

## UNIVERSITY COURSE AND PROGRAMS COMMITTEE

### AGENDA

May 23, 2008

2:30 PM

Upchurch Conference Room

1. Approval of minutes for April 25, 2008. Meeting minutes can be viewed at <http://www.uark.edu/depts/gradinfo/dean/courseprog/minutes/index.html>.
2. Consent Agenda (Course change proposals can be reviewed at <https://www2.uark.edu/web-apps/regr/ccf/Main> or by going to the website of the Registrar and clicking on “Faculty/Staff” then “Curriculum Change Form,” and then “View Changes Pending Before the University Course and Programs Committee.”)
  - a. Undergraduate Course Change Proposals ([Table A](#))
  - b. Graduate and Dual Course Change Proposals ([Tables B and C](#))
3. Old Business: None
4. New Business:
  - a. Proposed undergraduate program change for the Walton College of Business – Department of Information Systems – ISYS-M, Minor in Information Systems - ([Table 1](#), [Attachment 1A](#)).
  - b. Proposed undergraduate program change for the Walton College of Business – Department of Information Systems - ISYSBS - BSBA, Information Systems - ([Table 1](#), [Attachment 1B](#) and [Attachment 1C](#)).
  - c. Proposed undergraduate program change for the College of Education and Health Professions – Department of Curriculum and Instruction – CATEBS – BSE, Career and Technical Education - TEED ([Table 2](#), [Attachment 2A](#)).
  - d. Proposed undergraduate program change for the College of Education and Health Professions – Department of Curriculum and Instruction – CATEBS – BSE, Career and Technical Education – FCSE ([Table 2](#), [Attachment 2B](#)).
  - e. Proposed graduate program change for the Department of Information Systems – INSYMI – MIS, Information Systems ([Table 3](#), [Attachments 3A – 3D](#))
5. Other Items for Consideration: None

**TABLE A****UCPC****Undergraduate Courses****May 23, 2008**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
ARSC	Psychology	PSYC	PSYC	4143	History and Systems of Psychology	U from D	CD, CEGUC	3	Fall 2009
EDUC	Education Dean	EDUD	HNED	4003H to 400VH	Honors Education Thesis/Project	U	CD, CHN, CCH	3 to variable	Fall 2009
EDUC	Health Science, Kinesiology, Recreation & Dance	HKRD	RECR	4093 to 2093	Inclusive and Special Recreation	U from D	CD, CHN, CEGUC	3	Fall 2009

**TABLE B****UCPC****Graduate Courses****May 23, 2008**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
ARSC	Anthropology	ANTH	ANTH	5023	Public Archeology	G	ELC	3	Fall 2008
ARSC	Arts & Science Dean	ARSD	ENDY	5063	Paleoclimatology to Climate Through Time	G	CT	3	Fall 2009
ARSC	Biological Sciences	BISC	BIOL	5063	Climate Through Time	G	ANC	3	Fall 2009
ARSC	Foreign Languages	FLAN	FREN	5533	French 17th Century Theatre	G	ELC	3	Fall 2008
ARSC	Foreign Languages	FLAN	FREN	5823	French 20th Century Literature	G	ELC	3	Fall 2008
ARSC	Foreign Languages	FLAN	GERM	600V	Master's Thesis	G	ELC	variable	Fall 2008
ARSC	Geosciences	GEOS	GEOS	5063	Climate Through Time	G	ANC	3	Fall 2009
ARSC	Political Sciences	PLSC	PADM	5853	Issues in Public and Nonprofit Management	G	ANC	3	Fall 2009
ARSC	Psychology	PSYC	PSYC	5153	Advanced History and Systems of Psychology	G	ANC	3	Fall 2009
EDUC	Curriculum & Instruction	CIED	SPED	5103	Nature and Needs of the Moderately and Severely Retarded	G	ELC	3	Fall 2009
WCOB	Information Systems	ISYS	ISYS	511V	IT Toolkit & Skills Seminar	G	ANC	variable	Fall 2009

**Table C****UCPC****Dual Courses****May 23, 2008**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
ARSC	Anthropology	ANTH	ANTH	4143	Culture, History, and Political Economy	D	ELC	3	Fall 2008
ARSC	Anthropology	ANTH	ANTH	4163	Globalization: Crisis, Conflict and Capitalist Development	D	ELC	3	Fall 2008
ARSC	Anthropology	ANTH	ANTH	4173	The Latin American City	D	ELC	3	Fall 2008
ARSC	Anthropology	ANTH	ANTH	4631L	Archeological Prospecting & Remote Sensing Lab	D	ELC	1	Fall 2008
ARSC	English	ENGL	WLIT	4913	Literary Reflections of the Holocaust	D	ELC	3	Fall 2009
ARSC	English	ENGL	WLIT	4913H	Honors Literary Reflections of the Holocaust	D	ELC	3	Fall 2009
ARSC	Foreign Languages	FLAN	FREN	4063	Applied Languages: Phonology, Morphology, and Syntax	D	ELC	3	Fall 2008
ARSC	Foreign Languages	FLAN	FREN	4343	Business French: Quebec	D	ELC	3	Fall 2008
ARSC	Foreign Languages	FLAN	RUSS	4003	Advanced Russian I	D	ELC	3	Fall 2008
ARSC	Foreign Languages	FLAN	RUSS	4013	Advanced Russian II	D	ELC	3	Fall 2008
ARSC	History	HIST	HIST	4153	Modern Ireland, 1798-1948	D	ANC	3	Fall 2009
ARSC	History	HIST	HIST	4793	Colonial India, 1758-1948	D	ANC	3	Spring 2009
ARSC	Music	MUSC	MUSY	4113H	Pro-Seminar: Ethnomusicology	D	ANC	3	Fall 2009
ARSC	Music	MUSC	MUSY	477VH	Special Topics in Ethnomusicology	D	ANC	variable	Fall 2009
ARSC	Music	MUSC	MUTH	4703	Form and Analysis to Writing Music Analysis	D	CT, CD	3	Fall 2009

ARSC	Psychology	PSYC	PSYC	4143	History and Systems of Psychology	D to U	CD, CEGUC	3	Fall 2009
EDUC	Health Science, Kinesiology, Recreation & Dance	HKRD	RECR	4093 to 2093	Inclusive and Special Recreation	D to U	CD, CHN, CEGUC	3	Spring 2009

## KEY

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### ACTION

ANC=	ADD NEW COURSE
ELC=	ELIMINATE COURSE
CT=	CHANGE TITLE
CD=	CHANGE DESCRIPTION
CHN=	CHANGE COURSE NUMBER FROM ___ TO ___
CCH=	CHANGE CREDIT HOURS FROM ___ TO ___
CL=	CROSS LISTED
CEUDC=	CHANGE EXISTING UNDERGRADUATE COURSE TO DUAL CREDIT
CEUGC=	CHANGE EXISTING UNDERGRADUATE COURSE TO GRADUATE CREDIT
CEGUC=	CHANGE EXISTING DUAL/GRADUATE COURSE TO UNDERGRADUATE CREDIT
OTH=	OTHER
RA=	REACTIVATE COURSE
IN=	INACTIVATE COURSE

**TABLE A****UCPC****Undergraduate Courses****May 23, 2008**

COLL	DEPARTMENT NAME	DEPT	CRSE ALPHA	CRSE NUM	CRSE TITLE	CREDIT LEVEL	ACTION	CREDIT HOURS	EFFECTIVE DATE
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EDUC	Education Dean	EDUD	HNED	4003H to 400VH	Honors Education Thesis/Project	U	CD, CHN, CCH	3 to variable	Fall 2009
EDUC	Health Science, Kinesiology, Recreation & Dance	HKRD	RECR	4093 to 2093	Inclusive and Special Recreation	U from D	CD, CHN, CEGUC	3	Fall 2009

**TABLE B****UCPC****Graduate Courses****May 23, 2008**

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ARSC	Foreign Languages	FLAN	GERM	600V	Master's Thesis	G	ELC	variable	Fall 2008
ARSC	Geosciences	GEOS	GEOS	5063	Climate Through Time	G	ANC	3	Fall 2009
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WCOB	Information Systems	ISYS	ISYS	511V	IT Toolkit & Skills Seminar	G	ANC	variable	Fall 2009



**Table C****UCPC****Dual Courses****May 23, 2008**

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ARSC	Anthropology	ANTH	ANTH	4163	Globalization: Crisis, Conflict and Capitalist Development	D	ELC	3	Fall 2008
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ARSC	Music	MUSC	MUSY	4113H	Pro-Seminar: Ethnomusicology	D	ANC	3	Fall 2009
ARSC	Music	MUSC	MUSY	477VH	Special Topics in Ethnomusicology	D	ANC	variable	Fall 2009
ARSC	Music	MUSC	MUTH	4703	Form and Analysis to Writing Music Analysis	D	CT, CD	3	Fall 2009

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CEGUC=	CHANGE EXISTING DUAL/GRADUATE COURSE TO UNDERGRADUATE CREDIT
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**University Course and Programs Committee**  
**23-May-08**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**Walton College of Business**

Department of Information Systems

ISYS-M - Minor in Information Systems for Business Majors - Attachment 1A  
Proposal requests revisions to the minor requirements and course listing as specified in Section V of Attachment 1A.

ISYSBS - Information Systems, BSBA - Attachments 1B and 1C  
Proposal requests to add three areas of concentration and make many changes to the degree program. Please refer to Attachment 1C, Letter of Notification, for more details.

**TABLE TWO**

**College of Education and Health Professions**

Department of Curriculum and Instruction

CATEBS - Career and Technical Education, BSE - TEED - Attachment 2A  
Proposal requests to modify computer and mathematics requirements as specified in Section V of Attachment 2A.

CATEBS - Career and Technical Education, BSE- FCSE - Attachment 2B  
Proposal requests to delete two courses, ETEC 2001 and 2002L and add CATE 1003 as specified in Section V of Attachment 2B.

**TABLE THREE**

**GRADUATE PROGRAM CHANGES**

Department of Information Systems

INSYMI - Information Systems, MIS - Attachments 3A - 3D  
Proposal requests to delete two concentrations, add a concentration and modify course requirements for all concentrations as specified in Section V of Attachment 3A and Letters of Notification, Attachments 3B, 3C and 3D.

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: [ ] Major/Field of Study [X] Minor [ ] Other Unit [ ] Policy
Level: [X] Undergraduate [ ] Graduate [ ] Law Effective Catalog Year
Current Name Information Systems Minor for Business Majors
College, School, Division WCOB Department Code ISYS
Current Code (6 digit Alpha) ISYS-M Proposed Code (6 digit Alpha)
[ ] Interdisciplinary Program CIP Code 11.0301
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 Information Systems Department wishes to revise and update the Information Systems (ISYS) minor for Business majors. Specifically, course requirements are revised (as well as course titles) in coordination with revisions to the major. As a consequence, the Information Systems minor is coordinated with the Eight-Semester degree programs for the three concentrations are included. Old requirements:

The 15 hours include the following courses:  
ISYS 2263 Intro. to Information Systems Development  
ISYS 3253 IT Infrastructure  
ISYS 3293 System Analysis and Design  
ISYS 3393 Business Applications and Visual Basic  
Plus one of the following:  
ISYS 4373 Object Oriented Programming  
ISYS 4283 Centralized Data Systems  
ISYS 4293 Business Intelligence  
WCOB 4213 ERP Fundamentals

### New requirements:

The 15 hours include the following courses:  
ISYS 2263 Introduction to Information Systems  
ISYS 3293 Systems Analysis and Design  
ISYS 3393 Business Application Development  
Fundamentals  
WCOB 4213 ERP Fundamentals  
Plus one of the following:  
WCOB 4223 ERP Configuration and Implementation  
Any Junior or Senior ISYS class

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.)*

Given the very dynamic Information Technology environment and based on input from alumni, companies, and faculty, the Information Systems Minor for Business Majors (in coordination with a revision to the Information Systems Major) is revised to include relevant and current courses for minors. The Information Systems Minor (and Major) is revised to ensure currency and relevancy to future IT professionals participating in the degree program. Existing courses are better deployed in the program revision.

## 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 of Studies copy:***

**Information Systems Minor for Business Students:**

The Department of Information Systems offers a minor for Walton College students desiring more knowledge of information systems to assist them in their careers. The minor requires completion of 15 hours of study with all of the courses applied toward the minor in residence. The 15 hours include the following courses:

- ISYS 2263 Intro. to Information Systems Development
- ISYS 3253 IT Infrastructure
- ISYS 3293 System Analysis and Design
- ISYS 3393 Business Applications and Visual Basic

Plus one of the following:

- ISYS 4373 Object Oriented Programming
- ISYS 4283 Centralized Data Systems
- ISYS 4293 Business Intelligence
- WCOB 4213 ERP Fundamentals

Students who desire to earn an Information Systems 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.

SEE PAGE 369 FOR INFORMATION SYSTEMS (ISYS) COURSES

***New Catalog of Studies copy with highlighted changes:***

**Information Systems Minor for Business Students:**

The Department of Information Systems offers a minor for Walton College students desiring more knowledge of information systems to assist them in their careers. The minor requires completion of 15 hours of study with all of the courses applied toward the minor in residence. The 15 hours include the following courses:

- ISYS 2263 **Introduction to Information Systems**
- ISYS 3293 **Systems Analysis and Design**
- ISYS 3393 **Business Application Development Fundamentals**
- WCOB 4213 **ERP Fundamentals**

Plus one of the following:

- WCOB 4223 **ERP Configuration and Implementation**
- Any Junior or Senior ISYS class**

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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.

SEE PAGE 369 FOR INFORMATION SYSTEMS (ISYS) COURSES

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

#### PROGRAM INVENTORY/DARS

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

#### REPORTING CODES

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

#### Distribution

Notification to:

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

7/2/07



**University Course and Programs Committee**  
**23-May-08**

**UNDERGRADUATE PROGRAM CHANGES**

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**TABLE TWO**

**College of Education and Health Professions**

Department of Curriculum and Instruction

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CATEBS - Career and Technical Education, BSE- FCSE - Attachment 2B  
Proposal requests to delete two courses, ETEC 2001 and 2002L and add CATE 1003 as specified in Section V of Attachment 2B.

**TABLE THREE**

**GRADUATE PROGRAM CHANGES**

Department of Information Systems

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ATTACHMENT 1B

Academic Policy Series

1622.20A

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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
Current Name Information Systems, BSBA
College, School, Division WCOB Department Code ISYS
Current Code (6 digit Alpha) ISYSBS Proposed Code (6 digit Alpha)
[ ] Interdisciplinary Program CIP Code 11.0301
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 Information Systems Department wishes to revise and update the Information Systems (ISYS) major degree program. Specifically, three areas of concentration are added (Enterprise Resource Planning, Enterprise Systems, and IT Applications Management) each with 6 hours of specified coursework of the total 24 hours for the major. As a consequence, the Eight-Semester degree programs for the three concentrations are included. Also refer to the Letter of Notification for additional details.

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

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

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### **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.)*

Given the very dynamic Information Technology environment and based on input from alumni, companies, and faculty, the Information Systems major is revised to include relevant and current program components such as large-scale enterprise systems and enterprise resource planning systems. Concentrations are added and corresponding concentration coursework reflects these relevant components. Moreover, the Information Systems minor is revised. The Information Systems major is revised to ensure currency and relevancy to future IT professionals participating in the degree program. Existing courses are better deployed in the program revision.

### **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.
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- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
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**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 of Studies copy:**

**INFORMATION SYSTEMS (ISYS)**

Moez Limayen  
Department Chair  
204 WCOB  
479-575-4500

- David D. Glass Chair in Information Systems and Distinguished Professor Davis (F.)
- George and Boyce Billingsley Endowed Chair in Information Systems and Professor Venkatesh
- M.D. Matthews Chair in Information Systems and Professor Cronan
- Edwin and Karlee Bradberry Endowed Chair and Associate Professor Hardgrave
- University Professors Douglas, Jones (T.W.)
- Professor Limayen
- Associate Professors Aloysius, O’Leary-Kelly (S.), Riemenschneider
- Assistant Professors Armstrong (D.), Maruping, Robert
- Visiting Assistant Professor Maruping
- Instructors Bristow, McDaniel
- Executive in Residence Mullins

The curriculum in information systems is designed to prepare graduates for careers in solving business problems with applications of computer technology.

Graduates with a degree in Information Systems are sought by hundreds of companies for many different types of positions, such as programmer, analyst, database administrator, and web developer, among others. Graduates are now programming, analyzing and designing systems, consulting, teaching, and solving business problems across the country.

**Information Systems Major Requirements**

The major in Information Systems requires 24 hours of major and collateral courses in the discipline as well as satisfying the other requirements for the B.S.B.A. degree. A maximum of 27 hours is allowed in a WCOB major or discipline field of study (i.e., core, major, electives) unless the extra courses are part of an interdisciplinary minor. The Information Systems department encourages its majors to seek an interdisciplinary minor. See an adviser for selection of courses.

NOTE: Course requirements in the Information Systems major total 24 credit hours. Because of prerequisites, students should allow two full years (24 months) to complete this coursework. Prerequisites are strictly enforced.

Complete the requirements for a B.S.B.A. degree as listed on page 203. Programming I (CSCE 1023/1021) is recommended as a general education elective.	HOURS
<b>Total General Education</b>	60
<b>Walton College Core Requirements</b> (See page 203)	33
<b>Course Requirements in the Major</b>	24
ISYS 2263 Intro. to IS Development	3
ISYS 3253 IT Infrastructure	3
ISYS 3293 System Analysis and Design	3
ISYS 3393 Business Applications in Visual Basic	3
ISYS 4283 Centralized Data Systems	3
ISYS 4293 Business Intelligence	3
ISYS 4363 Business Application Systems Development	3
ISYS 4373 Object Oriented Programming	3
<b>Junior- senior-level electives or interdisciplinary minor within Walton College</b>	15
(Maximum of 27 hours of ISYS 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

**Information Systems Eight-Semester Degree Program:**

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

Courses in **BOLD** must be taken in the designated semester. Courses in *ITALIC* may be taken in varied sequences as long as other designated requirements for these courses are met. Although other courses listed are not required to be completed in the designated sequence, the recommendations below are preferred.

**Fall Semester Year 1**

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

**15 Semester hours****Spring Semester Year 1**

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

**16 Semester hours****Fall Semester Year 2**

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

**18 Semester hours****Spring Semester Year 2**

- 3 *Fine Art/Humanities* – University Core
- 4 *Natural Science* – University Core
- 3 **ISYS 2263 Intro to Information Systems Development**
- 6 Select TWO of the following not completed in previous semester:
  - WCOB 2013 Markets and Consumers**
  - WCOB 2023 Production and Delivery of Goods and Services**
  - WCOB 2033 Acquiring and Managing Human Resources**
  - WCOB 2043 Acquiring and Managing Financial Resources**

**16 Semester hours**

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

**Fall Semester Year 3**

- 3 **ISYS 3293 Systems Analysis and Design**
- 3 **ISYS 3393 Business Application Dev. in the Visual Basic Environment**
- 6 WCOB 3016 Business Strategy and Planning
- 3 *Business Social Science*

**15 Semester hours****Spring Semester Year 3**

- 3 **ISYS 3253 Information Technology Infrastructure**
- 3 **ISYS 4373 Object Oriented Programming for Business Applications**
- 6 Junior Senior Business Electives
- 3 *ENGL 2003 OR ENGL 2013 OR General Education Elective IF*  
Advanced Composition Requirement  
has already been met \*\*\*

**15 Semester hours****Fall Semester Year 4**

- 3 **ISYS 4283 Centralized Database Systems**
- 7 *General Education Electives*
- 6 Junior Senior Business Electives

**16 Semester hours****Spring Semester Year 4**

- 3 **ISYS 4293 Business Intelligence**
- 3 **ISYS 4363 Business Application System Development**
- 6 *General Education Electives*
- 3 Junior Senior Business Elective

**15 Semester hours****126 Total hours**

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

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

### Information Systems Minor for Business Students:

The Department of Information Systems offers a minor for Walton College students desiring more knowledge of information systems to assist them in their careers. The minor requires completion of 15 hours of study with all of the courses applied toward the minor in residence. The 15 hours include the following courses:

ISYS 2263 Intro. to Information Systems Development  
ISYS 3253 IT Infrastructure  
ISYS 3293 System Analysis and Design  
ISYS 3393 Business Applications and Visual Basic

Plus one of the following:

ISYS 4373 Object Oriented Programming  
ISYS 4283 Centralized Data Systems  
ISYS 4293 Business Intelligence  
WCOB 4213 ERP Fundamentals

Students who desire to earn an Information Systems 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.

SEE PAGE 369 FOR INFORMATION SYSTEMS (ISYS) COURSES

*New Catalog of Studies copy with highlighted changes:*

### INFORMATION SYSTEMS (ISYS)

Moez Limayem  
Department Chair  
204 WCOB  
479-575-4500

- David D. Glass Chair in Information Systems and Distinguished Professor Davis (F.)
- George and Boyce Billingsley Endowed Chair in Information Systems and Professor Venkatesh
- Vice Chair, M.D. Matthews Chair in Information Systems, and Professor Cronan
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- Visiting Assistant Professor Maruping
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The curriculum in information systems is designed to prepare graduates for careers in solving business problems with applications of computer technology.

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### Information Systems Major Requirements

The major in Information Systems requires 24 hours of major and collateral courses in the discipline as well as satisfying the other requirements for the B.S.B.A. degree. A maximum of 27 hours is allowed in a WCOB major or discipline field of study (i.e., core, major, electives) unless the extra courses are part of an interdisciplinary minor. The Information Systems department encourages its majors to seek an interdisciplinary minor. See an adviser for selection of courses. NOTE: Course requirements in the Information Systems major total 24 credit hours. Because of prerequisites, students should allow two full years (24 months) to complete this coursework. Prerequisites are strictly enforced.

Complete the requirements for a B.S.B.A. degree as listed on page 203. Programming I (CSCE 1023/1021) is recommended as a general education elective.

	HOURS
<b>Total General Education</b>	<b>60</b>
<b>Walton College Core Requirements</b>	<b>33</b>

(See page 203)

<b>Course Requirements in All Concentrations</b>	<b>24</b>
ISYS 2263 Intro. to IS Development	3
ISYS 3293 System Analysis and Design	3
ISYS 3393 Business Applications in Visual Basic	3
ISYS 4283 Centralized Data Systems	3
ISYS 4363 Business Application Systems Development	3
WCOB 4213 ERP Fundamentals	3
Note: These required courses represent a common body of knowledge for all information systems majors. Majors must select one of the following concentrations and must complete six hours of coursework in the elected concentration.	
<b>Concentration I: Enterprise Resource Planning</b>	
WCOB 4223 ERP Configuration and Implementation	3
ISYS 4233 ERP Development	3
<b>Concentration II: Enterprise Systems</b>	
ISYS 4453 Introduction to Enterprise Servers	3
ISYS 4463 Enterprise Transaction Systems	3
<b>Concentration III: IT Applications Management</b>	
ISYS 4373 Object-Oriented Programming for Business Applications	3
ISYS 4243 Current Topics in Computer Information	3
<b>Junior- senior-level electives or interdisciplinary minor within Walton College</b>	<b>15</b>
(Maximum of 27 hours of ISYS 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>	<b>60</b>
<b>Total Degree Requirements</b>	<b>126</b>

#### **Information Systems Eight-Semester Degree Program:**

Students wishing to follow the eight-semester degree plan for Information Systems should see page 42 in the Academic Regulations Chapter for university requirements of the program. Courses in **BOLD** must be taken in the designated semester. Courses in *ITALIC* may be taken in varied sequences as long as other designated requirements for these courses are met. Although other courses listed are not required to be completed in the designated sequence, the recommendations below are preferred.

#### **Enterprise Resource Planning Concentration**

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

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

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

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

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

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

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

3 *Fine Art/Humanities* – University Core  
4 *Natural Science* – University Core  
3 **ISYS 2263 Intro to Information Systems Development**

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

**WCOB 2013 Markets and Consumers**

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

**WCOB 2033 Acquiring and Managing Human Resources**

**WCOB 2043 Acquiring and Managing Financial Resources**

**16 Semester hours**

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

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

3 **ISYS 3293 Systems Analysis and Design**

3 **Junior Senior Business Electives**

6 WCOB 3016 Business Strategy and Planning

3 *Business Social Science*

**15 Semester hours**

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

3 **ISYS 3393 Business Application Dev. in the Visual Basic Environment**

3 **WCOB 4213 ERP Fundamentals**

6 Junior Senior Business Electives

3 *ENGL 2003 OR ENGL 2013 OR General Education Elective IF*

Advanced Composition Requirement

has already been met \*\*\*

**15 Semester hours**

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

3 **ISYS 4283 Centralized Database Systems**

3 **WCOB 4223 ERP Configuration and Implementation**

7 *General Education Electives*

3 Junior Senior Business Electives

**16 Semester hours**

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

3 **ISYS 4363 Business Application System Development**

3 **ISYS 4233 ERP Development**

6 *General Education Electives*

3 Junior Senior Business Elective

15 Semester hours

**126 Total hours**

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

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

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

#### **Enterprise Systems Concentration**

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

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

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

3 **COMM 1313 Speech Communication**

1 **WCOB 1111 Freshman Business Connections**

2 WCOB 1012 Legal Environment of Business \*

0 **WCOB 1120 Computer Competency Requirement**

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

**15 Semester hours**

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

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

3 **WCOB 1023 Business Foundations**

3 **WCOB 1033 Data Analysis**

3 **ECON 2023 Microeconomics** – University Core

4 *Natural Science* – University Core

**16 Semester hours**

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

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

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

6 Select TWO of the following:

**WCOB 2013 Markets and Consumers**

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

**WCOB 2033 Acquiring and Managing Human Resources**

**WCOB 2043 Acquiring and Managing Financial Resources**

3 *Fine Art/Humanities* – University Core

3 *Social Science* – University Core

**18 Semester hours**

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

3 *Fine Art/Humanities* – University Core

4 *Natural Science* – University Core

3 **ISYS 2263 Intro to Information Systems Development**

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



**WCOB 2013 Markets and Consumers**  
**WCOB 2023 Production and Delivery of Goods and Services**  
**WCOB 2033 Acquiring and Managing Human Resources**  
**WCOB 2043 Acquiring and Managing Financial Resources**  
**16 Semester hours**  
ALL pre-business requirements should be met by end of term

**Fall Semester Year 3**  
**3 ISYS 3293 Systems Analysis and Design**  
3 Junior Senior Business Electives  
6 **WCOB 3016 Business Strategy and Planning**  
3 *Business Social Science*  
**15 Semester hours**

**Spring Semester Year 3**  
**3 ISYS 3393 Business Application Dev. in the Visual Basic Environment**  
3 **WCOB 4213 ERP Fundamentals**  
6 Junior Senior Business Electives  
3 *ENGL 2003 OR ENGL 2013 OR General Education Elective IF*  
Advanced Composition Requirement  
has already been met \*\*\*  
**15 Semester hours**

**Fall Semester Year 4**  
3 **ISYS 4283 Centralized Database Systems**  
3 **ISYS 4453 Introduction to Enterprise Servers**  
7 *General Education Electives*  
3 Junior Senior Business Electives  
**16 Semester hours**

**Spring Semester Year 4**  
3 **ISYS 4363 Business Application System Development**  
3 **ISYS 4463 Enterprise Transaction Systems**  
3 *General Education Electives*  
3 Junior Senior Business Elective  
15 Semester hours  
**126 Total hours**

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

### **IT Applications Concentration**

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

**Spring Semester Year 1**  
3 *ENGL 1023 Composition II* \*\* - University Core  
3 **WCOB 1023 Business Foundations**  
3 **WCOB 1033 Data Analysis**  
3 **ECON 2023 Microeconomics** – University Core  
4 *Natural Science* – University Core  
**16 Semester hours**

**Fall Semester Year 2**  
3 **MATH 2043 Survey of Calculus** \*\*  
3 *ECON 2013 Macroeconomics* \*\* - University Core  
6 Select TWO of the following:  
**WCOB 2013 Markets and Consumers**  
**WCOB 2023 Production and Delivery of Goods and Services**  
**WCOB 2033 Acquiring and Managing Human Resources**  
**WCOB 2043 Acquiring and Managing Financial Resources**  
3 *Fine Art/Humanities* – University Core  
3 *Social Science* – University Core  
**18 Semester hours**

**Spring Semester Year 2**  
3 *Fine Art/Humanities* – University Core  
4 *Natural Science* – University Core  
3 **ISYS 2263 Intro to Information Systems Development**  
6 Select TWO of the following not completed in previous semester:  
**WCOB 2013 Markets and Consumers**

**WCOB 2023 Production and Delivery of Goods and Services**  
**WCOB 2033 Acquiring and Managing Human Resources**  
**WCOB 2043 Acquiring and Managing Financial Resources**  
**16 Semester hours**  
ALL pre-business requirements should be met by end of term

**Fall Semester Year 3**  
3 **ISYS 3293 Systems Analysis and Design**  
3 Junior Senior Business Electives  
6 **WCOB 3016 Business Strategy and Planning**  
3 *Business Social Science*  
**15 Semester hours**

**Spring Semester Year 3**  
3 **ISYS 3393 Business Application Dev. in the Visual Basic Environment**  
3 **WCOB 4213 ERP Fundamentals**  
6 Junior Senior Business Electives  
3 **ENGL 2003 OR ENGL 2013 OR General Education Elective IF**  
Advanced Composition Requirement  
has already been met \*\*\*  
**15 Semester hours**

**Fall Semester Year 4**  
3 **ISYS 4283 Centralized Database Systems**  
3 **ISYS 4373 Object-Oriented Programming for Business Applications**  
7 *General Education Electives*  
3 Junior Senior Business Electives  
**16 Semester hours**

**Spring Semester Year 4**  
3 **ISYS 4363 Business Application System Development**  
3 **ISYS 4243 Current Topics in Computer Information**  
6 *General Education Electives*  
3 Junior Senior Business Elective  
15 Semester hours  
**126 Total hours**

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

**Information Systems Minor for Business Students:**

The Department of Information Systems offers a minor for Walton College students desiring more knowledge of information systems to assist them in their careers. The minor requires completion of 15 hours of study with all of the courses applied toward the minor in residence. The 15 hours include the following courses:

ISYS 2263 Intro. to Information Systems Development  
ISYS 3293 Systems Analysis and Design  
ISYS 3393 Business Applications and Visual Basic  
**WCOB 4213 ERP Fundamentals**

Plus one of the following:

**WCOB 4223 ERP Configuration and Implementation**  
**Any Junior or Senior ISYS class**

Students who desire to earn an Information Systems 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.

SEE PAGE 369 FOR INFORMATION SYSTEMS (ISYS) COURSES

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

PROGRAM INVENTORY/DARS

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

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

REPORTING CODES

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

REQ. DEF.

Initials \_\_\_\_\_

Date \_\_\_\_\_

**Distribution**

Notification to:

(1) College  
(7) Treasurer

(2) Department  
(8) Undergraduate Program Committee

(3) Admissions

(4) Institutional Research

(5) Continuing Education

(6) Graduate School

7/2/07

# ATTACHMENT 1C

## 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**
2. Contact person/title: **Dr. Nancy Talburt, Vice Provost for Academic Affairs**
3. Phone number/e-mail address:  
**Phone: (479) 575-2151**  
**E-mail: [netal@uark.edu](mailto:netal@uark.edu)**
4. Proposed effective date: **August 2009**
5. Title of degree program: **Information Systems BSBA**
6. CIP Code: **11.0301**
7. Degree Code: **3630**
8. Proposed option/concentration/emphasis name:

**The following concentrations are added to the Information Systems degree --**

**Concentration I: Enterprise Resource Planning**

**Concentration II: Enterprise Systems**

**Concentration III: IT Applications Management**

**Concentration I: Enterprise Resource Planning**

WCOB 4223 ERP Configuration and Implementation	3
ISYS 4233 ERP Development	3

**Concentration II: Enterprise Systems**

ISYS 4453 Introduction to Enterprise Servers	3
ISYS 4463 Enterprise Transaction Systems	3

**Concentration III: IT Applications Management**

ISYS 4373 Application Development with Java	3
ISYS 4243 Current Topics in Computer Information	3

9. Reason for proposed action:

**Given the very dynamic Information Technology environment and based on input from alumni, companies, and faculty, the Information Systems major is revised to include relevant and current program components such as large-scale enterprise systems and enterprise resource planning systems. Concentrations are added and corresponding concentration coursework reflects these relevant components. The Information Systems major is revised to ensure currency and relevancy to future IT professionals participating in the degree program. Existing courses are better deployed in the program revision.**

10. New option/concentration/emphasis objective:

**The objective for the new areas of concentration with concentration appropriate coursework is to provide the most current curriculum of relevant topics for the students in the Information Systems degree program.**

**Concentration objectives of the Information Systems degree --**

**Concentration I: Enterprise Resource Planning – provide current and relevant aspects of large scale software for enterprise-level applications to include integrated business processes and applications**

**Concentration II: Enterprise Systems – provide current and relevant aspects of large scale enterprise computing systems (software applications development and management)**

**Concentration III: IT Applications Management – provide current and relevant aspects of developing and managing business applications that support decision making**

11. Provide the following:

a. List of required courses

**Information Systems (ISYS)**

<b>Course Requirements in All Concentrations</b>	<b>24</b>
ISYS 2263 Introduction to Information Systems	3
ISYS 3293 System Analysis and Design	3
ISYS 3393 Business Application Development Fundamentals	3
ISYS 4283 Business Database Systems	3
ISYS 4363 Business Project Development	3
WCOB 4213 ERP Fundamentals	3

Note: These required courses represent a common body of knowledge for all information systems majors. Majors must select one of the following concentrations and must complete six hours of coursework in the elected concentration.

**Concentration I: Enterprise Resource Planning**

WCOB 4223 ERP Configuration and Implementation	3
ISYS 4233 ERP Development	3

**Concentration II: Enterprise Systems**

ISYS 4453 Introduction to Enterprise Servers	3
ISYS 4463 Enterprise Transaction Systems	3

**Concentration III: IT Applications Management**

ISYS 4373 Application Development with Java	3
ISYS 4243 Current Topics in Computer Information	3

**Junior- senior-level electives or interdisciplinary minor within Walton College** **15**

b. New course descriptions

**No new courses**

c. Program goals and objectives

**The curriculum in Information Systems is designed to prepare graduates for careers in solving business problems with applications of computer technology. Graduates with a degree in Information Systems are sought by hundreds of companies for many different types of positions, such as programmer, analyst, database administrator, and web developer,**

among others. Graduates are now programming, analyzing and designing systems, consulting, teaching, and solving business problems across the country.

d. Expected student learning outcomes

**The expected outcomes should be that every Information Systems student would be prepared with the most current and relevant skill sets entering the workforce to include –**

- effectively organize and communicate (both written and oral) business information so that it can be understood by individuals with diverse backgrounds, capabilities and interests.
- effectively work in teams and interact with persons from a variety of backgrounds, interests and roles in order to accomplish business related goals and objectives, while fostering an atmosphere of tolerance and fairness.
- make, and develop support for, strategic business decisions based on a systematic and objective consideration of the problems, the issues, and the relative merits of feasible alternatives using appropriate critical thinking and problem solving skills.
- effectively use and apply prevalent business-related technology while interpreting the various benefits, costs, and risks associated with its use.
- display attitudes and develop behaviors consistent with exemplary professional character and standards of the business community, as well as the norms of the environment in which they interact. They will incorporate objectivity, integrity, ethical behavior and sensitivity to cultural issues in their business dealings.
- understand the integrative, interdisciplinary and international nature of business processes and be able to develop IT solutions supporting these business processes (e.g.: accounting, logistics, marketing, distribution, and forecasting.) They will demonstrate an enhanced ability to apply concepts to new situations and recognize the importance of continuously acquiring new skills and knowledge.

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

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

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.

**Concentration I: Enterprise Resource Planning**

WCOB 4223 ERP Configuration and Implementation	3
ISYS 4233 ERP Development	3

**Concentration II: Enterprise Systems**

ISYS 4453 Introduction to Enterprise Servers	3
ISYS 4463 Enterprise Transaction Systems	3

**Concentration III: IT Applications Management**

ISYS 4373 Application Development with Java	3
ISYS 4243 Current Topics in Computer	3

**No new courses**

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

**No additional costs anticipated**

Board of Trustees Approval Date:

Chief Academic Officer

Date:

**University Course and Programs Committee**  
**23-May-08**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**Walton College of Business**

Department of Information Systems

ISYS-M - Minor in Information Systems for Business Majors - Attachment 1A  
Proposal requests revisions to the minor requirements and course listing as specified in Section V of Attachment 1A.

ISYSBS - Information Systems, BSBA - Attachments 1B and 1C  
Proposal requests to add three areas of concentration and make many changes to the degree program. Please refer to Attachment 1C, Letter of Notification, for more details.

**TABLE TWO**

**College of Education and Health Professions**

Department of Curriculum and Instruction

CATEBS - Career and Technical Education, BSE - TEED - Attachment 2A  
Proposal requests to modify computer and mathematics requirements as specified in Section V of Attachment 2A.

CATEBS - Career and Technical Education, BSE- FCSE - Attachment 2B  
Proposal requests to delete two courses, ETEC 2001 and 2002L and add CATE 1003 as specified in Section V of Attachment 2B.

**TABLE THREE**

**GRADUATE PROGRAM CHANGES**

Department of Information Systems

INSYMI - Information Systems, MIS - Attachments 3A - 3D  
Proposal requests to delete two concentrations, add a concentration and modify course requirements for all concentrations as specified in Section V of Attachment 3A and Letters of Notification, Attachments 3B, 3C and 3D.

**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:       Major/Field of Study       Minor      x Other Unit **TEED concentration**  Policy

Level:               Undergraduate       Graduate       Law      Effective Catalog Year **2009**

Current Name              **Bachelor of Science in Education**

College, School, Division **EDUC**              Department Code **CIED**

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

Interdisciplinary Program              CIP Code 13.1319  
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: Delete CSCE 1013 College Computing Skills - This course may be deleted from the computer science curriculum after the 2008/09 school year. Most students have the skills taught in this class.**  
**Delete ETEC 2001/2002L - This course and lab are no longer taught. Change MATH 1203 College Algebra to MATH 3773**



**Geometry. Most student have the algebra background from high school. If not we will advise them to take it as an elective credit. Geometry is a math that is used extensively in several of the classes that Technology students will take and teach at the secondary level, such as Drafting/CADD and CIM (Computer Integrated Manufacturing). Change MATH 2043 Survey of Calculus to MATH 1213 Trigonometry. Technology Education Teachers do not have a need for Calculus but do have a need for Trigonometry. Trig is used in teaching courses at the secondary level such as digital electronics and civil engineering and architecture. The decision to change the two math courses was also supported by Mark Arnold, Associate Professor, MASC.**

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.)*

**TEED is requesting that CSCE 1013 College Computing Skills be deleted from its requirements because this course may be deleted from the computer science curriculum and most students come to the university with the skills that are taught in this course. TEED is requesting that we change the MATH 1203 college Algebra to MATH 3773 Geometry because most students have the algebra background and geometry is a math that is used extensively in several of the classes that technology students will take and teach at the secondary level such as Drafting/CADD, and CIM (Computer Integrated Manufacturing). TEED is requesting that we change the MATH 2043 Survey of Calculus to MATH 1213 Trigonometry because our students do not need Calculus but do need Trigonometry for the courses they take in the TEED program and for the classes they will teach at the secondary level such as digital electronics, and civil engineering and architecture.**

#### **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 Text

### **Technology Education (TEED)**

**Charles Rossetti**

**Advisor**

**241 Peabody Hall**

**479-575-3076**

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

Completion of the Bachelor of Science in Education degree leads to initial licensure in Arkansas. This concentration is designed for students who wish to teach in a public school at the junior high or secondary level. Students should meet with their adviser for information regarding additional licensure plans (ALP) and endorsements. Refer to the college academic regulations, admission process for initial licensure for other requirements.

#### HOURS

University Core Requirements (State minimum core and graduation requirements)

35 - 38

Science concentration of core must include:

CHEM 1103/1101L University Chemistry

PHYS 2013/2011L College Physics

Technical Requirements

TEED 1103 The Nature of Technology

TEED 2103 Technology and Society

GNEG 1103 Introduction to Engineering

TEED 3103 Technological Research, Experimentation, & Trouble-Shooting

TEED 4103 Engineering Design Capstone

GNEG 1122 Introduction to CAD

53

MATH 2043 Survey of Calculus

TEED 3303 Energy, Power, and Transportation

TEED 3203 Information and Communication Systems

INEG 3513 Manufacturing Design and Processes

CSCE 1013 College Computing Skills

COMM 3803 Basic Video Production

MEEG 1103 Introduction to Mechanical Engineering

BENG 1022 Biological Engineering Design Studio I

Technical Electives (14 hours)

Professional Education

CATE 1001 Practicum in CATE

CIED 3023 Survey of Exceptionalities

36

CIED 3033 Classroom Learning Theory

CATE 4003 Professionalism

VOED 4013 Teaching Strategies

CATE 4023 Classroom Management

CATE 4033 Assessment/Program Evaluation

CATE 4041 Lab Management

ETEC 2001 Educational Technology

ETEC 2002L Educational Technology Lab

CATE 4051 Seminar

CATE 406V Teaching Internship (12 hours)

Total Hours 124

Internship Semester (Spring Semester/Senior Year) Admission

Criteria:

1. Candidate must hold a cumulative GPA of 2.50 or higher
2. Candidate must have taken and passed the Praxis I examination during the previous semester or earlier
3. Candidate must have taken and passed the Praxis II content examination during the previous semester or earlier
4. Candidate must complete a successful "internship admission interview" with Career and Technical Education faculty. These interviews are scheduled with all senior students during the fall semester.

Note: All students seeking licensure in the State of Arkansas are subject to a criminal background check. Forms needed to complete this procedure may be obtained in Room 117 of Peabody Hall on the University of Arkansas campus. These forms may also be obtained

from any police station (including the University of Arkansas Police station) or directly from the Arkansas Department of Education. These background checks take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities at least six months in advance of graduation (or six months prior to applying for a teaching license). Arkansas will not grant a teaching license to anyone who has been convicted of a felony.

### **Technology Education Eight-Semester Degree Program**

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

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

3 ENGL 1013 Composition I  
3 GNEG 1103 Introduction to Engineering  
3 BENG 1012 Biological Engineering Design Fundamentals w/Lab  
3 PSYC 2003 General Psychology  
2 GNEG 1122 Introduction to CAD  
3 Technical Elective (MATH 1203 College Algebra if required/see advisor)  
1 CATE 1001 Practicum in Career & Technical Education

#### **17 Semester Hours**

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

3 ENGL 1023 Composition II  
3 †U.S. History  
3 MEEG 1103 Introduction to Mechanical Engineering  
2 CSCE 1013 College Computing Skills  
3 TEED 1103 The Nature of Technology  
3 MATH 2043 Survey of Calculus

#### **17 Total Hours**

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

4 CHEM 1103/1101L University Chemistry w/Lab  
3 †Fine Arts or Humanities  
3 ETEC 2001/2002L Educational Technology w/Lab  
3 TEED 2103 Technology & Society  
3 Technical Elective Course\*\*\*

#### **16 Semester Hours**

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

0 - 3 ENGL 2003 Advanced Composition (or exempt\*\*)  
0 - 3 If exempt take additional (3) Technical Elective Course\*\*\*  
3 INEG 3513 Manufacturing Design and Processes  
3 TEED 3103 Tech. Research, Experimentation, & Trouble-shooting  
3 †Fine Arts or Humanities  
3 †Social Science

#### **15 Total Hours**

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

3 CIED 3023 Survey of Exceptionalities  
3 CIED 3033 Classroom Learning Theory  
3 TEED 3203 Information and Communications Systems  
3 Technical Elective Course\*\*\*  
3 Technical Elective Course\*\*\*

#### **15 Semester Hours**

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

3 COMM 3803 Basic Video Production  
3 TEED 3303 Energy, Power, & Transportation  
4 PHYS 2013/2011L College Physics w/Lab  
3 †Social Science  
2 Technical Elective Course\*\*\*

#### **15 Semester Hours**

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

3 TEED 4103 Eng. Design for TE Capstone  
3 CATE 4003 Professionalism  
3 VOED 4013 Teaching Strategies  
3 CATE 4023 Classroom Management  
3 CATE 4033 Assessment & Program Evaluation

#### **15 Semester Hours**

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

1 CATE 4041 Lab Management  
1 CATE 4051 Seminar  
12 CATE 406V Teaching Internship (12 hours)

#### **14 Semester Hours**

#### **124 Total Hours**

## **Proposed Catalog Text**

### **Technology Education (TEED)**

**Charles Rossetti**  
**Advisor**  
**241 Peabody Hall**  
**479-575-3076**  
[crossett@uark.edu](mailto:crossett@uark.edu)

Completion of the Bachelor of Science in Education degree leads to initial licensure in Arkansas. This concentration is designed for students who wish to teach in a public school at the junior high or secondary level. Students should meet with their adviser for information regarding additional licensure plans (ALP) and endorsements. Refer to the college academic regulations, admission process for initial licensure for other requirements.

#### HOURS

University Core Requirements (State minimum core and graduation requirements)

35 - 38

Science concentration of core must include:

CHEM 1103/1101L University Chemistry

PHYS 2013/2011L College Physics

Technical Requirements

TEED 1103 The Nature of Technology

TEED 2103 Technology and Society

GNEG 1103 Introduction to Engineering

TEED 3103 Technological Research, Experimentation, & Trouble-Shooting

TEED 4103 Engineering Design Capstone

GNEG 1122 Introduction to CAD

53

MATH 3773 Geometry

MATH 1213 Trigonometry

TEED 3303 Energy, Power, and Transportation

TEED 3203 Information and Communication Systems

INEG 3513 Manufacturing Design and Processes

COMM 3803 Basic Video Production

MEEG 1103 Introduction to Mechanical Engineering

BENG 1022 Biological Engineering Design Studio I

Technical Electives (14 hours)

Professional Education

CATE 1001 Practicum in CATE

CIED 3023 Survey of Exceptionalities

36

CIED 3033 Classroom Learning Theory

CATE 4003 Professionalism

VOED 4013 Teaching Strategies

CATE 4023 Classroom Management

CATE 4033 Assessment/Program Evaluation

CATE 4041 Lab Management

CATE 4051 Seminar

CATE 406V Teaching Internship (12 hours)

Total Hours 124

Internship Semester (Spring Semester/Senior Year) Admission Criteria:

1. Candidate must hold a cumulative GPA of 2.50 or higher
2. Candidate must have taken and passed the Praxis I examination during the previous semester or earlier
3. Candidate must have taken and passed the Praxis II content examination during the previous semester or earlier
4. Candidate must complete a successful "internship admission interview" with Career and Technical Education faculty. These interviews are scheduled with all senior students during the fall semester.

Note: All students seeking licensure in the State of Arkansas are subject to a criminal background check. Forms needed to complete this procedure may be obtained in Room 117 of Peabody Hall on the University of Arkansas campus. These forms may also be obtained from any police station (including the University of Arkansas Police station) or directly from the Arkansas Department of Education. These background checks take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities at least six months in advance of graduation (or six months

prior to applying for a teaching license). Arkansas will not grant a teaching license to anyone who has been convicted of a felony.

### **Technology Education Eight-Semester Degree Program**

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

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

3 ENGL 1013 Composition I  
3 GNEG 1103 Introduction to Engineering  
3 BENG 1012 Biological Engineering Design Fundamentals w/Lab  
3 PSYC 2003 General Psychology  
2 GNEG 1122 Introduction to CAD  
3 Technical Elective MATH 3773 Geometry (MATH 1203 College Algebra if required/see advisor)  
1 CATE 1001 Practicum in Career & Technical Education

#### **17 Semester Hours**

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

3 ENGL 1023 Composition II  
3 †U.S. History  
3 MEEG 1103 Introduction to Mechanical Engineering  
3 Technical Elective Course  
3 TEED 1103 The Nature of Technology  
3 MATH 1213 Trigonometry

#### **18 Total Hours**

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

4 CHEM 1103/1101L University Chemistry w/Lab  
3 †Fine Arts or Humanities  
3 TEED 2103 Technology & Society  
6 Technical Elective Courses\*\*\*

#### **16 Semester Hours**

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

0 - 3 ENGL 2003 Advanced Composition (or exempt\*\*)  
0 - 3 If exempt take additional (3) Technical Elective Course\*\*\*  
3 INEG 3513 Manufacturing Design and Processes  
3 TEED 3103 Tech. Research, Experimentation, & Trouble-shooting  
3 †Fine Arts or Humanities  
3 †Social Science

#### **15 Total Hours**

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

3 CIED 3023 Survey of Exceptionalities  
3 CIED 3033 Classroom Learning Theory  
3 TEED 3203 Information and Communications Systems  
3 Technical Elective Course\*\*\*  
3 Technical Elective Course\*\*\*

#### **15 Semester Hours**

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

3 COMM 3803 Basic Video Production  
3 TEED 3303 Energy, Power, & Transportation  
4 PHYS 2013/2011L College Physics w/Lab  
3 †Social Science  
2 Technical Elective Course\*\*\*

#### **15 Semester Hours**

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

3 TEED 4103 Eng. Design for TE Capstone  
3 CATE 4003 Professionalism  
3 VOED 4013 Teaching Strategies  
3 CATE 4023 Classroom Management  
3 CATE 4033 Assessment & Program Evaluation

#### **15 Semester Hours**

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

1 CATE 4041 Lab Management  
1 CATE 4051 Seminar  
12 CATE 406V Teaching Internship (12 hours)

#### **14 Semester Hours**

#### **124 Total Hours**

\*If math background requires, take College Algebra 1203 before Geometry And Trig. If MATH 1203 is required use it as a technical elective.

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

PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_

SUBJ \_\_\_\_\_

CIP \_\_\_\_\_

CRTS \_\_\_\_\_

DGRE \_\_\_\_\_

PGCT \_\_\_\_\_

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

REPORTING CODES

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

REQ. DEF.

Initials \_\_\_\_\_

Date \_\_\_\_\_

### Distribution

Notification to:

(1) College  
(7) Treasurer

(2) Department  
(8) Undergraduate Program Committee

(3) Admissions

(4) Institutional Research

(5) Continuing Education

(6) Graduate School

7/2/07

**University Course and Programs Committee**  
**23-May-08**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**Walton College of Business**

Department of Information Systems

ISYS-M - Minor in Information Systems for Business Majors - Attachment 1A  
Proposal requests revisions to the minor requirements and course listing as specified in Section V of Attachment 1A.

ISYSBS - Information Systems, BSBA - Attachments 1B and 1C  
Proposal requests to add three areas of concentration and make many changes to the degree program. Please refer to Attachment 1C, Letter of Notification, for more details.

**TABLE TWO**

**College of Education and Health Professions**

Department of Curriculum and Instruction

CATEBS - Career and Technical Education, BSE - TEED - Attachment 2A  
Proposal requests to modify computer and mathematics requirements as specified in Section V of Attachment 2A.

CATEBS - Career and Technical Education, BSE- FCSE - Attachment 2B  
Proposal requests to delete two courses, ETEC 2001 and 2002L and add CATE 1003 as specified in Section V of Attachment 2B.

**TABLE THREE**

**GRADUATE PROGRAM CHANGES**

Department of Information Systems

INSYMI - Information Systems, MIS - Attachments 3A - 3D  
Proposal requests to delete two concentrations, add a concentration and modify course requirements for all concentrations as specified in Section V of Attachment 3A and Letters of Notification, Attachments 3B, 3C and 3D.

ATTACHMENT 2B

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 xOther Unit FCSE concentration [ ] Policy
Level: X Undergraduate [ ] Graduate [ ] Law Effective Catalog Year 2009
Current Name Bachelor of Science in Education
College, School, Division EDUC Department Code CIED
Current Code (6 digit Alpha) CATEBS Proposed Code (6 digit Alpha)
[ ] Interdisciplinary Program CIP Code 13.1319
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: ETEC 2001, Educational Technology, and ETEC 2001L, Educational Technology Lab are no longer being offered. Replace these two courses with CATE 1003, Introduction to Technology in Education, in the requirements for the degree.**

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.)
- 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.)*

**ETEC 2001, Educational Technology, and ETEC 2002L, Educational Technology Lab, are no longer offered. CATE 1003, Introduction to Technology in Education has similar course content.**

### **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 Text**

#### **Family and Consumer Sciences Education (FCSE)**

Cecelia K. Thompson

Adviser

120 Graduate Education Building

479-575-2581

Students pursuing the Bachelor of Science in Education degree may select the family and consumer sciences education program concentration as a field of specialization in career and technical education. Completion of the B.S.E. will prepare students to teach family and consumer sciences at the junior high and secondary education level or to prepare students to work in professional careers in the Cooperative Extension Service, business, industry, or social services. In addition to the general studies, the following courses are required for a concentration in family and consumer sciences education.

Hours

University Core Requirements 35-38  
 3 hours of Social Studies must be PSYC 2003 General Psychology  
 4-5 hours of Science must be

CHEM 1103/1101L Chemistry 1 or  
 CHEM 1074/1071L Fundamentals of Chemistry  
 Professional Education Core 36

CIED 3023 Survey of Exceptionalities  
 CIED 3033 Classroom Learning Theory  
 CATE 1001, Practicum in CATE  
 CATE 4003 Introduction to Professionalism  
 VOED 4013 Teaching Strategies  
 CATE 4023, Classroom Management  
 CATE 4033, Assessment/Program Evaluation  
 CATE 4041, Lab Management  
 CATE 4051, Seminar

CATE 406V, Teaching Internship (12 hours)  
 ETEC 2001 Educational Technology  
 ETEC 2002L Educational Technology Lab  
 Technical Requirements 42

HESC 1013, Introduction to Clothing Concepts  
 HESC 1213, Nutrition  
 HESC 1403, Life Span Development  
 HESC 2413, Family Relations  
 HESC 2112/2111L, Foods I  
 HESC 2123 Catering Management or HESC 2203  
 Nutrition for Exercise and Sports  
 HESC 2053 Introduction to Textile Science  
 HESC 2402/2401L, Infant and Toddler Development  
 or HESC 2433, Child Development  
 HESC 3423, Adolescent Development  
 HESC 3443 Families in Crisis  
 HESC 4433, Dynamic Family Interaction  
 HESC 3763L, Family Resource Management Lab  
 HESC 4453, Parenting and Family Dynamics  
 HESC 4753, Family Financial Management  
 HLSC 1002, Wellness Concepts  
 PEAC 1621, Fitness Concepts  
 CATE 4803, Problems in Career & Technical  
 Education (Housing)

Electives—7 - 11 credits from any department in the University. It is recommended to use elective credits to strengthen the area of family and consumer science or complete work toward an additional licensure plan (ALP).

**Admission requirements for Spring, Senior Year:**

1. Earn a cumulative GPA of 2.5 or higher
2. Passing scores on Praxis I
3. Take and pass Praxis II
4. Successful interview with teacher education faculty in the Department of Rehabilitation, Human Resources and Communication Disorders.

Note: All students seeking licensure in the state of Arkansas are subject to a criminal background check. Forms for this procedure may be obtained at Peabody Hall, Room 117, at the Arkansas Department of Education, or any police station, including the campus police.

These background checks take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities six months in advance of actually applying for a license. Arkansas will not certify anyone who has been convicted of a felony.

**Family and Consumer Sciences Education Eight-Semester Degree Program**

Students wishing to follow the eight-semester degree plan in Career and

Technical Education with a concentration in Family and Consumer Sciences Education should see page 42 in the Academic Regulations chapter for university requirements of the program.

**Fall Semester Year 1**

3 ENGL 1013 Composition I  
3 Math 1203 College Algebra  
3 †US History 3 hrs  
3 HESC 1403, Lifespan Development  
4-5 †Chemistry with Lab

**16-17 Semester Hours**

**Spring Semester Year 1**

3 ENGL 1023 Composition II  
4 †Science with Lab  
3 †Fine Arts or Humanities 3 hrs  
3 HESC 1213 Nutrition  
3 HESC 1013 Introduction to Clothing Concepts

**16 Total Hours**

**Fall Semester Year 2**

1 CATE 1001, Practicum in CATE  
3 HESC 2112/2111L Foods I and Foods I Lab  
3 †Fine Arts or Humanities 3 hrs  
3 PSYC 2003 General Psychology  
3 ETEC 2001/2002L Educational Technology and Lab  
3 HESC 4753, Family Financial Management

**16 Semester Hours**

**Spring Semester Year 2**

0-3 ENGL 2003 Advanced Composition (or exempt)  
3 HESC 2053 Introduction to Textile Science  
3 HESC 2413 Family Relation  
2 HLSC 1002 Wellness Concepts  
1 PEAC 1621 Fitness Concepts  
3 HESC 2203 Nutrition for Exercise and Sports or HESC 2123 Catering Management

**12-15 Total Hours**

**Fall Semester Year 3**

3 HESC 3763L Family Resource Management Laboratory  
3 HESC 4453 Parenting and Family Dynamics  
3 HESC 2402/2401L Infant and Toddler Development  
3 CIED 3033 Classroom Learning Theory  
3 HESC 3443 Families in Crisis  
3 Elective

**15 Semester Hours**

**Spring Semester Year 3**

3 HESC 3423 Adolescent Development  
3 HESC 4433 Dynamic Family Interaction  
3 HESC 2433 Child Development  
3 CATE 480V, Problems in CATE (Housing)  
3-4 Elective

**15-16 Semester Hours**

**Fall Semester Year 4**

3 CIED 3023 Survey of Exceptionality  
3 CATE 4003 Introduction to Professionalism  
3 VOED 4013 Teaching Strategies  
3 CATE 4023 Classroom Management  
3 CATE 4033 Assessment/Program Evaluation

**15 Semester Hours**

**Spring Semester Year 4**

1 CATE 4041 Lab Management  
1 CATE 4051 Seminar  
12 CATE 406V Teaching Internship

**14 Semester Hours**

**124 Total Hours**

† University Core areas must be completed as outlined in Catalog of Studies, see page 40.

**Proposed Catalog Text**

**Family and Consumer Sciences Education (FCSE)**

Cecelia K. Thompson

Adviser

115 Peabody Hall

479-575-2581

Students pursuing the Bachelor of Science in Education degree may select the family and consumer sciences education program concentration as a field of specialization in career and technical education.

Completion of the B.S.E. will prepare students to teach family

and consumer sciences at the junior high and secondary education level or to prepare students to work in professional careers in the Cooperative Extension Service, business, industry, or social services. In addition to the general studies, the following courses are required for a concentration in family and consumer sciences education.

Hours

University Core Requirements 35-38  
3 hours of Social Studies must be PSYC 2003 General Psychology

4-5 hours of Science must be

CHEM 1103/1101L Chemistry 1 or

CHEM 1074/1071L Fundamentals of Chemistry

Professional Education Core 36

CIED 3023 Survey of Exceptionalities

CIED 3033 Classroom Learning Theory

CATE 1001, Practicum in CATE

CATE 4003 Introduction to Professionalism

VOED 4013 Teaching Strategies

CATE 4023, Classroom Management

CATE 4033, Assessment/Program Evaluation

CATE 4041, Lab Management

CATE 4051, Seminar

CATE 406V, Teaching Internship (12 hours)

CATE 1003, Introduction to Technology in Education

Technical Requirements 42

HESC 1013, Introduction to Clothing Concepts

HESC 1213, Nutrition

HESC 1403, Life Span Development

HESC 2413, Family Relations

HESC 2112/2111L, Foods I

HESC 2123 Catering Management or HESC 2203

Nutrition for Exercise and Sports

HESC 2053 Introduction to Textile Science

HESC 2402/2401L, Infant and Toddler Development

or HESC 2433, Child Development

HESC 3423, Adolescent Development

HESC 3443 Families in Crisis

HESC 4433, Dynamic Family Interaction

HESC 3763L, Family Resource Management Lab

HESC 4453, Parenting and Family Dynamics

HESC 4753, Family Financial Management

HLSC 1002, Wellness Concepts

PEAC 1621, Fitness Concepts

CATE 4803, Problems in Career & Technical

Education (Housing)

Electives—7 - 11 credits from any department in the

University. It is recommended to use elective credits

to strengthen the area of family and consumer

science or complete work toward an additional

licensure plan (ALP).

#### **Admission requirements for Spring, Senior Year:**

1. Earn a cumulative GPA of 2.5 or higher
2. Passing scores on Praxis I
3. Take and pass Praxis II
4. Successful interview with teacher education faculty in the Department of Rehabilitation, Human Resources and Communication Disorders.

Note: All students seeking licensure in the state of Arkansas are subject to a criminal background check. Forms for this procedure may be obtained at Peabody Hall, Room 117, at the Arkansas Department of Education, or any police station, including the campus police.

These background checks take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities six months in advance of actually applying for a license.

Arkansas will not certify anyone who has been convicted of a felony.

#### **Family and Consumer Sciences Education Eight-Semester Degree Program**

Students wishing to follow the eight-semester degree plan in Career and Technical Education with a concentration in Family and Consumer Sciences Education should see page 42 in the Academic Regulations chapter for university requirements of the program.

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

3 ENGL 1013 Composition I

3 Math 1203 College Algebra

3 †US History 3 hrs  
3 HESC 1403, Lifespan Development  
4-5 †Chemistry with Lab

**16-17 Semester Hours**  
**Spring Semester Year 1**

3 ENGL 1023 Composition II  
4 †Science with Lab  
3 †Fine Arts or Humanities 3 hrs  
3 HESC 1213 Nutrition  
3 HESC 1013 Introduction to Clothing Concepts

**16 Total Hours**

**Fall Semester Year 2**

1 CATE 1001, Practicum in CATE  
3 HESC 2112/2111L Foods I and Foods I Lab  
3 †Fine Arts or Humanities 3 hrs  
3 PSYC 2003 General Psychology  
3 CATE 1003, Introduction to Technology in Education  
3 HESC 4753, Family Financial Management

**16 Semester Hours**

**Spring Semester Year 2**

0-3 ENGL 2003 Advanced Composition (or exempt)  
3 HESC 2053 Introduction to Textile Science  
3 HESC 2413 Family Relation  
2 HLSC 1002 Wellness Concepts  
1 PEAC 1621 Fitness Concepts  
3 HESC 2203 Nutrition for Exercise and Sports or HESC 2123 Catering Management

**12-15 Total Hours**

**Fall Semester Year 3**

3 HESC 3763L Family Resource Management Laboratory  
3 HESC 4453 Parenting and Family Dynamics  
3 HESC 2402/2401L Infant and Toddler Development  
3 CIED 3033 Classroom Learning Theory  
3 HESC 3443 Families in Crisis  
3 Elective

**15 Semester Hours**

**Spring Semester Year 3**

3 HESC 3423 Adolescent Development  
3 HESC 4433 Dynamic Family Interaction  
3 HESC 2433 Child Development  
3 CATE 4803, Problems in CATE (Housing)  
3-4 Elective

**15-16 Semester Hours**

**Fall Semester Year 4**

3 CIED 3023 Survey of Exceptionality  
3 CATE 4003 Introduction to Professionalism  
3 VOED 4013 Teaching Strategies  
3 CATE 4023 Classroom Management  
3 CATE 4033 Assessment/Program Evaluation

**15 Semester Hours**

**Spring Semester Year 4**

1 CATE 4041 Lab Management  
1 CATE 4051 Seminar  
12 CATE 406V Teaching Internship

**14 Semester Hours**

**124 Total Hours**

† University Core areas must be completed as outlined in Catalog of Studies, see page 40.

**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

7/2/07

**University Course and Programs Committee**  
**23-May-08**

**UNDERGRADUATE PROGRAM CHANGES**

**TABLE ONE**

**Walton College of Business**

Department of Information Systems

ISYS-M - Minor in Information Systems for Business Majors - Attachment 1A  
Proposal requests revisions to the minor requirements and course listing as specified in Section V of Attachment 1A.

ISYSBS - Information Systems, BSBA - Attachments 1B and 1C  
Proposal requests to add three areas of concentration and make many changes to the degree program. Please refer to Attachment 1C, Letter of Notification, for more details.

**TABLE TWO**

**College of Education and Health Professions**

Department of Curriculum and Instruction

CATEBS - Career and Technical Education, BSE - TEED - Attachment 2A  
Proposal requests to modify computer and mathematics requirements as specified in Section V of Attachment 2A.

CATEBS - Career and Technical Education, BSE- FCSE - Attachment 2B  
Proposal requests to delete two courses, ETEC 2001 and 2002L and add CATE 1003 as specified in Section V of Attachment 2B.

**TABLE THREE**

**GRADUATE PROGRAM CHANGES**

Department of Information Systems

INSYMI - Information Systems, MIS - Attachments 3A - 3D  
Proposal requests to delete two concentrations, add a concentration and modify course requirements for all concentrations as specified in Section V of Attachment 3A and Letters of Notification, Attachments 3B, 3C and 3D.

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 [ ] Minor [x] Other Unit [x] Policy
Level: [ ] Undergraduate [x] Graduate [ ] Law Effective Catalog Year
Current Name Master of Information Systems
College, School, Division WCOB Department Code BADM
Current Code (6 digit Alpha) INSYMI Proposed Code (6 digit Alpha)
[ ] Interdisciplinary Program CIP Code 11.0501
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 Information Systems Department wishes to revise and update the Master of Information Systems degree program and part-time program (Professional MIS). Specifically, two areas of concentration are eliminated (Telecommunications Management and Transportation/Logistics Technology Management), one area of concentration is added (Enterprise Systems), and the remaining concentrations are revised to 15 hours with a revision of coursework required. All areas of concentration are 15 hours with 9 hours of required core courses and 6 hours of electives. ISYS 5110 (no credit) is added as a requirement for the program. In the Professional MIS part-time program, sequencing of courses is revised. The Professional MIS part-time program coursework is delivered in a “blended” format (combined F-2-F and e-delivery) from the Fayetteville campus.

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.)*

Given the very dynamic Information Technology environment and based on input from alumni, companies, and faculty, the MIS degree is revised to include relevant and current program components such as large-scale enterprise systems and enterprise resource planning systems. The concentrations and corresponding coursework are revised to reflect these relevant components. Moreover, the Transportation/Logistics Technology Management has been eliminated as an option since the Masters degree in Transportation/Logistics is no longer offered. In addition, the Professional MIS sequencing of courses is revised to ensure course content consistency and value added as well as currency and relevancy to IT professionals participating in the MIS program. Existing courses are better deployed in the program revision with only ISYS 5110 added.

#### **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 Graduate School catalog copy:***

**MASTER OF INFORMATION SYSTEMS**

Paul Cronan  
MIS Director  
479-575-6130  
E-mail: cronan@uark.edu  
The Graduate School of Business

The Master of Information Systems is designed to provide professional preparation for positions in business and government. It is designed with sufficient flexibility to meet the needs of students with various backgrounds and foster lifelong learning and innovation. Students may concentrate in one of five areas: Information Technology Management, Enterprise Resource Planning (ERP) Management, Telecommunications Management, Software Engineering Management, or Transportation/Logistics Technology Management.

**Admission Requirements:** The Master of Information Systems program is open to students who have earned a bachelor's degree from an accredited institution and who can present evidence of their ability to do graduate work. "Evidence of ability" means superior grade-point average, an acceptable test score on the Graduate Management Admission Test (GMAT), and recommendations with respect to ability for successful pursuit of graduate-level work. International applicants and resident aliens must submit a minimum score of 550 on the paper-based or 213 on the computer-based Test of English as a Foreign Language (TOEFL) or a minimum score of 6.5 on the IELTS taken within the preceding two years, or complete the Intensive English Language Program (Spring International Language Center) and receive an English proficiency recommendation for admission. International applicants must also submit a minimum score of 50 on the TSE (Test of Spoken English).

**Requirements for the Master of Information Systems Degree:**

The Master of Information Systems is a 30 credit-hour program designed to provide professional information systems preparation for positions in business and government. Students whose previous studies have fulfilled requirements of the common body of knowledge in business and information systems will be required to complete a minimum of 30 hours of graduate work. The required common body of knowledge in Information Systems includes programming languages such as Visual Basic.net, management information systems, systems analysis, and database.

**Core Courses (9 hours - required for all areas of concentration):**

ISYS 5423 Seminar in Systems Development  
ISYS 5833 Data Management Systems  
ISYS 5943 Management of Information Technology Seminar

**Areas of Concentration (12 hours):**

**Information Technology Management**

ISYS 5503 Decision Support Systems  
ISYS 5713 Seminar in Telecomm  
Computing Electives (6 hours) selected from ISYS, CENG, and CSCE

**Enterprise Resource Planning (ERP) Management**

ISYS 5503 Decision Support Systems  
WCOB 5213 ERP Fundamentals  
Select 6 hours from:  
ISYS 5843 Seminar in Bus. Intelligence and Knowledge Mgmt.  
WCOB 5223 ERP Configuration and Implementation  
ISYS 5233 Seminar in ERP Development  
CSCE/ISYS Enterprise Systems electives

**Telecommunications Management**

ISYS 5713 Seminar in Telecomm  
Select 9 hours from:  
CENG 4753 Computer Networks  
CENG 4953 Minicomputer Applications

CENG 4343 Windows/GUI

CENG 4823 Graphics and Animation

**Software Engineering Management**

ISYS 5503 Decision Support Systems

Select 9 hours from:

ISYS 4333 O-O Technologies Seminar

CENG 4533 O-O Programming and Design

CENG 4953 Minicomputer Applications

CENG 5023 Software Engineering I

CENG 5033 Software Engineering II

CENG 4813 Computer Graphics

**Transportation/Logistics Technology Management**

ISYS 5503 Decision Support Systems, or

ISYS 5713 Seminar in Telecomm

TLOG 5633 Retail & Consumer Products Supply Chain Management

TLOG 5673 Modeling Retail and Consumer Products Logistics

Select 3 hours from:

TLOG 5643 Transportation Strategies in the Supply Chain

TLOG 5653 Global Logistics and Supply Chain Management

TLOG 5663 Supply Chain Management

TLOG 560V Special Topics

**Electives:** 9 hours

**Total Hours: 30**

**Professional M.I.S. (Part-time) Program:**

**Fall, Year 1**

ISYS 5423 Seminar in Systems Development

ISYS 5503 Decision Support Systems

**Spring**

ISYS 5833 Data Management Systems

WCOB 5213 ERP Fundamentals

**Summer**

ISYS 5933 Global IS

Elective (3 hours) from TLOG, MGMT, WCOB, or CSCE

**Fall, Year 2**

ISYS 5843 Seminar in Bus. Intelligence and Knowledge Mgmt.

ISYS 4373 O-O Programming for Business Applications

**Spring**

ISYS 5133 E-Business Development

ISYS 5943 Management of Information Technology Seminar

Electives are chosen by the student in consultation with the Master of Information Systems Program Director in the Department of Information Systems (ISYS). Approved electives (9 hours) may be any graduate course approved by the Masters Program Director, but only three hours of ISYS courses are permitted.

Note: With the approval of the Masters Program Director, any senior level ISYS course (ISYS 4000+) may be taken for graduate credit. CSCE is Computer Science. CENG is Computer Engineering. After admission, the student must maintain a 3.00 grade-point average on all graduate coursework and all information systems coursework. Additionally, the student must receive a letter grade of at least a "B" in 75 percent of the courses attempted.

***New Graduate School catalog copy with highlighted changes:***

**MASTER OF INFORMATION SYSTEMS**

Paul Cronan

MIS Director

479-575-6130

E-mail: pcronan@walton.uark.edu

The Graduate School of Business

The Master of Information Systems is designed to provide professional preparation for positions in business and government. It provides sufficient flexibility to meet the needs of students with various backgrounds and foster lifelong learning and innovation. Students may concentrate in one of four areas: Information Technology Management, Enterprise Resource Planning (ERP) Management, Enterprise Systems (ES) Management, or Software Engineering Management.

**Admission Requirements:** The Master of Information Systems program is open to students who have earned a bachelor's degree from an accredited institution and who can present evidence of their ability to do graduate work. "Evidence of ability" means superior grade-point average, an acceptable test score on the Graduate Management Admission Test (GMAT), and recommendations with respect to ability for successful pursuit of graduate-level work. International applicants and resident aliens must submit a minimum score of 550 on the paper-based or 80 on the internet-based Test of English as a Foreign Language (TOEFL) or a minimum score of 6.5 on the IELTS taken within the preceding two years, or complete the Intensive English Language Program (Spring International Language Center) and receive an English proficiency recommendation for admission. Other admissions criteria can be considered on a case by case basis.

**Requirements for the Master of Information Systems Degree:**

The Master of Information Systems is a 30 credit-hour program designed to provide professional information systems preparation for professional positions in business and the public sector. Students whose previous studies have fulfilled requirements of the common body of knowledge in business and information systems will be required to complete a minimum of 30 hours of graduate work. The required common body of knowledge in Information Systems includes programming language(s) such as Visual Basic.Net, information systems, systems analysis, and database systems.

**Pre-MIS**

ISYS 5110 IT Toolkit and Skills Seminar

**Core Courses (9 hours - required for all areas of concentration):**

ISYS 5423 Seminar in Systems Development

ISYS 5833 Data Management Systems

ISYS 5943 Management of Information Technology Seminar

**Areas of Concentration (15 hours):**

**Information Technology Management**

ISYS 5503 Decision Support Systems

WCOB 5213 ERP Fundamentals

Computing Electives (9 hours) selected from approved

ISYS, CENG, and CSCE courses

**Enterprise Resource Planning (ERP) Management**

WCOB 5213 ERP Fundamentals

WCOB 5223 ERP Configuration and Implementation

ISYS 5233 Seminar in ERP Development

Select 6 hours from:

ISYS 5133 E-Business Development

ISYS 5453 Introduction to Enterprise Servers

ISYS 5503 Decision Support Systems

ISYS 5843 Seminar in Bus. Intelligence and Knowledge Mgmt.

**Enterprise Systems (ES) Management**

ISYS 5503 Decision Support Systems

ISYS 5453 Introduction to Enterprise Servers

ISYS 5463 Enterprise Transaction Systems

Select 6 hours from:

ISYS 5133 E-Business Development

WCOB 5213 ERP Fundamentals

ISYS 5843 Seminar in Bus. Intelligence and Knowledge Mgmt.

**Software Engineering Management**

ISYS 5503 Decision Support Systems

ISYS 5133 E-Business Development

Select 9 hours from:

ISYS 4333 O-O Technologies Seminar

or CENG 4533 O-O Programming and Design

CENG 5023 Software Engineering I

CENG 5033 Software Engineering II

CSCE 5243 Formal Languages

CSCE 5303 Parallel Programming

Approved ISYS, CENG, or CSCE courses

**Electives: 6 hours**

**Total Hours: 30**

**Professional M.I.S. (Part-time) Program:**

**Fall, Year 1**

ISYS 5423 Seminar in Systems Development

ISYS 5833 Data Management Systems

**Spring**

ISYS 5503 Decision Support Systems

ISYS 5133 E-Business Development

**Summer**

WCOB 5213 ERP Fundamentals

ISYS 5933 Global IS

**Fall, Year 2**

ISYS 5843 Seminar in Bus. Intelligence and Knowledge Mgmt.

Concentration or Elective (3 hours)

**Spring**

ISYS 5943 Management of Information Technology Seminar

Concentration or Elective (3 hours)

Electives are chosen by the student in consultation with the Master of Information Systems Program Director in the Department of Information Systems (ISYS). Approved electives (6 hours) may be any graduate course approved by the Master of Information Systems Program Director. Note: with the approval of the Master of Information Systems Program Director, any senior level ISYS course (ISYS 4000+) may be taken for graduate credit. CSCE is Computer Science/Computer Systems Engineering. After admission, to continue in the program the student must maintain a 3.00 grade-point average on all graduate coursework and all information systems coursework. Additionally, the student must receive a letter grade of at least a "B" in 75 percent of the courses attempted.

**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:

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- (5) Continuing Education
- (6) Graduate School
- (7) Treasurer
- (8) Undergraduate Program Committee

7/2/07

## ATTACHMENT 3B

### 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**
2. Contact person/title: **Dr. Nancy Talburt, Vice Provost for Academic Affairs**
3. Phone number/e-mail address:  
**Phone: (479) 575-2151**  
**E-mail: [netal@uark.edu](mailto:netal@uark.edu)**
4. Proposed effective date: **August 2009**
5. Title of degree program: **Master of Information Systems**
6. CIP Code: **11.0501**
7. Degree Code: **6165**
8. Proposed option/concentration/emphasis name:  
**Enterprise Systems is added as a concentration to the Master of Information Systems as follows:**

#### **Enterprise Systems (ES) Management**

ISYS 5503 Decision Support Systems  
ISYS 5453 Introduction to Enterprise Servers  
ISYS 5463 Enterprise Transaction Systems  
Select 6 hours from:  
ISYS 5133 E-Business Development  
WCOB 5213 ERP Fundamentals  
ISYS 5843 Seminar in Bus. Intelligence and Knowledge Mgmt

Existing concentrations Enterprise Resource Planning (ERP) Management, Information Technology Management, and Software Engineering Management) are revised as follows:

#### **Enterprise Resource Planning (ERP) Management**

WCOB 5213 ERP Fundamentals  
WCOB 5223 ERP Configuration and Implementation  
ISYS 5233 Seminar in ERP Development  
Select 6 hours from:  
ISYS 5133 E-Business Development  
ISYS 5453 Introduction to Enterprise Servers  
ISYS 5503 Decision Support Systems  
ISYS 5843 Seminar in Bus. Intelligence and Knowledge Mgmt

#### **Information Technology Management**

ISYS 5503 Decision Support Systems  
WCOB 5213 ERP Fundamentals  
Computing Electives (9 hours) selected from approved ISYS, CENG, and CSCE courses

#### **Software Engineering Management**

ISYS 5503 Decision Support Systems  
ISYS 5133 E-Business Development  
Select 9 hours from:  
ISYS 4333 O-O Technologies Seminar or CENG 4533 O-O Programming and Design  
CENG 5023 Software Engineering I  
CENG 5033 Software Engineering II  
CSCE 5243 Formal Languages  
CSCE 5303 Parallel Programming  
Approved ISYS, CENG, or CSCE courses

9. Reason for proposed action:

**Given the very dynamic Information Technology environment and based on input from alumni, companies, and faculty, the MIS degree is revised to include relevant and current program components such as large-scale enterprise systems and enterprise resource planning systems. The concentrations and corresponding coursework are revised to reflect these relevant components. ISYS 511V is added at the beginning of the MIS program to help better prepare students entering the program.**

10. New option/concentration/emphasis objective:

**The objective for the new area of concentration and the revised concentration coursework is to provide the most current curriculum of relevant topics for the students in the Master of Information Systems program.**

11. Provide the following:

- a. List of required courses

**Master of Information Systems Degree:**

The Master of Information Systems is a 30 credit-hour program designed to provide professional information systems preparation for professional positions in business and the public sector.

**Pre-Core:**

ISYS 511V IT Toolkit and Skills Seminar

**Core Courses (9 hours - required for all areas of concentration):**

ISYS 5423 Seminar in Systems Development

ISYS 5833 Data Management Systems

ISYS 5943 Management of Information Technology Seminar

**Areas of Concentration (15 hours – choose one of the following concentrations):**

**Information Technology Management -**

ISYS 5503 Decision Support Systems

WCOB 5213 ERP Fundamentals

Computing Electives (9 hours) selected from approved ISYS, CENG, and CSCE courses

**Enterprise Resource Planning (ERP) Management -**

WCOB 5213 ERP Fundamentals

WCOB 5223 ERP Configuration and Implementation

ISYS 5233 Seminar in ERP Development

Select 6 hours from:

ISYS 5133 E-Business Development

ISYS 5453 Introduction to Enterprise Servers

ISYS 5503 Decision Support Systems

ISYS 5843 Seminar in Bus. Intelligence and Knowledge Mgmt.

**Enterprise Systems (ES) Management -**

ISYS 5503 Decision Support Systems

ISYS 5453 Introduction to Enterprise Servers

ISYS 5463 Enterprise Transaction Systems

Select 6 hours from:

ISYS 5133 E-Business Development  
WCOB 5213 ERP Fundamentals  
ISYS 5843 Seminar in Bus. Intelligence and Knowledge Mgmt.

Software Engineering Management -  
ISYS 5503 Decision Support Systems  
ISYS 5133 E-Business Development  
Select 9 hours from:  
ISYS 4333 O-O Technologies Seminar or CENG 4533 O-O Programming and Design  
CENG 5023 Software Engineering I  
CENG 5033 Software Engineering II  
CSCE 5243 Formal Languages  
CSCE 5303 Parallel Programming  
Approved ISYS, CENG, or CSCE courses

Electives: (6 hours)  
Total Hours: 30

- b. New course descriptions  
**ISYS 511V - Seminar in Information Systems solutions concepts (such as applications development, VB.NET, analysis of problems and design of solutions via application systems, etc.) designed for students entering the MIS program.**
- c. Program goals and objectives  
**The Master of Information Systems is a 30 credit-hour program designed to provide professional information systems preparation for professional positions in business and the public sector.**
- d. Expected student learning outcomes

**The expected outcomes should be that every MIS student would be prepared with the most current and relevant skill sets entering the workforce to include –**

- the ability to identify/assimilate/synthesize/and analyze the information technology needs/make recommendations/design/and develop IT transactions systems and decision support systems for the organization.
- industry-accepted problem solving and decision making skills for IT problems/as well as the ability to evaluate and propose alternative solutions to managers and users.
- ethical problem solving approaches to IT challenges and opportunities faced by today's businesses in achieving their goals.
- effective presentation and communication skills.
- effective interpersonal communication skills by working as a part of a team.

12. Will the new option be offered via distance delivery?  
**The (part-time) Professional MIS is offered in a blended format (50% on-line and 50% traditional face to face)**
13. Mode of delivery to be used: **Blended (50% on-line and 50% taught face to face)**
14. Explain in detail the distance delivery procedures to be used: **Blended (50% on-line and 50% taught face to face)**
15. Is the degree approved for distance delivery? **Yes**
16. List courses in option/concentration/emphasis. Include course descriptions for new courses.

Enterprise Systems (ES) Management  
ISYS 5503 Decision Support Systems  
ISYS 5453 Introduction to Enterprise Servers  
ISYS 5463 Enterprise Transaction Systems  
Select 6 hours from:



**ISYS 5133 E-Business Development**  
**WCOB 5213 ERP Fundamentals**  
**ISYS 5843 Seminar in Bus. Intelligence and Knowledge Mgmt.**

Pre-Core Course added - ISYS 511V: IT Toolkit and Skills Seminar - Seminar in Information Systems solutions concepts (such as applications development, VB.NET, analysis of problems and design of solutions via application systems, etc.) designed for students entering the MIS program.

17. Specify the amount of the additional costs required, the source of funds, and how funds will be used.  
**No additional costs anticipated**

Board of Trustees Approval Date:

Chief Academic Officer

Date:

## **ATTACHMENT 3C**

### **LETTER OF NOTIFICATION – 5**

**DELETION OF  
TRANSPORTATION/LOGISTICS TECHNOLOGY MANAGEMENT  
CONCENTRATION WITHIN  
MASTER OF INFORMATION SYSTEMS DEGREE  
(Certificate, Degree, Option, Organizational Unit)**

1. Institution submitting request: **University of Arkansas**
2. Contact person/title: **Nancy Talburt, Vice Provost for Academic Affairs**
3. Phone number/e-mail address:  
**Phone: (479) 575-2151**  
**E-mail: [netal@uark.edu](mailto:netal@uark.edu)**
4. Proposed effective date: **Fall 2009**
5. Title of certificate, degree program, option, or organizational unit:  
**Transportation/Logistics Technology Management concentration in the Master of Information Systems degree to be deleted**
6. CIP Code: **11.0501**
7. Degree Code: **6165**
8. Reason for deletion:  
**The Master of Transportation/Logistics was deleted previously. The subject matter and courses have been incorporated into the revised Master of Information Systems and the Master in Business Administration (MBA) degree**
9. Number of students still enrolled in program: **None**
10. Expected graduation date of last student: **N/A**
11. Name of courses which will be deleted as a result of this action: **None**
12. How will students in the deleted program be accommodated: **N/A**
13. Are funds available for reallocation? **No funds anticipated**

Board of Trustees Approval Date:

Chief Academic Officer:

Date:

## **ATTACHMENT 3D**

### **LETTER OF NOTIFICATION – 5**

**DELETION OF  
TELECOMMUNICATION MANAGEMENT CONCENTRATION WITHIN  
MASTER OF INFORMATION SYSTEMS DEGREE**  
(Certificate, Degree, Option, Organizational Unit)

1. Institution submitting request: **University of Arkansas**
2. Contact person/title: **Nancy Talburt, Vice Provost for Academic Affairs**
3. Phone number/e-mail address:  
**Phone: (479) 575-2151**  
**E-mail: [netal@uark.edu](mailto:netal@uark.edu)**
4. Proposed effective date: **Fall 2009**
5. Title of certificate, degree program, option, or organizational unit:  
**Telecommunications Management concentration in the Master of Information Systems degree to be deleted.**
6. CIP Code: **11.0501**
7. Degree Code: **6165**
8. Reason for deletion:  
**With the revision of the MIS program, as a result of industry needs, and with no students enrolled in the concentration, the Telecommunications Management concentration is no longer needed.**
9. Number of students still enrolled in program: **None**
10. Expected graduation date of last student: **N/A**
11. Name of courses which will be deleted as a result of this action: **None**
12. How will students in the deleted program be accommodated: **N/A**
13. Are funds available for reallocation? **No funds anticipated**

Board of Trustees Approval Date:

Chief Academic Officer:

Date: