

**Undergraduate Curriculum Committee  
Western Kentucky University**

Report to the University Senate:

Date: January 4, 2013

From: John White, Chair

The Undergraduate Curriculum Committee submits the following items from the 11<sup>th</sup> December, 2012 meeting for approval by the University Senate:

**Consent Item Report**

- I.     Proposal to Create a New Course
  - HIM 351
  - HIM 450
  - HIM 422
  
- II.    Proposal to Revise a Program
  - 529 Health Information Management
  - 533 Major in Construction Management
  - 729 Systems Management

**College of Health and Human Services**  
**Department of Allied Health/Health Information Management Program**  
**Proposal to Create a New Course**  
**(Action Item)**

Contact Person: Jan Hunt-Shepherd, [jan.hunt-shepherd@wku.edu](mailto:jan.hunt-shepherd@wku.edu), 270-780-2566

**1. Identification of proposed course:**

- 1.1 Course prefix (subject area) and number: HIM 351
- 1.2 Course title: International Classification of Diseases (ICD)-10 Coding
- 1.3 Abbreviated course title: ICD-10 Coding
- 1.4 Credit hours and contact hours: 1
- 1.5 Type of course: L- Lecture
- 1.6 Prerequisites: Open only to matriculated baccalaureate degree Health Information Management (HIM) students.
- 1.7 Course catalog listing: Course provides students with opportunities to learn and apply guidelines of ICD-10-CM and ICD-10-PCS coding.

**2. Rationale:**

- 2.1 Reason for developing the proposed course: Course is being developed upon recommendation by the HIM Program's national accrediting body, Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). A new healthcare coding regulation goes into effect October 1, 2014, and students must be prepared to utilize the 10<sup>th</sup> revision of the ICD (International Classification of Diseases) system.
- 2.2 Projected enrollment in the proposed course: 12-15 per semester taught. All HIM baccalaureate degree students completing the required CAHIIM accredited HIM associate degree prior to Fall 2010 must take this course. This requirement may be waived for a student upon submission of documentation showing evidence of 1) current Clinical Coding Specialist (CCS) certification through the American Health Information Management Association (AHIMA) or 2) completion of the AHIMA ICD-10 Train the Trainer Academy.
- 2.3 Relationship of the proposed course to courses now offered by the department: The HIM 250 ICD Coding course introduces the student to coding principles and assignment of codes utilizing both the 9<sup>th</sup> and 10<sup>th</sup> revisions of ICD. Students enrolled in the HIM 351 course will have prior knowledge of basic coding principles and will focus on assignment of codes from the 10<sup>th</sup> revision of ICD. Students who have completed HIM 250 or equivalent course on or after Fall 2010 will not be required to take HIM 351.
- 2.4 Relationship of the proposed course to courses offered in other departments: No other program offers this course.

- 2.5 Relationship of the proposed course to courses offered in other institutions: No other CAHIIM accredited program appears to offer this course at this time. CAHIIM is recommending that this course be added to the HIM baccalaureate degree program in response to new coding regulations being implemented October 1, 2014.

**3. Discussion of proposed course:**

3.1 Course objectives:

- Describe how ICD-10 differs from ICD-9
- Describe the basic structure of ICD-10-CM and ICD-10-PCS
- Apply coding guidelines for ICD-10-CM and ICD-10-PCS

3.2 Content outline:

- Code Structure of ICD-10-CM and ICD-10-PCS
- Organization of ICD-10-PCS
- Assignment of ICD-10 codes to diagnoses and procedures

3.3 Student expectations and requirements: Students will learn basic coding utilizing ICD-10 coding system. Students will have regular assignments focused on applying ICD-10 guidelines to coding of diagnoses and procedures.

3.4 Tentative texts and course materials:

Understanding ICD-10-CM and ICD-10-PCS- A Worktext; Bowie and Schaffer, Delmar.

**4. Resources:**

4.1 Library resources: Adequate

4.2 Computer resources: Adequate

**5. Budget implications:**

5.1 Proposed method of staffing: Currently no additional resources are needed to offer the course. The plan is to teach the course in the winter and/or summer term or as an Independent Learning course. Should the HIM baccalaureate degree program grow to 24 – 30 students a new faculty line will become a priority in the CHHS staffing plan.

5.2 Special equipment needed: None

5.3 Expendable materials needed: None

5.4 Laboratory materials needed: None

**6. Proposed term for implementation:** Fall 2013

**7. Dates of prior committee approvals:**

Health Information Management Program

September 7, 2012

Allied Health Department

September 21, 2012

CHHS Undergraduate Curriculum Committee

Oct. 8, 2012

Undergraduate Curriculum Committee

12/11/2012

University Senate

**Attachment: Library Resources Form, Course Inventory Form**

**College of Health and Human Services  
Department of Allied Health/Health Information Management Program  
Proposal to Create a New Course  
(Action Item)**

Contact Person: Karen C. Sansom, [karen.sansom@wku.edu](mailto:karen.sansom@wku.edu), 270-780-2567

**1. Identification of proposed course:**

- 1.1 Course prefix and number: HIM 450
- 1.2 Course title: Application & Analysis of HIM Theory
- 1.3 Abbreviated course title: Applic & Analys of HIM Theory
- 1.4 Credit hours and contact hours: 3
- 1.5 Type of course: Lecture
- 1.6 Prerequisite: Open only to matriculated baccalaureate degree Health Information Management (HIM) students.
- 1.7 Course catalog listing: Advanced study in application and analysis of HIM theory in healthcare settings. Must be taken in semester prior to enrollment in HIM 495 Capstone PPE

**2. Rationale:**

- 2.1 Reason for developing the proposed course: Course is being developed as part of curriculum for recently approved baccalaureate degree in Health Information Management. Addition of course per recommendation of accreditation body (Commission on Accreditation for Health Informatics and Information Management Education-CAHIIM) to include course with specific projects and emphasis from HIM perspective at the appropriate taxonomic level.
- 2.2 Projected enrollment in the proposed course: 12-15 per semester taught
- 2.3 Relationship of the proposed course to courses now offered by the department: Other HIM courses include limited application of theory projects at taxonomic levels appropriate for the HIM degree. The course will emphasize synthesis of knowledge from previous HIM courses with decision-making and problem-solving skills. Project completion and case-study analysis will prepare the student for similar activities in the internship/capstone course HIM 495.
- 2.4 Relationship of the proposed course to courses offered in other departments: No other department offers a course in application of HIM theory.
- 2.5 Relationship of the proposed course to courses offered in other institutions: Institutions offering CAHIIM accredited degree programs in HIM at both the associate and baccalaureate degree levels must offer one or more courses with specific projects and emphasis from the HIM perspective; content may be covered in one or more courses.

**3. Discussion of proposed course:**

- 3.1 Course objectives:
  - Demonstrate application and analysis of HIM theory

- Ability to maintain organizational compliance with applicable regulations and standards
  - Apply and promote ethical standards of practice
  - Apply general principles of management in the administration of health information services
  - Apply project management techniques to ensure efficient workflow and appropriate outcomes
- 3.2 Content outline (selected issues in the following HIM areas):
- Health Data Management
  - Clinical Classification Systems and Reimbursement Methods
  - Statistics and Quality Improvement
  - Healthcare Privacy, Confidentiality, Legal and Ethical Issues
  - Information Technology and Systems
  - Management and Health Information Services
  - Projects and Operations Management
- 3.3 Student expectations and requirements:  
Students will analyze case studies and complete projects relative to contemporary issues in the field of health information management.
- 3.4 Tentative texts and course materials:  
Health Information Management: Concepts, Principles and Practice. LaTour, Kathleen and Eichenwald Maki, Shirley. 2010. AHIMA.
- 4. Resources:**
- 4.1 Library resources: Adequate
- 4.2 Computer resources: Adequate
- 5. Budget implications:**
- 5.1 Proposed method of staffing: Currently no additional resources are needed to offer the course. The course will be taught on demand in either the spring semester or summer term. Should the HIM baccalaureate degree program grow to 24-30 students, a new faculty line will become a priority in the CHHS staffing plan.
- 5.2 Special equipment needed: None
- 5.3 Expendable materials needed: None
- 5.4 Laboratory materials needed: None
- 6. Proposed term for implementation:** Spring 2014
- 7. Dates of prior committee approvals:**
- |   |                           |
|---|---------------------------|
| Health Information Management Program   | <u>September 12, 2012</u> |
| Allied Health Department                | <u>September 21, 2012</u> |
| CHHS Undergraduate Curriculum Committee | <u>Oct. 8, 2012</u>       |

Undergraduate Curriculum Committee

12/11/2012

University Senate

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**Attachment: Library Resources Form, Course Inventory Form**

Proposal Date: November 1, 2012

**College of Health and Human Services**  
**Department of Allied Health/Health Information Management Program**  
**Proposal to Create a New Course**  
**(Action Item)**

Contact Person: Jan Hunt-Shepherd, [jan.hunt-shepherd@wku.edu](mailto:jan.hunt-shepherd@wku.edu), 780-2566

**1. Identification of proposed course:**

- 1.1 Course prefix and number: HIM 422
- 1.2 Course title: Clinical Evaluation and Outcomes
- 1.3 Abbreviated course title: Clinical Eval and Outcomes
- 1.4 Credit hours and contact hours: 3
- 1.5 Type of course: A—Applied Learning
- 1.6 Prerequisites: PH 383, HIM 221 or equivalent or permission of instructor.
- 1.7 Course catalog listing: Advanced course in applying measurements, evaluations, and reports to processes, structures, and outcomes in improving the efficiency and effectiveness of health information management and healthcare services.

**2. Rationale:**

- 2.1 Reason for developing the proposed course: Course is being developed as part of curriculum for recently approved baccalaureate degree in Health Information Management (HIM). The course is being added per recommendation of accreditation body (Commission on Accreditation for Health Informatics and Information Management Education-CAHIIM) to include a course with specific projects and emphasis from HIM perspective at the appropriate taxonomic level. To be successful in the HIM field, students must be able to measure, evaluate and report findings on the efficiency and effectiveness of healthcare processes, structures and outcomes. This course builds on previous quality management theories and techniques taught in the HIM Associate Degree Program. This course meets the mission of the University by providing practical experience that will be applied in the work setting to prepare graduates to become productive members of the workforce.
- 2.2 Projected enrollment in the proposed course: 12-15 per semester taught; projection based on initial enrollment figures for current academic year.
- 2.3 Relationship of the proposed course to courses now offered by the department: Basic quality management principles and techniques are offered in HIM 221-Health Information and Quality Management. The new course is an advanced course and will build on the fundamentals taught in the HIM 221 course; HIM 221 or equivalent course is a required prerequisite to ensure a basic understanding of quality management in the health information management setting. The course will include practical application of fundamentals taught in the prerequisite PH 383 course including data display, descriptive statistics, variable definition and sample selection; these applications will be specific to the field of health information management.



2.4 Relationship of the proposed course to courses offered in other departments:

No other department offers an applications based course in clinical evaluation and outcomes in the health information management profession. HCA 343- Quality Management for Healthcare provides a general overview of Quality Management in a healthcare setting. The proposed course will have a much more narrow focus with the emphasis on quality management in the area of health information management.

2.5 Relationship of the proposed course to courses offered in other institutions:

Commission on Accreditation of Health Informatics and Information Management (CAHIIM) Accredited BS Degree Programs in Health Information Management require a similar course. For example: University of Alabama at Birmingham requires HIM 465-Clinical Evaluation and Outcomes Research, Alabama State University requires HIM 446-Quality Evaluation and Management, Tennessee State requires HIMA 3030-Quality Assessment and Performance Improvement, College of St. Scholastica requires HIM 4231-Clinical Quality Management and Macon State College requires-HIMT 2140 Performance Improvement.

**3. Discussion of proposed course:**

3.5 Course objectives:

- To apply the principles and theories of health information management to performance improvement activities
- To evaluate and manage appropriate use of computer applications in creating measures, collecting data, and providing information in a useable format for quality improvement by health information management professionals
- To utilize clinical documentation to assess processes, structures, and outcomes that influence the quality of healthcare
- To develop clinical data collection, presentation, and decision support tools, such as flowcharts, matrices, decision trees, root cause analysis, Failure Mode and Effects Analysis, graphs and charts
- To assess use of clinical practice guidelines through clinical documentation analysis

3.6 Content outline:

- Medical Informatics in Performance Improvement
  - Microsystem Data
  - Medical Record Systems
  - Electronic Health Record Systems
  - Clinical Data for Quality Analysis
- Essentials of Statistical Thinking and Analysis
- Approaches to Clinical Documentation Improvement
- Alignment and Integration of Performance Improvement Systems
- Process Analysis and Improvement Tools

3.7 Student expectations and requirements:

Students will complete projects in the following areas:

- Researching and assessing performance improvement activities related to performance, structure or outcome measures

- Developing performance improvement projects, identifying purpose and goals of projects
  - Developing collection, analysis, and decision support tools
  - Justifying and defending project development
  - Collecting data, analyzing results, and presenting findings from clinical documentation project
- 3.8 Tentative texts and course materials: Advanced Performance Improvement in Health Care, Donald E Lighter, Jones and Bartlett Publishers, 2011. Specialized software will be utilized in the course for presentation of data in spreadsheets, charts, graphs, tables, and reports.
- 4. Resources:**
- 4.3 Library resources: Adequate
- 4.4 Computer resources: Adequate
- 5. Budget implications:**
- 5.5 Proposed method of staffing: Currently no additional resources are needed to offer the program. The course will be offered spring or every other spring semester. Should the program grow to 24 – 30 students a new faculty line will become a priority in the CHHS staffing plan.
- 5.6 Special equipment needed: None
- 5.7 Expendable materials needed: None
- 5.8 Laboratory materials needed: None
- 6. Proposed term for implementation:** Fall 2013
- 7. Dates of prior committee approvals:**
- |   |                          |
|---|--------------------------|
| Program of Health Information Management: | <u>November 7, 2012</u>  |
| Allied Health Department/Division:        | <u>November 12, 2012</u> |
| CHHS Undergraduate Curriculum Committee   | <u>November 26, 2012</u> |
| Undergraduate Curriculum Committee        | <u>12/11/2012</u>        |
| University Senate                         | _____                    |

**Attachment: Library Resources Form, Course Inventory Form**

Proposal Date: September 12, 2012

**College of Health & Human Services  
Department of Allied Health/Program of Health Information Management  
Proposal to Revise A Program**

**(Action Item)**

Contact Person: Karen C. Sansom, [karen.sansom@wku.edu](mailto:karen.sansom@wku.edu), 270-780-2567

**1. Identification of program:**

- 1.1 Current program reference number: 529
- 1.2 Current program title: Health Information Management
- 1.3 Credit hours: 53

**2. Identification of the proposed program changes:**

- Delete CIS 320 Personal Information Technology (3 credit hours)
- Delete CIT 370 Telecommunications I (3 credit hours)
- Add HIM 422 Clinical Quality Assessment & Performance Improvement (3 credit hours)
- Add HIM 450 Application & Analysis of HIM Theory (3 credit hours)
- Add HIM 351 ICD-10 Coding (1 credit hour)
- Increase required hours in major from 53 to 54

**3. Detailed program description:**

Current Curriculum	Proposed Curriculum
Health Information Management Baccalaureate Degree	Health Information Management Baccalaureate Degree
I. Health Information Management Courses ( <b>12</b> credit hours) <ul style="list-style-type: none"><li>• HIM 230 Computer Systems &amp; Applications in HIM-3</li><li>• HIM 252 Healthcare Payment Systems-3</li><li>• HIM 350 Health Informatics Research-3</li> <li>• HIM 495 Capstone PPE-3</li></ul>	I. Health Information Management Courses ( <b>19</b> credit hours) <ul style="list-style-type: none"><li>• HIM 230 Computer Systems &amp; Applications in HIM-3</li><li>• HIM 252 Healthcare Payment Systems-3</li><li>• HIM 350 Health Informatics Research-3</li><li>• <b>HIM 351 ICD-10 Coding-1 (NEW)</b></li><li>• <b>HIM 422 Clinical Quality Assessment &amp; Performance Improvement-3 (NEW)</b></li><li>• <b>HIM 450 Application &amp; Analysis of HIM Theory-3 (NEW)</b></li><li>• HIM 495 Capstone PPE-3</li></ul>

<p>II. Required Support Courses (<b>33</b> credit hours)</p> <ul style="list-style-type: none"> <li>• <b>CIS 320 Personal Information Technologies-3</b></li> <li>• CIT 310 Systems Architecture I -3</li> <li>• CIT 330 Systems Development I-3</li> <li>• CIT 332 Systems Development II-3</li> <li>• CIT 350 Database Administration I-3</li> <li>• <b>CIT 370 Telecommunications I -3</b></li> <li>• CIT 492 Technology Management I-3</li> <li>• HCA 340 Health Care Organization and Management-3</li> <li>• HCA 342 Human Resources Management for Healthcare Managers-3</li> <li>• HCA 401 or HCA 445 Fundamentals of Health Care Financial Management OR Health Care Finance-3</li> <li>• PH 383 Biostatistics in the Health Sciences-3</li> </ul>	<p>II. Required Support Courses (<b>27</b> credit hours)</p> <ul style="list-style-type: none"> <li>• <b>(DELETED)</b></li> <li>• CIT 310 Systems Architecture I -3</li> <li>• CIT 330 Systems Development I-3</li> <li>• CIT 332 Systems Development II-3</li> <li>• CIT 350 Database Administration I-3</li> <li>• <b>(DELETED)</b></li> <li>• CIT 492 Technology Management I-3</li> <li>• HCA 340 Health Care Organization and Management-3</li> <li>• HCA 342 Human Resources Management for Healthcare Managers-3</li> <li>• HCA 401 or HCA 445 Fundamentals of Health Care Financial Management OR Health Care Finance-3</li> <li>• PH 383 Biostatistics in the Health Sciences-3</li> </ul>
<p>III. Electives (8 credit hours) Choose among following: HIM 100-Health Data Content &amp; Structure; HIM 221-Health Information and Quality Management; HIM 250-ICD Coding; and HIM 251 HCPCS/CPT Coding</p>	<p>III. Electives (8 credit hours) Choose among following: HIM 100-Health Data Content &amp; Structure; HIM 221-Health Information and Quality Management; HIM 250-ICD Coding; and HIM 251 HCPCS/CPT Coding</p>
<b>53 Total Semester Hours</b>	<b>54 Total Semester Hours</b>
*Completion of an associate degree from a Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) required prior to admission. Course selection dependent on requirements completed as part of associate degree.	*Completion of an associate degree from a Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) required prior to admission. Course selection dependent on requirements completed as part of associate degree.

#### 4. Rationale for the proposed program change:

- Delete CIS 320 Personal Information Technology from the curriculum  
Rationale: At the recommendation of the program accrediting body, Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM), the required curriculum map was reviewed; faculty determined that the entry-level competencies and knowledge clusters would be addressed at the appropriate taxonomic levels through the content of the remaining courses.



**Ogden College of Science and Engineering  
Department of Architecture and Manufacturing Sciences  
Proposal to Revise A Program  
(Action Item)**

Contact Person: Ahmed Khalafallah, [ahmed.khalafallah@wku.edu](mailto:ahmed.khalafallah@wku.edu) , phone 745-5949

**1. Identification of program:**

- 1.8 Current program reference number: 533
- 1.9 Current program title: Major in Construction Management
- 1.10 Credit hours: 71

**2. Identification of the proposed program changes:**

- Replace the required course CM 227 with AMS 282
- Replace the required course PHIL 321 with PHIL 320
- Add ECON 202 as an alternative to ECON 150

**3. Detailed program description:**

Current Program			Proposed Program		
<b>Program Description:</b> The following courses are required for the major:			<b>Program Description:</b> The following courses are required for the major:		
<i>Major in Construction Management</i>			<i>Major in Construction Management</i>		
Course #	Course Title	Hrs	Course #	Course Title	Hrs
AMS 140	Intro to Occupational Safety	1	AMS 140	Intro to Occupational Safety	1
AMS 163	Architectural Drafting	3	AMS 163	Architectural Drafting	3
AMS 261	Construction Methods & Materials	3	AMS 261	Construction Methods & Materials	3
AMS 262	Construction Laboratory	1	AMS 262	Construction Laboratory	1
AMS 271	Industrial Statistics	3	AMS 271	Industrial Statistics	3
AMS 325	Survey of Building Systems	3	AMS 325	Survey of Building Systems	3
AMS 398	Internship I	1	AMS 398	Internship I	1
AMS 430	Tech. Mgmt./Supervision/Team Bldg.	3	AMS 430	Tech. Mgmt./Supervision/Team Bldg.	3
AMS 490	Senior Research	3	AMS 490	Senior Research	3
<b>CM 227</b>	<b>Applied Statics</b>	<b>3</b>	<b>AMS 282</b>	<b>Architectural Structures</b>	<b>3</b>
CM 250	Contract Documents	3	CM 250	Contract Documents	3
CM 337	Applied Strength of Materials	3	CM 337	Applied Strength of Materials	3
CM 346	Applied Soil Mech. & Foundations	3	CM 346	Applied Soil Mech. & Foundations	3
CM 363	Construction Estimating & Bidding I	3	CM 363	Construction Estimating & Bidding I	3
CM 400	Construction Administration	3	CM 400	Construction Administration	3
CM 426	Construction Law	3	CM 426	Construction Law	3
CM 462	Construction Scheduling	3	CM 462	Construction Scheduling	3

CM 463	Construction Estimating & Bidding II	3	CM 463	Construction Estimating & Bidding II	3
CE 160	Surveying I	3	CE 160	Surveying I	3
CE 161	Surveying I Lab	1	CE 161	Surveying I Lab	1
CE 303	Construction Management	3	CE 303	Construction Management	3
CE 304	Construction Management Lab	1	CE 304	Construction Management Lab	1
CE 316	Equipment & Methods	3	CE 316	Equipment & Methods	3
ACCT 200	Introductory Accounting Financial	3	ACCT 200	Introductory Accounting Financial	3
ACCT 201	Introductory Accounting Managerial	3	ACCT 201	Introductory Accounting Managerial	3
MGT 301	Business Law	3	MGT 301	Business Law	3
MGT 311	Human Resources Management	3	MGT 311	Human Resources Management	3
Total Hours in Major		71	Total Hours in Major		71
Students are also required to take the following additional courses outside of the major:			Students are also required to take the following additional courses outside of the major:		
AMS 175	University Experience	2	AMS 175	University Experience	2
CIS 141	Basic Computer Literacy	3	CIS 141	Basic Computer Literacy	3
ENG 100	Freshman English	3	ENG 100	Freshman English	3
ENG 200	Introduction to Literature	3	ENG 200	Introduction to Literature	3
ENG 300	Junior English	3	ENG 300	Junior English	3
COMM 161	Public Speaking Elective	3	COMM 161	Public Speaking Elective	3
<b>PHIL 321</b>	<b>Morality &amp; Business</b>	<b>3</b>	<b>PHIL 320</b>	<b>Ethics</b>	<b>3</b>
HIST 119 (120)	Western Civ. to (since) 1648	3	HIST 119 (120)	Western Civ. to (since) 1648	3
<b>ECON 150</b>	<b>Introduction to Economics</b>	<b>3</b>	<b>ECON 150 (202)</b>	<b>Introduction to Economics (Principles of Economics - Micro)</b>	<b>3</b>
CHEM 106	Fund of Gen Chem Lab	1	CHEM 106	Fund of Gen Chem Lab	1
CHEM 116	Intro to College Chemistry	3	CHEM 116	Intro to College Chemistry	3
PHYS 201	College Physics I	4	PHYS 201	College Physics I	4
SFTY 171	Safety and First Aid	1	SFTY 171	Safety and First Aid	1
and 6 hours of advisor approved electives; these courses may fulfill general education requirements.		6	and 6 hours of advisor approved electives; these courses may fulfill general education requirements.		6
Total Other Additional Hours		41	Total Other Additional Hours		41

#### 4. Rationale for the proposed program change:

- To consolidate the offerings of courses with similar topics offered by different programs within the department (AMS 282 Architectural Structures, and CM 227 Applied Statics).
- The Department of Philosophy and Religion is not offering PHIL 321 on a continuous basis. PHIL 320 has been developed as a substitute course and offered on a continuous basis to address ethics and morality in business.
- To facilitate student progress towards a Minor in Business Administration. Only three additional courses would be required to complete a Minor in Business Administration if the student takes ECON 202.

#### 5. Proposed term for implementation and special provisions (if applicable): 201330

**6. Dates of prior committee approvals:**

AMS Department: \_\_\_\_\_10/10/2012\_\_\_\_\_

Ogden College Curriculum Committee \_\_\_\_\_10/11/2012\_\_\_\_\_

Undergraduate Curriculum Committee 12/11/2012

University Senate \_\_\_\_\_



**University College  
Systems Management  
Proposal to Revise a Program  
(Action Item)**

Contact Person: Jim Lindsey

email: [jim.lindsey@wku.edu](mailto:jim.lindsey@wku.edu)

phone: 745-8818

**1. Identification of program:**

- 1.11 Current program reference number: 729
- 1.12 Current program title: Systems Management
- 1.13 Credit hours: 48 hours in the major; 120 total hours required

**2. Identification of the proposed program changes:**

- Add a concentration: Agricultural Systems

**3. Detailed program description:**

CURRENT PROGRAM	PROPOSED PROGRAM
<p>Overview of Systems Management:</p> <p>Systems Management (SM) is an interdisciplinary major offered through the University College. Systems Management applies an informatics perspective to the management of people, information, processes and systems within the organization. The SM major offers an interdisciplinary approach to the design, application, use and management of information and communication technologies and systems. Courses in the SM program emphasize the human, technological, and organizational perspective. Students also take elective courses in various applied technologies or allied disciplines that are major information systems users. In a knowledge-oriented economy, organizations succeed on the basis of their innovation and management of information. The SM major is designed to help students prepare for a rewarding career in this dynamic field.</p> <p>The SM degree (reference number 729)</p>	<p>Overview of Systems Management:</p> <p>Systems Management (SM) is an interdisciplinary major offered through the University College. Systems Management applies an informatics perspective to the management of people, information, processes and systems within the organization. The SM major offers an interdisciplinary approach to the design, application, use and management of information and communication technologies and systems. Courses in the SM program emphasize the human, technological, and organizational perspective. Students also take elective courses in various applied technologies or allied disciplines that are major information systems users. In a knowledge-oriented economy, organizations succeed on the basis of their innovation and management of information. The SM major is designed to help students prepare for a rewarding career in this dynamic field.</p> <p>The SM degree (reference number 729)</p>

<p>requires 120 credit hours and leads to a Bachelor of Science degree. No minor or second major is required. All SM courses must be completed with a grade of “C” or better. Enrollment in the SM program is limited and based on student qualifications.</p> <p>All students complete the eight-course (24-hour) core curriculum consisting of SM 300, 346, 347, 348, 443, 444, 446, and 447. Each student also completes at least one five-course (15-hour) concentration. Students must also complete 9 hours of relevant electives to be selected in consultation with the advisor. Students must earn a grade of “C” or better in all SM courses.</p> <p>Transfer students who have completed relevant coursework should petition the department with information about courses taken and what substitutions are being sought. Petitions will be reviewed by a faculty committee and recommendations approved by the department chair and dean of the college in a manner consistent with WKU guidelines.</p> <p>Students who transfer to WKU with an applied associate degree (e.g., Associate of Applied Science) receive a 12-hour waiver from the overall upper-level course requirement.</p> <p>Core Requirement completed by all majors: 24 hours – SM 300, 346, 347, 348, 443, 444, 446, and 447</p> <p>Program Electives: 24 hours Electives include 9 hours of relevant electives completed in consultation with advisor, and a 15-hour concentration from one of the following areas:</p> <p>Administrative Systems COMM 346, 349, 362, 460, ENG 306,</p>	<p>requires 120 credit hours and leads to a Bachelor of Science degree. No minor or second major is required. All SM courses must be completed with a grade of “C” or better. Enrollment in the SM program is limited and based on student qualifications.</p> <p>All students complete the eight-course (24-hour) core curriculum consisting of SM 300, 346, 347, 348, 443, 444, 446, and 447. Each student also completes at least one five-course (15-hour) concentration. Students must also complete 9 hours of relevant electives to be selected in consultation with the advisor. Students must earn a grade of “C” or better in all SM courses.</p> <p>Transfer students who have completed relevant coursework should petition the department with information about courses taken and what substitutions are being sought. Petitions will be reviewed by a faculty committee and recommendations approved by the department chair and dean of the college in a manner consistent with WKU guidelines.</p> <p>Students who transfer to WKU with an applied associate degree (e.g., Associate of Applied Science) receive a 12-hour waiver from the overall upper-level course requirement.</p> <p>Core Requirement completed by all majors: 24 hours – SM 300, 346, 347, 348, 443, 444, 446, and 447</p> <p>Program Electives: 24 hours Electives include 9 hours of relevant electives completed in consultation with advisor, and a 15-hour concentration from one of the following areas:</p> <p>Administrative Systems COMM 346, 349, 362, 460, ENG 306,</p>
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<p>JOUR 341, 344, BE 350, 362, PSY 370, 371; additionally, any course that may be used to satisfy the minor in business administration (see GFCOB Minor). Note: no more than 12 hours of upper-division electives may be taken from the College of Business course offerings.</p>	<p>JOUR 341, 344, BE 350, 362, PSY 370, 371; additionally, any course that may be used to satisfy the minor in business administration (see GFCOB Minor). Note: no more than 12 hours of upper-division electives may be taken from the College of Business course offerings.</p>
<p><b>Criminology Systems</b> SOCL 232, 330, 332, PS 328, and three hours of advisor approved upper-division electives</p>	<p><b>Agricultural Systems</b> <b>AGRI 108, 280, 291, 494, AGRO 110, ANSC 140, AGMC 170, 171, AGECE 360</b></p>
<p><b>Digital Media Technologies</b> CIS 320, BCOM 264, 366, 367, 480</p>	<p><b>Criminology Systems</b> SOCL 232, 330, 332, PS 328, and three hours of advisor approved upper-division electives</p>
<p><b>Fire/Rescue Administration</b> (the following courses are offered through KCTCS) FRS 104, 105, 201, 1027, 1047, 2016, 2026, 2051, 2071</p>	<p><b>Digital Media Technologies</b> CIS 320, BCOM 264, 366, 367, 480</p>
<p><b>Geographic Information Systems</b> GEOG 316, 317, 417, 419, 443, 477</p>	<p><b>Fire/Rescue Administration</b> (the following courses are offered through KCTCS) FRS 104, 105, 201, 1027, 1047, 2016, 2026, 2051, 2071</p>
<p><b>Government Systems</b> PS 110, 338, 355, 412, 440, ECON 420</p>	<p><b>Geographic Information Systems</b> GEOG 316, 317, 417, 419, 443, 477</p>
<p><b>Health-Care Informatics</b> HCA 340, 342, 343, 344, 346, 347, 442, 445, 446</p>	<p><b>Government Systems</b> PS 110, 338, 355, 412, 440, ECON 420</p>
<p><b>Human Resource Development</b> AMS 310, COMM 460, JOUR 355, MGT 311, 400, 411, 414, 416, 473, PSY 410, SOCL 312. Note: no more than 12 hours of upper-division electives may be taken from the College of Business course offerings.</p>	<p><b>Health-Care Informatics</b> HCA 340, 342, 343, 344, 346, 347, 442, 445, 446</p>
<p><b>Industrial/Manufacturing Systems</b> AMS 310, 342, 356, 371, 392, 394, 396,</p>	<p><b>Human Resource Development</b> AMS 310, COMM 460, JOUR 355, MGT 311, 400, 411, 414, 416, 473, PSY 410, SOCL 312. Note: no more than 12 hours of upper-division electives may be taken from the College of Business course offerings.</p>
	<p><b>Industrial/Manufacturing Systems</b> AMS 310, 342, 356, 371, 392, 394, 396,</p>

430	430
Information Systems CIT 310, 330 (or CIS 226), CIT 350, 370, CIS 243, 320, 321	Information Systems CIT 310, 330 (or CIS 226), CIT 350, 370, CIS 243, 320, 321
Law Enforcement Administration (the following courses are offered through KCTCS) CJ 201, 204, 210, 215, 216, 217, 222	Law Enforcement Administration (the following courses are offered through KCTCS) CJ 201, 204, 210, 215, 216, 217, 222
Leadership LEAD 200, 325, 330, 395, 400	Leadership LEAD 200, 325, 330, 395, 400
Military Systems (Civilian Career Option) MIL 301, 302, 401, LEAD 200, 475, (ROTC students may take MIL 402)	Military Systems (Civilian Career Option) MIL 301, 302, 401, LEAD 200, 475, (ROTC students may take MIL 402)
Occupational Safety and Health ENV 120, 221, 321, 322, 367, 375, 380, 410, 423, 460, 474, 480, PH 385	Occupational Safety and Health ENV 120, 221, 321, 322, 367, 375, 380, 410, 423, 460, 474, 480, PH 385
Technical Sales MKT 325, 328, 424, 425, PSY 371, JOUR 341	Technical Sales MKT 325, 328, 424, 425, PSY 371, JOUR 341
Technical Training MGT 473, COMM 345, 346, 349, PSY 410	Technical Training MGT 473, COMM 345, 346, 349, PSY 410
Technical Writing ENG 301, 306, 307, 401, 415	Technical Writing ENG 301, 306, 307, 401, 415

**4. Rationale for the proposed program change:**

One new concentration, Agricultural Systems, is being proposed to meet growing interest in agricultural-related occupations. The U.S. Bureau of Labor Statistics, Employment Projections program, expects employment of agricultural and food technicians, purchasing managers, buyers, and purchasing agents to increase 7 percent from 2010 to 2020. WKU's service region is home to many farms, ranches, and orchards, as well as many businesses that support or cater to the agricultural industry. This concentration will give Systems Management majors the opportunity to select their program electives in this area. The electives listed for this concentration were identified in partnership with the Agriculture department.

**5. Proposed term for implementation and special provisions (if applicable):**

Fall 2013

**6. Dates of prior committee approvals:**

CIS Department/Division:	October 8, 2012
UC Curriculum Committee	November 14, 2012
Undergraduate Curriculum Committee	<u>12/11/2012</u>
University Senate	_____