE PROGRAM CHANGES**

Eleanor Mann School of Nursing

NURSMS - MSN, Nursing - Attachment 5A through 5D

Proposal requests to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. Descriptions for these concentrations are specified in Section V of Attachments 5A and 5B.

ATTACHMENT 2I

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 10-11

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

Current Name BS, BIOLOGY

College, School, Division ARSC Department Code BISC

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

[ ] Interdisciplinary Program CIP Code 26.0101
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:
1. The Bibliographic Practicum (BIOL 2001) course will be eliminated from the requirements.



**2. A 3-hour requirement in Philosophy is added to the requirements for a BS in Biology (PHIL 2103 or PHIL 2203 or PHIL 3113 or PHIL 4213).**

**3. For clarity, upper level lab courses are defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499, and BIOL 499VH.**

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.)*

**1. The Bibliographic Practicum (BIOL 2001) will be eliminated from the requirements.**

**Rationale. The practicum in its current form has become obsolete. Faculty feel that students are not sufficiently challenged by the practicum. They already have many of the skills being taught in the course (e. g. knowledge of how to conduct basic database searches). The practicum suffers from a disconnect between the formal bibliographic skills taught and the actual application of this knowledge. Finally, with increasing numbers of students, logistics will become increasingly difficult to maintain this course offering.**

**2. A 3-hour requirement in Philosophy is added to the requirements for a BS in Biology from Introduction to Ethics (PHIL 2103) or Logic (PHIL 2203) or Environmental Ethics (PHIL 3113) or Philosophy of Science (PHIL 4213).**

**Rationale. This is, in part, a previous Fulbright College core requirement that has been eliminated in the revised college core. To keep this requirement, it will be adopted as a requirement for the BS major in Biology. The biology faculty feels that Bachelor of Sciences students in biology should have basic knowledge of the philosophical foundations of the natural sciences, which includes questions of ethics and the principles of logic. Many of our BS students will move on to careers in science. They will still be confronted with the many areas in our society that are increasingly shaped by progress in the sciences and the ethical questions associated with this progress. For these students, it will be important to understand what science can do and what it cannot, and should not, do. Students will have a broader spectrum of choices with respect to the philosophy courses than in the current college core curriculum (4 courses vs 2 courses currently). This will give students an opportunity to choose topics that are closest to their interests.**

**3. For clarity, upper level lab courses are defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499, and BIOL 499VH.**

**Rationale: Independent research courses such as those listed are carried out in the laboratory and/or field and thus meet our criteria as lab courses. The list is included for clarity.**

#### **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.**

**Requirements for a B.S. Degree with a Major in Biology:** A minimum of 124 hours is required, including 40 hours in the major as specified below.

1. Biology Core (13 hours): Cell Biology (BIOL 2533), General Genetics (BIOL 2323), Evolutionary Biology (BIOL 3023), General Ecology (BIOL 3863) and a minimum of one hour of Core Laboratory selected from Cell Biology Laboratory (BIOL 2531L), General Genetics Laboratory (BIOL 2321L), and General Ecology Laboratory (BIOL 3861L)
- ~~2. Bibliographic Practicum (BIOL 2001)~~
23. An additional 27 hours of electives in biology and/or biology related electives including:
  - a. No more than 8 hours of elective courses at the 1000 level. This includes Principles of Biology. Principles of Biology (BIOL 1543/1541L) is not required for the B.S. major. Well-prepared students, in consultation with their adviser, may opt to begin their coursework with the Biology Core.
  - b. At least 2 elective courses numbered 2000 or higher which are lab courses. This includes Biology Core Labs taken in addition to the basic Biology Core requirement. Courses whose catalog description explicitly excludes them from counting toward the major may not be used to meet this requirement. (Laboratory courses also include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499, and BIOL 499VH.)
  - c. At least 18 hours in courses numbered 3000 or higher, of which at least 12 hours must be from courses numbered 4000 or higher.
  - d. A course meeting the Fulbright College writing requirement. (The means of meeting the writing requirement are listed following the description of Requirements for Departmental Honors in Biology.)

NOTE: Biology-related electives that are not taught by the Department of Biological Sciences must be approved using the "Exception Request for Major or Minor Requirements" form.

**Requirements in cognate science and mathematics include the following:**

1. CHEM 1103/1101L (may be completed by advanced placement), CHEM 1123/1121L, CHEM 3603/3601L, CHEM 3613/3611L, CHEM 3813
2. PHYS 2013/2011L, PHYS 2033/2031L or PHYS 2054/2050L, PHYS 2074/2070L
3. MATH 2554 (MATH 2564 is recommended)
4. STAT 2023 or STAT 4003/4001L or equivalent.

**Requirement in Philosophy, must include one of the following: PHIL 2103 or PHIL 2203 or PHIL 3113 or PHIL 4213**

## 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

ATTACHMENT 2]  
EIGHT SEMESTER PLAN - BIOLBS

3 ENGL 1013 Composition I  
 3-5 MATH 1213 or 1285 or †MATH 2554  
 4 BIOL 1543/BIOL 1541L Principles of Biology and Lab  
 3-4 CHEM 1103/ (CHEM 1101L optional) University Chemistry I  
 3 ~~Core from areas a, b, c or e (as needed)~~ HIST 2003 or HIST 2013 or PLSC 2003 or core from Fine Arts  
**16-19 Semester Hours**

3 ENGL 1023 Composition II  
~~3-4~~ †MATH 2554 or ~~Core from areas a, b, c or e (as needed)~~ MATH 2564  
 4 CHEM 1123/CHEM 1121L University Chemistry II and Lab  
 3 Core from ~~areas a, b, c or e or PHIL requirement (as needed)~~ Fine Arts or HIST 2003 or HIST 2013 or PLSC 2003  
~~1~~ General Elective  
**14-15 Semester Hours**

3-4 †BIOL 2533 Cell (BIOL 2531L optional)  
 4 †‡CHEM 3603/CHEM 3601L Organic Chemistry I and Lab  
 3 Core from ~~areas a, b, c or e (as needed)~~ Social Science or PHIL Requirement  
 4 BIOL lab course 2000-level or above  
 1 General Elective  
**15-16 Semester Hours**

3-4 † ~~BIOL 2533/ Cell (BIOL 2531L optional) or~~ †BIOL 2323/ Genetics (BIOL 2321L optional)  
 4 †‡CHEM 3613/ CHEM 3611L Organic Chemistry II and Lab  
 3 †Core from ~~area f (if needed) or Core from areas a, b, c or e (as needed)~~ Social Science  
 3 ~~Core from areas a, b, c or e (as needed)~~ PHIL Requirement or Core from Social Science  
 3 ~~Core from areas a, b, c or e (as needed)~~ General Elective  
**16-17 Semester Hours**

3-4 † ~~BIOL 2323/ Genetics (BIOL 2321L optional) or~~ †BIOL 3023 Evolutionary Biology  
 3 †‡CHEM 3813 Introduction to Biochemistry  
 4 †PHYS 2013/ PHYS 2011L College Physics I and Lab  
 3 †Core from ~~area f Humanities (if needed) or Core from areas a, b, c or e (as needed)~~ Social Science  
 3 Core from ~~areas a, b, c or e (as needed)~~ Social Science (as needed) or General Elective  
**16-17 Semester Hours**

3-4 †‡BIOL 3023 Evolutionary Biology (if still needed) or †‡BIOL 3000-4000 Level Elective (below)  
 3-4 †‡BIOL 3863/ (BIOL 3861L optional) General Ecology  
~~1~~ ~~BIOL 2001 Bibliographic Practicum~~ ~~Biology Elective~~  
 4 †PHYS 2033/ PHYS 2031L College Physics II and Lab  
~~3~~ ~~4~~ ~~Core from areas a, b, c or e (as needed)~~ ~~BIOL lab course 2000-level or above~~  
**14-16 Semester Hours**

3-4 †‡BIOL 3000-4000 Level Elective (below)  
 3-4 †‡BIOL 4000 Level Elective (below)  
 3 †STATS 2023 Biostatistics  
 3 ~~Core from areas a, b, c or e or PHIL Requirement (as needed)~~ ~~General Elective~~  
 3 ~~Core from areas a, b, c or e (as needed)~~ ~~General Elective~~  
**15-17\* Semester Hours**

3-4 †‡BIOL 4000 Level Elective (below)  
 3-4 †‡BIOL 4000 Level Elective (below)  
 3 †‡BIOL 3000-4000 Level Elective (below)  
 3 ~~Core from areas a, b, c or e (as needed)~~ ~~General Elective~~  
 3 ~~Core from areas a, b, c or e (as needed)~~ ~~General Elective~~  
**15-17\* Semester Hours**  
**124 Total Hours**

**University Course and Programs Committee**  
**28-May-10**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

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

School of Human Environmental Sciences

FHNHBS - BSHES, Foods, Human Nutrition and Hospitality ( Concentration in Hospitality & Restaurant Management) - Attachment 1A

Proposal requests to delete six required courses and two hours of PEAC or DEAC courses. These changes result in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. There are several other changes described in Section V of Attachment 1A.

**TABLE TWO**

**Fulbright College of Arts and Sciences**

Department of Anthropology

ANTHBA - BA, Anthropology - Attachments 2A through 2D

Proposal requests to increase the required hours for the major from 30 to 35 and add three new specializations - Archeology, Biological Anthropology and Cultural Anthropology as specified in Section V of Attachment 2A.

ANTHBS - BS, Anthropology - Attachments 2E and 2F

Proposal requests to add new program as specified in Sections VI and VII of Attachment 2E.

Department of Biological Sciences

BIOLBA - BA, Biology - Attachments 2G and 2H

Proposal requests eight major changes to the curriculum as specified in Section V of Attachment 2G.

## **PAGE TWO**

BIOLBS - BS, Biology - Attachments 2I and 2J

Proposal requests the elimination of BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499 and BIOL 499VH. Changes are further described in Section V of Attachment 2I.

BIOL-M - Minor in Biology - Attachment 2K

Proposal requests to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology core course may be selected as one of the electives as specified in Section V of Attachment 2K.

## **TABLE THREE** **Walton College of Business**

Walton College of Business Dean

WERP-M - Minor in Enterprise Resource Planning - Attachment 3A

Proposal requests to substitute ACCT 2013 for ACCT 3723 and add ISYS 4293, ISYS 4453 and TLOG 3623 as choices from which courses can be selected as specified in Section V of Attachment 3A.

Department of Marketing and Logistics

TRNSBS - BSBA, Transportation - Attachment 3B

Proposal requests to delete ECON 4653 and replace it with ECON 3853; add four ISYS courses to those acceptable to fulfill the information systems collateral requirement and rename the remaining course to be consistent with Information Systems Department curriculum change as specified in Section V of Attachment 3B.

**PAGE THREE**

**TABLE FOUR**

**College of Education and Health Professions**

Department of Curriculum and Instruction

PCHED - Pre-Code for BSE, Childhood Education - Attachments 4A and 4B

Proposal requests to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted into the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow a more accurate identification of these students and allow for improved advising as specified in Section V of Attachment 4A.

**TABLE FIVE**

**GRADUATE PROGRAM CHANGES**

Eleanor Mann School of Nursing

NURSMS - MSN, Nursing - Attachment 5A through 5D

Proposal requests to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. Descriptions for these concentrations are specified in Section V of Attachments 5A and 5B.



ATTACHMENT 2K

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 10-11

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

Current Name Minor in Biology

College, School, Division ARSC Department Code BISC

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

[ ] Interdisciplinary Program CIP Code 26.0101
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: For a minor in biology, students will be required to take three biology core courses (to be selected from BIOL 2533, Cell Biology; BIOL 2323, General Genetics; BIOL 3023, Evolutionary

**Biology; and BIOL 3863, General Ecology) and two BIOL electives. A fourth core course may be selected as one of the electives. The requirement to take Principles of Biology (BIOL 1543/1541L), or equivalent, has not changed.**

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.)*

**Currently, students are required to take one course from five of six areas of specialization outlined in the requirements for the B.A. degree in biology. In the new description of B.A. requirements, these areas of specialization do not exist anymore. Therefore, the requirements for a minor will have to be modified accordingly to reflect these 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.**

**Requirements for a Minor in Biology:** Students must take BIOL 1543/1541L or equivalent, three biology core courses and two BIOL electives as outlined in the requirements for a B.A. degree in biology. A fourth biology core course may be selected as one of the electives. Students must notify the Fulbright College Dean's Office of their intent to minor in biology using the Program Update form.

**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

**University Course and Programs Committee**  
**28-May-10**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

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

School of Human Environmental Sciences

FHNHBS - BSHES, Foods, Human Nutrition and Hospitality ( Concentration in Hospitality & Restaurant Management) - Attachment 1A

Proposal requests to delete six required courses and two hours of PEAC or DEAC courses. These changes result in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. There are several other changes described in Section V of Attachment 1A.

**TABLE TWO**

**Fulbright College of Arts and Sciences**

Department of Anthropology

ANTHBA - BA, Anthropology - Attachments 2A through 2D

Proposal requests to increase the required hours for the major from 30 to 35 and add three new specializations - Archeology, Biological Anthropology and Cultural Anthropology as specified in Section V of Attachment 2A.

ANTHBS - BS, Anthropology - Attachments 2E and 2F

Proposal requests to add new program as specified in Sections VI and VII of Attachment 2E.

Department of Biological Sciences

BIOLBA - BA, Biology - Attachments 2G and 2H

Proposal requests eight major changes to the curriculum as specified in Section V of Attachment 2G.

## **PAGE TWO**

BIOLBS - BS, Biology - Attachments 2I and 2J

Proposal requests the elimination of BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499 and BIOL 499VH. Changes are further described in Section V of Attachment 2I.

BIOL-M - Minor in Biology - Attachment 2K

Proposal requests to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology core course may be selected as one of the electives as specified in Section V of Attachment 2K.

## **TABLE THREE** **Walton College of Business**

Walton College of Business Dean

WERP-M - Minor in Enterprise Resource Planning - Attachment 3A

Proposal requests to substitute ACCT 2013 for ACCT 3723 and add ISYS 4293, ISYS 4453 and TLOG 3623 as choices from which courses can be selected as specified in Section V of Attachment 3A.

Department of Marketing and Logistics

TRNSBS - BSBA, Transportation - Attachment 3B

Proposal requests to delete ECON 4653 and replace it with ECON 3853; add four ISYS courses to those acceptable to fulfill the information systems collateral requirement and rename the remaining course to be consistent with Information Systems Department curriculum change as specified in Section V of Attachment 3B.

**PAGE THREE**

**TABLE FOUR**

**College of Education and Health Professions**

Department of Curriculum and Instruction

PCHED - Pre-Code for BSE, Childhood Education - Attachments 4A and 4B

Proposal requests to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted into the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow a more accurate identification of these students and allow for improved advising as specified in Section V of Attachment 4A.

**TABLE FIVE**

**GRADUATE PROGRAM CHANGES**

Eleanor Mann School of Nursing

NURSMS - MSN, Nursing - Attachment 5A through 5D

Proposal requests to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. Descriptions for these concentrations are specified in Section V of Attachments 5A and 5B.

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: [ ] Major/Field of Study [X] 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 Enterprise Resource Planning Minor

College, School, Division WCOB Department Code WCBD

Current Code (6 digit Alpha) WERP-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: Substitute ACCT 2013 for ACCT 3723. Add ISYS 4293, ISYS 4453, TLOG 3623 to choices from which courses can be selected.

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.)*

**ACCT 2013 provides more appropriate content for ERP minor (as opposed to ACCT 3723). Adding ISYS 4293, 4453, and TLOG as electives enhances the minor.**

### **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 CATALOG**

##### **Enterprise Resource Planning Minor**

The Walton College offers an interdisciplinary minor in Enterprise Resource Planning (ERP). ERP systems are large-scale programs, which are used by many large companies to integrate their business processes and run the organization using primarily one software system. The minor requires completion of 15 hours of study with all of the courses applied toward the minor taken in residence. The 15 hours include:

WCOB 4213 ERP Fundamentals

WCOB 4223 ERP Configuration and Implementation

Plus nine hours from the following courses:

ACCT 3533 Accounting Technology



ACCT 3723 Intermediate Accounting I  
 ISYS 4233 ERP Development  
 TLOG 3443 Principles of Transportation  
 TLOG 3613 Business Logistics  
 TLOG 3623 Purchasing and Inventory Systems

Students who desire to earn an Enterprise Resource Planning 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.

**PROPOSED CATALOG**

**Enterprise Resource Planning Minor**

The Walton College offers an interdisciplinary minor in Enterprise Resource Planning (ERP). ERP systems are large-scale programs, which are used by many large companies to integrate their business processes and run the organization using primarily one software system. The minor requires completion of 15 hours of study with all of the courses applied toward the minor taken in residence. The 15 hours include:

WCOB 4213 ERP Fundamentals  
 WCOB 4223 ERP Configuration and Implementation  
 Plus nine hours from the following courses:  
 ACCT 2013 Accounting Principles  
 ACCT 3553 Accounting Technology  
 ISYS 4233 ERP Development  
 ISYS 4293 Business Intelligence  
 ISYS 4453 Introduction to Enterprise Servers  
 TLOG 3443 Principles of Transportation  
 TLOG 3613 Business Logistics  
 TLOG 3623 Purchasing and Inventory Systems

Students who desire to earn an Enterprise Resource Planning 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

**University Course and Programs Committee**  
**28-May-10**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

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

School of Human Environmental Sciences

FHNHBS - BSHES, Foods, Human Nutrition and Hospitality ( Concentration in Hospitality & Restaurant Management) - Attachment 1A

Proposal requests to delete six required courses and two hours of PEAC or DEAC courses. These changes result in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. There are several other changes described in Section V of Attachment 1A.

**TABLE TWO**

**Fulbright College of Arts and Sciences**

Department of Anthropology

ANTHBA - BA, Anthropology - Attachments 2A through 2D

Proposal requests to increase the required hours for the major from 30 to 35 and add three new specializations - Archeology, Biological Anthropology and Cultural Anthropology as specified in Section V of Attachment 2A.

ANTHBS - BS, Anthropology - Attachments 2E and 2F

Proposal requests to add new program as specified in Sections VI and VII of Attachment 2E.

Department of Biological Sciences

BIOLBA - BA, Biology - Attachments 2G and 2H

Proposal requests eight major changes to the curriculum as specified in Section V of Attachment 2G.

## **PAGE TWO**

BIOLBS - BS, Biology - Attachments 2I and 2J

Proposal requests the elimination of BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499 and BIOL 499VH. Changes are further described in Section V of Attachment 2I.

BIOL-M - Minor in Biology - Attachment 2K

Proposal requests to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology core course may be selected as one of the electives as specified in Section V of Attachment 2K.

## **TABLE THREE** **Walton College of Business**

Walton College of Business Dean

WERP-M - Minor in Enterprise Resource Planning - Attachment 3A

Proposal requests to substitute ACCT 2013 for ACCT 3723 and add ISYS 4293, ISYS 4453 and TLOG 3623 as choices from which courses can be selected as specified in Section V of Attachment 3A.

Department of Marketing and Logistics

TRNSBS - BSBA, Transportation - Attachment 3B

Proposal requests to delete ECON 4653 and replace it with ECON 3853; add four ISYS courses to those acceptable to fulfill the information systems collateral requirement and rename the remaining course to be consistent with Information Systems Department curriculum change as specified in Section V of Attachment 3B.

**PAGE THREE**

**TABLE FOUR**

**College of Education and Health Professions**

Department of Curriculum and Instruction

PCHEd - Pre-Code for BSE, Childhood Education - Attachments 4A and 4B

Proposal requests to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted into the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow a more accurate identification of these students and allow for improved advising as specified in Section V of Attachment 4A.

**TABLE FIVE**

**GRADUATE PROGRAM CHANGES**

Eleanor Mann School of Nursing

NURSMS - MSN, Nursing - Attachment 5A through 5D

Proposal requests to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. Descriptions for these concentrations are specified in Section V of Attachments 5A and 5B.

ATTACHMENT 3B

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 BSBA, Major in Transportaion

College, School, Division WCOB Department Code MKTL

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

[ ] Interdisciplinary Program CIP Code 52.0203
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 Transportation and Logistics major requires 6 hours of courses from a single collateral. The Information Systems department recently revised their curriculum leaving the information

**systems collateral in transportation and logistics with only a single course. After consultation with the Information Systems department the Marketing & Logistics department proposes adding four additional ISYS courses to those acceptable to fulfill the information systems collateral requirement and retitle the remaining course to be consistent with Information Systems Department curriculum change. In addition, after consultation with the Economics Department, ECON 4653 is being deleted and replaced with ECON 3853, Emerging Markets.**

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 change simply reinstates the information system collateral in the transportation and logistics majors after the Information Systems department revised their curriculum.**

### **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.**

### **Transportation and Logistics Major**

The major in transportation and logistics is designed to prepare students for careers in carrier management and logistics management. Carrier management is the management of the domestic and international modes of transportation. Logistic management applies analytical techniques and uses the systems approach in managing the flow of materials into and through the production and manufacturing processes of a firm to its customers.

Basic employment opportunities exist in marketing, sales, and operations positions with carriers in all transportation modes, and in positions with shippers having responsibility in one or more of the areas under logistics management, warehousing, packaging, and materials handling. Opportunities also exist in governmental agencies.

Complete the requirements for a B.S.B.A. degree as listed on page 209.	Hours
<b>Total General Education</b>	60
<b>Walton College Core Requirements</b> (See page 209)	33
<b>Course Requirements in the Major</b>	24
TLOG 3443 Principles of Transportation	3
TLOG 3613 Business Logistics	3
TLOG 3623 Purchasing and Inventory Systems	3
TLOG 4633 Transportation Carrier Management	3
TLOG 4643 International Transportation and Logistics	3
TLOG 4653 Transportation and Logistics Strategy	3
Plus two classes (six hours) from a single area:	6
<b>Information Systems:</b>	
ISYS 2263 Introduction to Information Systems	3
ISYS 3293 System Analysis and Design	3
ISYS 4243 Current Topics in Computer Information	3
ISYS 4293 Business Intelligence	3
WCOB 4213 ERP Fundamentals	3
<b>Marketing:</b>	
MKTG 4343 Selling and Sales Management	3
MKTG 3633 Marketing Research	3
MKTG 4633 Global Marketing	3
MKTG 4433 Retail Strategy	3

<b>International:</b>	
ECON 4633 International Trade Policy	3
ECON 4643 International Macroeconomics and Finance	3
<b>ECON 3853 Emerging Markets</b>	3
FINN 3703 International Finance	3
MGMT 4853 International Management	3
MGMT 4833 International Marketing	3
Junior- senior-level electives within Walton College	15
Maximum of 27 hours of MKTG courses in department (core, major, elective). More than 27 hours allowed if the extra courses are part of interdisciplinary minor or collateral track.	
<b>Total Walton College Requirements</b>	60
<b>Total Degree Requirements</b>	126

### 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



**University Course and Programs Committee**  
**28-May-10**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

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

School of Human Environmental Sciences

FHNHBS - BSHES, Foods, Human Nutrition and Hospitality ( Concentration in Hospitality & Restaurant Management) - Attachment 1A

Proposal requests to delete six required courses and two hours of PEAC or DEAC courses. These changes result in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. There are several other changes described in Section V of Attachment 1A.

**TABLE TWO**

**Fulbright College of Arts and Sciences**

Department of Anthropology

ANTHBA - BA, Anthropology - Attachments 2A through 2D

Proposal requests to increase the required hours for the major from 30 to 35 and add three new specializations - Archeology, Biological Anthropology and Cultural Anthropology as specified in Section V of Attachment 2A.

ANTHBS - BS, Anthropology - Attachments 2E and 2F

Proposal requests to add new program as specified in Sections VI and VII of Attachment 2E.

Department of Biological Sciences

BIOLBA - BA, Biology - Attachments 2G and 2H

Proposal requests eight major changes to the curriculum as specified in Section V of Attachment 2G.

## **PAGE TWO**

BIOLBS - BS, Biology - Attachments 2I and 2J

Proposal requests the elimination of BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499 and BIOL 499VH. Changes are further described in Section V of Attachment 2I.

BIOL-M - Minor in Biology - Attachment 2K

Proposal requests to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology core course may be selected as one of the electives as specified in Section V of Attachment 2K.

## **TABLE THREE** **Walton College of Business**

Walton College of Business Dean

WERP-M - Minor in Enterprise Resource Planning - Attachment 3A

Proposal requests to substitute ACCT 2013 for ACCT 3723 and add ISYS 4293, ISYS 4453 and TLOG 3623 as choices from which courses can be selected as specified in Section V of Attachment 3A.

Department of Marketing and Logistics

TRNSBS - BSBA, Transportation - Attachment 3B

Proposal requests to delete ECON 4653 and replace it with ECON 3853; add four ISYS courses to those acceptable to fulfill the information systems collateral requirement and rename the remaining course to be consistent with Information Systems Department curriculum change as specified in Section V of Attachment 3B.

**PAGE THREE**

**TABLE FOUR**

**College of Education and Health Professions**

Department of Curriculum and Instruction

PCHED - Pre-Code for BSE, Childhood Education - Attachments 4A and 4B

Proposal requests to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted into the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow a more accurate identification of these students and allow for improved advising as specified in Section V of Attachment 4A.

**TABLE FIVE**

**GRADUATE PROGRAM CHANGES**

Eleanor Mann School of Nursing

NURSMS - MSN, Nursing - Attachment 5A through 5D

Proposal requests to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. Descriptions for these concentrations are specified in Section V of Attachments 5A and 5B.

ATTACHMENT 4A

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 [ ] Minor [X] Other Unit Pre Major Code [ ] 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 BSE, Childhood Education

College, School, Division EDUC Department Code CIED

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

[ ] Interdisciplinary Program CIP Code 13.1210
Prior assignment from Office of Institutional Research is required.

Proposed Name Pre-Childhood Education
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 pre-CHED code would allow for a more accurate identification of students intending to pursue an academic major in Childhood Education. To be admitted to the CHED program a student must complete 62 hours of required pre-requisite courses with a minimum GPA or 2.7. Grades in the following courses must be a “C” or better: CIED 1002/1011, MATH 1203, ENGL 1013, ENGL 1023, COMM 1313, CIED 3023, and CIED 3033. In addition, the student must also obtain a passing score on the Math, Reading, and Writing sections of the Praxis I Exam. Formal application must be made to the Childhood Education Program prior to January 30th of the year students plan to enter. Faculty will conduct interviews and collect writing samples from all qualified applicants. Applicants will be notified of the admission decision in writing.

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.)
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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.)*

**Students who enter the University at any time can declare Childhood Education as a major; however, there is an application and interview process that must be completed in order to be formally admitted. We would like the pre-code so students can be identified for better advising and tracking prior to the formal admission.**

#### **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.**

## Childhood Education (~~ELED~~-PCHED and CHED)

- Associate Professors Collier, Imbeau
- Clinical Associate Professor Eilers
- Assistant Professors Kirkpatrick, Penner-Williams, Wissehr
- Clinical Assistant Professor Mounts
- Clinical Instructors Bell (K.), Owen, Kerr, Kindall, Smith (D.)
- Instructor Riggs (S.)

The Department of Curriculum and Instruction offers programs that prepare candidates for initial teacher licensure in Childhood Education. The B.S.E. degree in Childhood Education is not an initial teacher licensure program but instead leads to the Master of Arts in Teaching (M.A.T.), which is the initial teacher licensure preparation program. Information about the M.A.T. degree program can be found in the University of Arkansas Graduate Catalog. Candidates seeking entry into the Childhood Education program will be advised in the Boyer Center for Student Services until admission to the junior year of the program, at which time they will be assigned a faculty adviser. Admission to the B.S.E. in Childhood Education is limited and consists of a three-stage process.

### Stage I: Pre-Childhood Education (PCHED)

1. Complete all program pre-requisites including the first 62 or 63 hours of the 8-semester plan (see 8-semester table below)
2. Obtain a minimum of 2.7 GPA on the 62 or 63 hours of pre-requisite courses, either from the UA or on transfer coursework.
3. Complete the following courses with a "C" or better: CIED 1002/1011, MATH 1203, ENGL 1013, and ENGL 1023, COMM 1313, CIED 3023, and CIED 3033.
4. Obtain a passing score on the Math, Reading and Writing sections of the Praxis I Exam

### Stage II: Admission to the Childhood Education Program

Admission to the Childhood Education Program occurs after completion of all Pre-Childhood Education requirements and prior to the beginning of the fall semester of the junior year. Applications to the Childhood Education (~~ELED~~-CHED) program must be submitted by January 30th. The application process includes:

1. Submission of Childhood Education application
2. Submission of transcripts for all coursework
3. Oral Interview
4. Submission of Writing and Editing Samples
5. Submission of passing score on Math, Reading, and Writing sections of Praxis I Exam

### Stage III: Requirements for Progression to Senior Coursework

1. Declaration of endorsement area of ESL or SPED.
2. Cumulative GPA of 2.7.
3. All non-methods math, science, social studies and HESC courses as well as CIED 3003/3001 and CIED 3263 must be completed prior to senior year.

## 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

# CHED 8 semester degree plan from the 2010-2011 Catalog Copy

## Attachment 4B

3	†ENGL 1013 Composition I
3	†MATH 1203 College Algebra (or higher)
4	BIOL 1543/1541L Principles of Biology w/lab or GEOL 1113/1111L
2-3	HLSC 1002 Wellness Concepts or HLSC 1103
1	PEAC1621 Fitness Concepts
3	PLSC 2003 American Nat'l Gov't or HIST 2003 or 2013
<b>16-17</b>	<b>Semester Hours</b>
3	†ENGL 1023 Composition II
3	MATH 2213 Math Structures I
4	GEOL 1113/1111L General Geology w/lab or BIOL 1543/1541L
2	†CIED 1002 Introduction to Education
1	†CIED 1011 Practicum
3	PSYC 2003 General Psychology
<b>16</b>	<b>Semester Hours</b>
3	Fine Arts or Humanities Elective
3	HESC 2433 Child Development
3	†CIED 3023 Survey of Exceptionality
3	HIST 2003 or 2013 or PLSC 2003
3	†COMM 1313 Fundamentals of Communications
<b>15</b>	<b>Semester Hours</b>
4	Physical Science w/lab
3	CIED 1003 Introduction to Technology in Education or any computer course
2	Electives
3	MATH 2223 Math Structures II
3	†CIED 3033 Classroom Learning Theory
<b>15</b>	<b>Semester Hours</b>
3	HIST 3383 Arkansas and the Southwest
3	ECON 3053 Economics for Elem. Teachers or any economics course
3	WLIT 3 hours
3-4	†CIED 3003/3001 Early Childhood Education or HESC 3402/3401L Child Guidance/Lab
3	Electives
<b>15-16</b>	<b>Semester Hours</b>



3 †CIED 3263 Language Development/Educator  
3 Any GEOG course  
3 Fine Arts or Humanities Elective  
3 Electives  
3 †ENGL 2003 Advanced Composition (if required) or elective  
**15 Semester Hours**

3 †\*CIED 3103 Children's Literature  
3 †\*CIED 3113 Emergent & Developmental Literacy  
3 †\*CIED 3123 Math Methods  
3 †\*CIED 4153 Classroom Management  
3 ESL Elective or Special Education Elective  
**15 Semester Hours**

3 †\*CIED 4113 Integrated Communication Skills  
3 †\*CIED 3133 Integrated Social Studies  
1 †\*CIED 4101 Practicum  
3 †\*CIED 3143 Teaching Science  
3 ESL Elective or Special Education Elective  
3 Electives  
**16 Semester Hours**  
**124-125 Total Hours**

**University Course and Programs Committee**  
**28-May-10**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

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

School of Human Environmental Sciences

FHNHBS - BSHES, Foods, Human Nutrition and Hospitality ( Concentration in Hospitality & Restaurant Management) - Attachment 1A

Proposal requests to delete six required courses and two hours of PEAC or DEAC courses. These changes result in a three hour reduction in the Human Environmental Sciences Core, a 13-19 hour reduction in the Hospitality Management Core and an addition of 23-33 hours to the general and hospitality electives. There are several other changes described in Section V of Attachment 1A.

**TABLE TWO**

**Fulbright College of Arts and Sciences**

Department of Anthropology

ANTHBA - BA, Anthropology - Attachments 2A through 2D

Proposal requests to increase the required hours for the major from 30 to 35 and add three new specializations - Archeology, Biological Anthropology and Cultural Anthropology as specified in Section V of Attachment 2A.

ANTHBS - BS, Anthropology - Attachments 2E and 2F

Proposal requests to add new program as specified in Sections VI and VII of Attachment 2E.

Department of Biological Sciences

BIOLBA - BA, Biology - Attachments 2G and 2H

Proposal requests eight major changes to the curriculum as specified in Section V of Attachment 2G.

## **PAGE TWO**

BIOLBS - BS, Biology - Attachments 2I and 2J

Proposal requests the elimination of BIOL 2001, Bibliographic Practicum, and a three hour Philosophy course is being added from the following list; PHIL 2103, PHIL 2203, PHIL 3113 or PHIL 4213. For clarification, upper level lab courses are being defined to include BIOL 399VH, BIOL 480V, BIOL 480VH, BIOL 499 and BIOL 499VH. Changes are further described in Section V of Attachment 2I.

BIOL-M - Minor in Biology - Attachment 2K

Proposal requests to require three biology core courses and two BIOL electives as outlined in the requirements for a BA degree in biology and a fourth biology core course may be selected as one of the electives as specified in Section V of Attachment 2K.

## **TABLE THREE** **Walton College of Business**

Walton College of Business Dean

WERP-M - Minor in Enterprise Resource Planning - Attachment 3A

Proposal requests to substitute ACCT 2013 for ACCT 3723 and add ISYS 4293, ISYS 4453 and TLOG 3623 as choices from which courses can be selected as specified in Section V of Attachment 3A.

Department of Marketing and Logistics

TRNSBS - BSBA, Transportation - Attachment 3B

Proposal requests to delete ECON 4653 and replace it with ECON 3853; add four ISYS courses to those acceptable to fulfill the information systems collateral requirement and rename the remaining course to be consistent with Information Systems Department curriculum change as specified in Section V of Attachment 3B.

**PAGE THREE**

**TABLE FOUR**

**College of Education and Health Professions**

Department of Curriculum and Instruction

PCHED - Pre-Code for BSE, Childhood Education - Attachments 4A and 4B

Proposal requests to add a pre-code for students that wish to major in the BSE, Childhood Education. For students to be admitted into the Childhood Education program they must complete several requirements, make application and satisfy an interview process. The pre-code will allow a more accurate identification of these students and allow for improved advising as specified in Section V of Attachment 4A.

**TABLE FIVE**

**GRADUATE PROGRAM CHANGES**

Eleanor Mann School of Nursing

NURSMS - MSN, Nursing - Attachment 5A through 5D

Proposal requests to create two concentrations for the degree: Clinical Nurse Specialist and Nurse Educator. Descriptions for these concentrations are specified in Section V of Attachments 5A and 5B.

ATTACHMENT 5A

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 [ ] Minor [X] Other Unit CLIN concentration [ ] Policy
Level: [ ] Undergraduate [X] Graduate [ ] Law Effective Catalog Year 2011

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

Current Name MSN, Master of Science in Nursing

College, School, Division EDUC Department Code NURS

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

[ ] Interdisciplinary Program CIP Code 51.3801proposed
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.edu/divisions/academicaffairs/Pages/academicaffairs.aspx

[ ] 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: Nursing proposal to modify the current MSN program for the clinical nurse specialist concentration by adding two new courses: NURS 5053 Evidence-Based Practice and Innovation in Nursing (replaces previous two course sequence

in Adv. Nursing Research I-II) NURS 5063 Health Care Policy Modify course sequence so that NURS 5033 Role Development of the Advanced Practice Clinical Nurse Specialist is offered each fall and NURS 5143 Adv. Pathophysiology is offered each spring. Total degree credits remains the same. We also plan to delete the statement "Clinical practicum courses involve 3 contact hours per credit" in the catalog copy.

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.)*

**As part of our regular curriculum review process in light of the American Association of Colleges of Nursing (2010) upcoming revision of the Essentials of Master's Education document used by our accrediting body, the Collegiate Commission on Nursing Education (CCNE), faculty determined that graduates of the MSN program will be key change agents in evidence-based practice in health care settings. We determined that our two course sequence in Advanced Nursing Research could be revised to a three credit course with an emphasis on evidence-based practice and innovation to address safety and quality outcomes. We also determined that there is an increased focus on health policy. The addition of a separate three credit course in Health Policy is proposed as a way to address the increased demands on MSN prepared nurses to provide leadership for system change that addresses access, cost, and quality of health care. We are also making a course sequence change to ensure that students fully understand the differences among advanced practice roles of the nurse by offering NURS 5033 Role Development of the Advanced Practice Clinical Nurse Specialist in the fall rather than the spring and offering NURS 5143 Advanced Pathophysiology in the spring. Students will continue to complete 500 clinical practicum hours total for the program. The concentration will be labeled Clinical Nurse Specialist.**

### **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.**

**Degrees Conferred:**

M.S. in Nursing (MSN)

The Eleanor Mann School of Nursing Graduate Program expands on the philosophy of the undergraduate nursing program and contributes to the mission of the College of Education and Health Professions and the University of Arkansas. The online MSN program prepares students as Clinical Nurse Specialists (CNS) who are eligible to take national certification exams and apply for licensure as Advanced Practice Nurses. Program objectives focus on the roles of expert clinician, consultant, educator, manager, and researcher. The skills necessary for life-long learning, including self-assessment, goal setting, active learning, and research utilization are integrated throughout the curriculum. Graduates are prepared to function independently or in a collaborative role on an interdisciplinary team as change agents to affect nursing practice. Graduate education at the master's level builds on the foundation of baccalaureate education to prepare students to assume responsibility for addressing complex health needs of adults in a variety of settings. Graduates are prepared to provide clinical leadership for evidence-based practice and to contribute to the development of nursing science through practice, evaluation, and outcomes research. The faculty recognizes the uniqueness of individual students as adult learners and strives to provide flexible opportunities for learning. The Graduate Nursing Core provides students with the foundation for the science of nursing and health policy; the complex health needs of diverse populations; and the role of the Advanced Practice Nurse. The Advanced Practice Core provides students with the advanced knowledge and skills for a comprehensive approach to the management of client problems. The Clinical Nurse Specialist Core provides students with the experience and guidance in advanced clinical decision making to ensure quality care for diverse populations. The Thesis or Research Project allows students to contribute to new knowledge in nursing through original research, replication studies, dissemination efforts, and utilization projects. The thesis or scholarly project requirement also prepares graduates for further study in a doctoral program. The Nursing Education option prepares students to assume the nurse educator role in various institutional settings. The Capstone experience, a written comprehensive exam, will provide students the opportunity to demonstrate their ability to synthesize knowledge from the cores areas and communicate their ideas effectively.

Upon the completion of the program of studies the graduate will be able to:

1. Promote evidence-based practice through problem identification and the critique of research findings.
2. Collaborate in policy development, resource management, and cost-effective care delivery.
3. Apply legal/ethical principles to promote a values-based professional practice.
4. Effect health care outcomes through advanced roles of clinician, teacher, manager, researcher, and consultant.
5. Utilize theories from nursing and other disciplines for decision making.
6. Advocate for access to quality health care for diverse populations.
7. Collaborate with other disciplines to design, deliver, and evaluate health care services for diverse populations.
8. Provide leadership in education in a variety of clinical and academic settings.

**Areas of Concentration:** Clinical nurse specialist

**Primary Areas of Faculty Research:** Cardiopulmonary physiology; placement, recruitment and retention of advanced practice nurses; attrition and retention of nursing students; nurse educator leadership; professional development; older adults and dementia.

**Admission Requirements:** 1) Admission to the University of Arkansas Graduate School. 2) Completion of a baccalaureate degree in nursing from an NLNAC or CCNE accredited program. 3) Current unencumbered license to practice as a registered nurse. 4) Completion of a basic health assessment course (academic or continuing education). 5) Completion of a basic-level statistics course with a grade of "C" or above. 6) Evidence of current CPR (American Heart Association for Professionals) certification, TB screening, Hepatitis immunization, professional liability insurance, and health insurance. 7) Basic computer and library skills including the use of electronic databases. 8) Qualified applicants will be admitted on a space available basis.

**Requirements for the Master of Science in Nursing Degree - Clinical Nurse Specialist Concentration:** In addition to the general requirements of the Graduate School, students must complete a minimum of 41 credits (44 credits with thesis option) including the following courses: Graduate Nursing Core courses: NURS 5003, 5033, 5043, 5053, 5063; Advanced Practice Core courses: NURS 5143, 5102, 5111, 5123; Clinical Specialist Core courses: NURS 5212, 5225, 5232, 5245. Students complete a total of 500 hours of clinical practicum. Students who select the thesis option complete a minimum of six credits of thesis that will count toward the degree. As an alternative to completing a thesis, students may elect the scholarly project option and are required to complete a three-credit independent study. Students who intend to pursue doctoral preparation are strongly urged to select the thesis option. All candidates for the Master of Science in Nursing (MSN) must successfully complete a comprehensive written exam.

**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



ATTACHMENT 5B

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 Minor Other Unit Nurse Educator Concentration
Level: Undergraduate Graduate Law Effective Catalog Year 2011
Current Name MSN, Masters in Nursing
College, School, Division EDUC Department Code NURS
Current Code (6 digit Alpha) NURSMS Proposed Code (6 digit Alpha)
Interdisciplinary Program CIP Code 51.3801 proposed
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.edu/divisions/academicaffairs/Pages/academicaffairs.aspx
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:**        Nursing proposal to add a concentration under the MSN degree: Nurse Educator Concentration. Students have had the option to take a three course sequence focused on nursing education; however, no degree or certificate was awarded. In the proposed Nurse Educator Concentration students will take seven of the current MSN courses, two new independent study courses, and six credits of approved electives. Total degree credits for the new concentration are 33.

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.)*

       In order to address the current and projected shortage of nurse educator, faculty in EMSN propose a second concentration to prepare nurse educators under the current online MSN degree program technically supported through the University of Arkansas Global Campus. The Eleanor Mann School of Nursing plans to double the enrollment in its BSN program and will need additional clinical faculty prepared at the master's degree level to accommodate the growth.

There are approximately 3,500 nursing programs (practical nurse, associate degree, diploma, baccalaureate, master's, and doctoral), within 2,500 schools of nursing. These schools enroll approximately 300,000 students; however, the supply is not keeping pace with the need for graduates. According to the American Association of Colleges of Nursing (2010), "faculty shortages at nursing schools across the country are limiting student capacity at a time when the need for professional registered nurses continues to grow." The average age for doctorally- and master's degree-prepared nurses is over 55 years. With the projected shortfall of nurses to meet the health care needs of our increasingly diverse and aging population, schools have increased their enrollments. Consequently, more nurse educators are needed to teach nursing students. Being a competent practitioner is not sufficient to being a nurse educator. The National League for Nursing stated the nurse educator needs core educator skills such as the ability to facilitate learning, advance the total development and professional socialization of the learner, design appropriate learning experiences, and evaluate learning outcomes.

Several sources of financial aid are available to encourage potential students to consider a career as a nurse educator. In 2009 Arkansas Act 9 was passed "to encourage nurses to teach in Arkansas nursing education programs. To be eligible for the loan, the applicant must be an Arkansas resident enrolled in an accredited nursing program and be teaching or hired to teach in a nursing program located in Arkansas" Students are eligible for up to \$20,000 total award. They must be in a program that leads to qualifications as a nurse educator. Terms of the financial aid includes a commitment to teach for one year in a school of nursing in Arkansas following graduation for each year a scholarship was awarded (Arkansas State Board of Nursing, 2010). The Arkansas Graduate Nursing Education Student Loan and Scholarship Program, Arkansas Act 1468 was revised in 2005 to increase the number of nurse educators teaching in Arkansas nursing schools. Nurse educator students can fulfill the payback terms under similar terms.

Nurse Educator Concentration

MSN Outcomes:

Upon the completion of the program of studies the graduate will be able to:

1. Promote evidence-based practice through problem identification and the critique of research findings.
2. Collaborate in policy development, resource management, and cost-effective care delivery.
3. Apply legal/ethical principles to promote a values-based professional practice.
4. Effect health care outcomes through advanced roles of clinician, teacher, manager, researcher, and consultant.
5. Utilize theories from nursing and other disciplines for decision making.

6. Advocate for access to quality health care for diverse populations.
7. Collaborate with other disciplines to design, deliver, and evaluate health care services for diverse populations.
8. Provide leadership in education in a variety of clinical and academic settings.

Degree Requirements = 33 credits total

Graduate Nursing Core = 12 credits

Course Number	Name
NURS 5003	Nursing Theory
NURS 5043	Advanced Concepts in Health Promotion with Diverse Populations
NURS 5053	Evidence-Based Practice and Innovation in Nursing
NURS 5063	Health Policy

Nursing Education Core = 9 credits

Course Number	Name
NURS 5303	Foundations in Nursing Education
NURS 5313	Curriculum and Evaluation in Nursing Education
NURS 5323	Teaching in Nursing Practicum

Electives = 6 credits from approved courses

New Courses = 6 credits

Course Number	Name	Description
NURS 5343	Independent Study: Specialty Development I	This course will include two foci. There will be readings focused on current topics in a specialty area. A focused field experience will allow student to integrate knowledge and skills in a specialty area of nursing in preparation for the nurse educator role.
NURS 5353	Independent Study: Specialty Development II	Building on the Independent Study: Specialty Development I, this course will include two foci. There will be readings focused on current topics in a specialty area. A focused field experience will allow student to integrate knowledge and skills in a specialty area of nursing in preparation for the nurse educator role.

## 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.**

**Degrees Conferred:**

M.S. in Nursing (MSN)

The Eleanor Mann School of Nursing Graduate Program expands on the philosophy of the undergraduate nursing program and contributes to the mission of the College of Education and Health Professions and the University of Arkansas. The online MSN program prepares students as Clinical Nurse Specialists (CNS) who are eligible to take national certification exams and apply for licensure as Advanced Practice Nurses; and, **as Nurse Educators**. Program objectives focus on the roles of expert clinician, consultant, educator, manager, and researcher. The skills necessary for life-long learning, including self-assessment, goal setting, active learning, and **evidence-based practice** are integrated throughout the curriculum. Graduates are prepared to function independently or in a collaborative role on an interdisciplinary team as change agents to affect nursing practice. Graduate education at the master's level builds on the foundation of baccalaureate education to prepare students to assume responsibility for addressing complex health needs of **patients** in a variety of settings. Graduates are prepared to provide clinical leadership for evidence-based practice and to contribute to the development of nursing science through practice, evaluation, and outcomes research. The faculty recognizes the uniqueness of individual students as adult learners and strives to provide flexible opportunities for learning. The Graduate Nursing Core provides students with the foundation for: the science of nursing; health policy; the complex health needs of diverse populations; and, **for CNS students**, preparation in the role of the Advanced Practice Nurse. **The Nursing Education core and specialty development provides Nurse Educator students to assume the nurse educator role in various educational settings.** The Advanced Practice Core provides CNS students with the advanced knowledge and skills for a comprehensive approach to the management of client problems. The Clinical Nurse Specialist Core provides **CNS** students with the experience and guidance in advanced clinical decision making to ensure quality care for diverse populations. The Thesis or Research Project allows **CNS** students to contribute to new knowledge in nursing through original research, replication studies, dissemination efforts, and utilization projects. The thesis or scholarly project requirement also prepares graduates for further study in a doctoral program. The required Capstone experience, a written comprehensive exam, provides all students the opportunity to demonstrate their ability to synthesize knowledge from the core areas and communicate their ideas effectively.

Upon the completion of the program of studies the graduate will be able to:

9. Promote evidence-based practice through problem identification and the critique of research findings.
10. Collaborate in policy development, resource management, and cost-effective care delivery.
11. Apply legal/ethical principles to promote a values-based professional practice.
12. Effect health care outcomes through advanced roles of clinician, teacher, manager, researcher, and consultant.
13. Utilize theories from nursing and other disciplines for decision making.
14. Advocate for access to quality health care for diverse populations.
15. Collaborate with other disciplines to design, deliver, and evaluate health care services for diverse populations.
16. Provide leadership in education in a variety of clinical and academic settings.

**Areas of Concentration:** Clinical nurse specialist; nurse educator

**Primary Areas of Faculty Research:** Cardiopulmonary physiology; placement, recruitment and retention of advanced practice nurses; attrition and retention of nursing students; nurse educator leadership; professional development; older adults and dementia.

**Admission Requirements:** 1) Admission to the University of Arkansas Graduate School. 2) Completion of a baccalaureate degree in nursing from an NLNAC or CCNE accredited program. 3) Current unencumbered license to practice as a registered nurse. 4) Completion of a basic health assessment course (academic or continuing education). 5) Completion of a basic-level statistics course with a grade of "C" or above. 6) Evidence of current CPR (American Heart Association for Professionals) certification, TB screening, Hepatitis immunization, professional liability insurance, and health insurance. 7) Basic computer and library skills including the use of electronic databases. 8) Qualified applicants will be admitted on a space available basis.

**Requirements for the Master of Science in Nursing Degree - Clinical Nurse Specialist Concentration:**

In addition to the general requirements of the Graduate School, students must complete a minimum of 41 credits (44 credits with thesis option) including the following courses: Graduate Nursing Core courses: NURS 5003, 5033, 5043, 5053, 5063; Advanced Practice Core courses: NURS 5143, 5102, 5111, 5123; Clinical Specialist Core courses: NURS 5212, 5225, 5232, 5245. Students complete a total of 500 hours of clinical practicum. Students who select the thesis option complete a minimum of six credits of thesis that

will count toward the degree. As an alternative to completing a thesis, students may elect the scholarly project option and are required to complete a three-credit independent study. Students who intend to pursue doctoral preparation are strongly urged to select the thesis option. All candidates for the Master of Science in Nursing (MSN) must successfully complete a comprehensive written exam.

**Requirements for the Master of Science in Nursing Degree - Nurse Educator Concentration:** In addition to the general requirements of the Graduate School, students must complete 33 credits including the following courses: Graduate Nursing Core courses: NURS 5003, 5043, 5053, 5063; Nursing Education Core courses: NURS 5303, 5313, and 5323; Specialty courses: NURS 5343 and 5353; and, six credits of approved electives. All candidates for the Master of Science in Nursing (MSN) must successfully complete a comprehensive written exam.

## 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 5C**

**LETTER OF NOTIFICATION – 3**

**NEW OPTION, CONCENTRATION, EMPHASIS**

(Maximum 18 semester credit hours of new theory courses and 6 credit hours of new practicum courses)

- 1 **Institution submitting request:** University of Arkansas Fayetteville
- 2 **Contact person/title:** Nancy Talburt, Vice-Provost Academic Affairs
- 3 **Phone number/e-mail address:** 479-575-2151 / [net@uark.edu](mailto:net@uark.edu)
- 4 **Proposed effective date:** Fall 2011
- 5 **Title of degree program:** Master of Science in Nursing
- 6 **CIP Code:** 51.3801
- 7 **Degree Code:** 7080
- 8 **Proposed option/concentration/emphasis name:** Clinical Nurse Specialist
- 9 **Reason for proposed action:** Faculty plan to offer two concentrations under the current Master of Science in Nursing degree. The current degree plan prepares clinical nurse specialists. A second concentration to prepare nurse educators is proposed under a separate Letter of Notification. As part of our regular curriculum review process in light of the American Association of Colleges of Nursing (2010) upcoming revision of the Essentials of Master's Education document used by our accrediting body, the Collegiate Commission on Nursing Education (CCNE), faculty determined that graduates of the MSN program will be key change agents in evidence-based practice in health care settings. We determined that our two course sequence in Advanced Nursing Research could be revised to a three credit course with an emphasis on evidence-based practice and innovation to address safety and quality outcomes. We also determined that there is an increased focus on health policy. The addition of a separate three credit course in Health Policy is proposed as a way to address the increased demands on MSN prepared nurses to provide leadership for system change that addresses access, cost, and quality of health care. We are also making a course sequence change to ensure that students fully understand the differences among advanced practice roles of the nurse by offering NURS 5033 Role Development of the Advanced Practice Clinical Nurse Specialist in the fall rather than the spring and offering NURS 5143 Advanced Pathophysiology in the spring. Students will continue to complete 500 clinical practicum hours total for the program.

10 **New option/concentration/emphasis objective:** To prepare graduate nurses for positions as Clinical Nurse Specialist

11. **Provide the following:**

a. **Curriculum outline – List of required courses**

**Graduate Nursing Core Courses:**

NURS 5003	Nursing Theory
NURS 5033	Role Development of the Advanced Practice Clinical Nurse Specialist
NURS 5043	Advanced Concepts in Health Promotion with Diverse Populations
NURS 5053	Evidence-based Practice and Innovation in Nursing
NURS 5063	Health Policy

**Advanced Practice Core Courses:**

NURS 5143	Advanced Pathophysiology
NURS 5102	Advanced Health Assessment
NURS 5111	Clinical Practicum: Advanced Health Assessment
NURS 5123	Advanced Pharmacology

**Clinical Nurse Specialist Courses:**

NURS 5212	Advanced Medical-Surgical Nursing I
NURS 5225	Clinical Practicum: Advanced Medical-Surgical Nursing I
NURS 5232	Advanced Medical-Surgical Nursing II
NURS 5245	Clinical Practicum: Advanced Medical-Surgical Nursing II

Thesis Option = 6 credits

Independent Study option = 3 credits

b. **New course descriptions**

NURS 5053 Evidence-based Practice and Innovation - This course focuses on developing evidence-based practice and innovation in nursing. Models and strategies for leadership in evidence-based practice and innovation, outcomes management, and translational scholarship will be examined.

NURS 5063 Health Policy - The course provides the concepts of the political process, health care policy, advocacy, leadership skills, legislative and regulatory issues, health care financing, designing and implementing health care policies and evaluating outcomes. Access, cost, and quality of health care will be a major focus of the course.

**c. Program goals and objectives**

The online MSN program prepares students as Clinical Nurse Specialists (CNS) who are eligible to take national certification exams and apply for licensure as Advanced Practice Nurses. Program objectives focus on the roles of expert clinician, consultant, educator, manager, and researcher. Graduates are prepared to provide clinical leadership for evidence-based practice and to contribute to the development of nursing science through practice, evaluation, and outcomes research.

**d. Expected student learning outcomes**

Upon the completion of the program of studies the graduate will be able to:

1. Promote evidence-based practice through problem identification and the critique of research findings.
2. Collaborate in policy development, resource management, and cost-effective care delivery.
3. Apply legal/ethical principles to promote a values-based professional practice.
4. Effect health care outcomes through advanced roles of clinician, teacher, manager, researcher, and consultant.
5. Utilize theories from nursing and other disciplines for decision making.
6. Advocate for access to quality health care for diverse populations.
7. Collaborate with other disciplines to design, deliver, and evaluate health care services for diverse populations.
8. Provide leadership in education in a variety of clinical and academic settings.

**12. Will the new option be offered via distance delivery? Yes**

**13. Mode of delivery to be used:** Blackboard platform administrated through the University of Arkansas Global Campus.

**14. Explain in detail the distance delivery procedures to be used:** The new concentration will use the distance delivery system currently in place for the Master of Science in Nursing program. The program is delivered asynchronously using the Blackboard software system. Faculty will work with instructional design staff from the University of Arkansas Global Campus to develop and deliver the online courses. Technical support is available for both faculty and students through Global Campus.

**15. Is the degree approved for distance delivery?**

Yes, the Master of Science in Nursing degree was approved for distance delivery in 2007.



**16. List courses in option/concentration/emphasis. Include course descriptions for new courses.**

**Graduate Nursing Core Courses:**

NURS 5003	Nursing Theory
NURS 5033	Role Development of the Advanced Practice Clinical Nurse Specialist
NURS 5043	Advanced Concepts in Health Promotion with Diverse Populations
NURS 5053	Evidence-based Practice and Innovation in Nursing
NURS 5063	Health Policy

**Advanced Practice Core Courses:**

NURS 5143	Advanced Pathophysiology
NURS 5102	Advanced Health Assessment
NURS 5111	Clinical Practicum: Advanced Health Assessment
NURS 5123	Advanced Pharmacology

**Clinical Nurse Specialist Courses:**

NURS 5212	Advanced Medical-Surgical Nursing I
NURS 5225	Clinical Practicum: Advanced Medical-Surgical Nursing I
NURS 5232	Advanced Medical-Surgical Nursing II
NURS 5245	Clinical Practicum: Advanced Medical-Surgical Nursing II

Thesis Option = 6 credits

Independent Study option = 3 credits

NURS 5053 Evidence-based Practice and Innovation - This course focuses on developing evidence-based practice and innovation in nursing. Models and strategies for leadership in evidence-based practice and innovation, outcomes management, and translational scholarship will be examined.

NURS 5063 Health Policy - The course provides the concepts of the political process, health care policy, advocacy, leadership skills, legislative and regulatory issues, health care financing, designing and implementing health care policies and evaluating outcomes. Access, cost, and quality of health care will be a major focus of the course.

**17. Specify the amount of additional cost required, the source of funds and how funds will be used.**

No new cost as the program is currently in operation.

**President/Chancellor Approval Date:**

**Board of Trustees Notification Date:**

**Chief Academic Officer**

**Date:**



## ***ATTACHMENT 5D***

### ***NEW OPTION, CONCENTRATION, EMPHASIS***

(Maximum 18 semester credit hours of new theory courses and 6 credit hours of new practicum courses)

1. Institution submitting request: University of Arkansas
2. Contact person/title: Nancy Talburt, Vice-Provost Academic Affairs
3. Phone number/e-mail address: 479-575-2151/net@uark.edu
4. Proposed effective date: Fall 2011
5. Title of degree program: Master of Science in Nursing
6. CIP Code: 51.3801
7. Degree Code: 7080
8. Proposed option/concentration/emphasis name: Nurse Educator Concentration

Reason for proposed action: In order to address the current and projected shortage of nurse educator, faculty in EMSN propose a second concentration to prepare nurse educators under the current online MSN degree program technically supported through the University of Arkansas Global Campus. The Eleanor Mann School of Nursing plans to double the enrollment in its BSN program and will need additional clinical faculty prepared at the master's degree level to accommodate the growth.

There are approximately 3,500 nursing programs (practical nurse, associate degree, diploma, baccalaureate, master's, and doctoral), within 2,500 schools of nursing. These schools enroll approximately 300,000 students; however, the supply is not keeping pace with the need for graduates. According to the American Association of Colleges of Nursing (2010), "faculty shortages at nursing schools across the country are limiting student capacity at a time when the need for professional registered nurses continues to grow." The average age for doctorally- and master's degree-prepared nurses is over 55 years. With the projected shortfall of nurses to meet the health care needs of our increasingly diverse and aging population, schools have increased their enrollments. Consequently, more nurse educators are needed to teach nursing students. Being a competent practitioner is not sufficient to being a nurse educator. The National League for Nursing stated the nurse educator needs core educator skills such as the ability to facilitate learning, advance the total development and professional socialization of the learner, design appropriate learning experiences, and evaluate learning outcomes.

Several sources of financial aid are available to encourage potential students to consider a career as a nurse educator. In 2009 Arkansas Act 9 was passed "to encourage nurses to teach in Arkansas nursing education programs. To be eligible for the loan, the applicant must be an

Arkansas resident enrolled in an accredited nursing program and be teaching or hired to teach in a nursing program located in Arkansas" Students are eligible for up to \$20,000 total award. They must be in a program that leads to qualifications as a nurse educator. Terms of the financial aid includes a commitment to teach for one year in a school of nursing in Arkansas following graduation for each year a scholarship was awarded (Arkansas State Board of Nursing, 2010). The Arkansas Graduate Nursing Education Student Loan and Scholarship Program, Arkansas Act 1468 was revised in 2005 to increase the number of nurse educators teaching in Arkansas nursing schools. Nurse educator students can fulfill the payback terms under similar terms.

2. New option/concentration/emphasis objective: To prepare graduate nurses for beginning positions as nurse educators in a variety of settings.

3. Provide the following:

a. Curriculum outline - List of required courses

NURS 5003 Nursing Theory

NURS 5043 Advanced Concepts in Health Promotion with Diverse Populations

NURS 5303 Foundations of Nursing Education

NURS 5053 Evidence-Based Practice and Innovation in Nursing

NURS 5063 Health Care Policy

NURS 5313 Curriculum and Evaluation

NURS 5323 Teaching in Nursing Practicum

NURS 5343 Independent Study: Specialty Development I

NURS 5353 Independent Study: Specialty Development II

6 hours of approved electives

Total for program: 33

b. New course descriptions

NURS 5343 Independent Study: Specialty Development I. This course will include two foci. There will be readings focused on current topics in a specialty area. A focused field experience will allow student to integrate knowledge and skills in a specialty area of nursing in preparation for the nurse educator role.

NURS 5353 Independent Study: Special Development II. Building on the Independent Study: Specialty Development I, this course will include two foci. There will be readings focused on current topics in a specialty area. A focused field experience will allow student to integrate knowledge and skills in a specialty area of nursing in preparation for the nurse educator role.

c. Program goals and objectives

The Master of Science in nursing graduate is prepared in the roles of expert clinician, consultant, educator, manager, and researcher. The graduate functions independently as a change agent and in collaborative roles on an interdisciplinary team to ensure safe and effective care for people. Graduates are prepared to provide clinical leadership for evidence-based practice and to contribute to the development of nursing science through practice, evaluation, and outcomes research.

4. Expected student learning outcomes
  1. Promote evidence-based practice through problem identification and the critique of research findings.
  2. Collaborate in policy development, resource management, and cost-effective care delivery.
  3. Apply legal/ethical principles to promote a values-based professional practice.
  4. Effect health care outcomes through advanced roles of clinician, teacher, manager, researcher, and consultant.
  5. Utilize theories from nursing and other disciplines for decision making.
  6. Advocate for access to quality health care for diverse populations.
  7. Collaborate with other disciplines to design, deliver, and evaluate programs for diverse populations
  8. Provide leadership in education in a variety of clinical and academic settings.
  
5. Will the new option be offered via distance delivery? yes
  
6. Mode of delivery to be used: Blackboard platform administrated through the University of Arkansas Global Campus.
  
7. Explain in detail the distance delivery procedures to be used: The new concentration will use the distance delivery system currently in place for the Master of Science in nursing program. The program is delivered asynchronously using the Blackboard software system. Faculty work with instructional design staff from the University of Arkansas Global Campus to develop and deliver the online courses. Technical support is available for both faculty and students through Global Campus.
  
8. Is the degree approved for distance delivery? Yes. The Master of Science in nursing degree was approved for distance delivery in 2007.
  
9. List courses in option/concentration/emphasis. Include course descriptions for new courses.
  - NURS 5003 Nursing Theory
  - NURS 5043 Advanced Concepts in Health Promotion with Diverse Populations
  - NURS 5303 Foundations of Nursing Education
  - NURS 5053 Evidence-Based Practice and Innovation in Nursing - This course focuses on developing evidence-based practice and innovation in nursing. Models and strategies for leadership in evidence-based practice and innovation, outcomes management, and translational scholarship will be examined. [This is a new course for the current and proposed MSN degree programs.]
  - NURS 5063 Health Care Policy - The course provides the concepts of the political process, health care policy, advocacy, leadership skills, legislative and regulatory issues, health care financing, designing and implementing health care policies and evaluating outcomes. Access, cost, and quality of health care will be a major focus of the course. [This is a new course for the current and proposed MSN degree programs.]
  - NURS 5313 Curriculum and Evaluation
  - NURS 5323 Teaching in Nursing Practicum

NURS 5343 Independent Study: Specialty Development I. This course will include two foci. There will be readings focused on current topics in a specialty area. A focused field experience will allow student to integrate knowledge and skills in a specialty area of nursing in preparation for the nurse educator role.

NURS 5353 Independent Study: Specialty Development II. Building on the Independent Study: Specialty Development I, this course will include two foci. There will be readings focused on current topics in a specialty area. A focused field experience will allow student to integrate knowledge and skills in a specialty area of nursing in preparation for the nurse educator role. 6 hours of approved electives

10. Specify the amount of the additional costs required, the source of funds, and how funds will be used. Students in the new concentration will be served by seven courses currently taught by EMSN faculty. Teaching assignments for the two new courses in the proposed concentration will be incorporated into the workload of the two new tenure-track faculty members hired by Fall 2010.

President/Chancellor Approval Date:

Board of Trustees Notification Date:

*Chief Academic Officer*

*Date:*