The University Senate recommends the Undergraduate Curriculum Committee Report dated December 2012, and approved in the Senate to the Provost for endorsement.

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 11th 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

Approved 1/29/2013
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 10th 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 9th and 10th 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 10th 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.
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, 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 September 12, 2012
Allied Health Department September 21, 2012
CHHS Undergraduate Curriculum Committee Oct. 8, 2012
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, 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: November 7, 2012
Allied Health Department/Division: November 12, 2012
CHHS Undergraduate Curriculum Committee: November 26, 2012
Undergraduate Curriculum Committee: 12/11/2012
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, 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:**

<table>
<thead>
<tr>
<th>Current Curriculum</th>
<th>Proposed Curriculum</th>
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</thead>
<tbody>
<tr>
<td>Health Information Management Baccalaureate Degree</td>
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</tr>
<tr>
<td><strong>I. Health Information Management Courses</strong> (12 credit hours)</td>
<td><strong>I. Health Information Management Courses</strong> (19 credit hours)</td>
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<tr>
<td>• HIM 230 Computer Systems &amp; Applications in HIM-3</td>
<td>• HIM 230 Computer Systems &amp; Applications in HIM-3</td>
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<tr>
<td>• HIM 252 Healthcare Payment Systems-3</td>
<td>• HIM 252 Healthcare Payment Systems-3</td>
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<tr>
<td>• HIM 350 Health Informatics Research-3</td>
<td>• HIM 350 Health Informatics Research-3</td>
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<tr>
<td>• HIM 495 Capstone PPE-3</td>
<td>• HIM 351 ICD-10 Coding-1 (NEW)</td>
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<td>• HIM 422 Clinical Quality Assessment &amp; Performance Improvement-3 (NEW)</td>
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<tr>
<td></td>
<td>• HIM 450 Application &amp; Analysis of HIM Theory-3 (NEW)</td>
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<td>• HIM 495 Capstone PPE-3</td>
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</tbody>
</table>
### II. Required Support Courses (33 credit hours)

- **CIS 320  Personal Information Technologies** - 3
- CIT 310  Systems Architecture I - 3
- CIT 330  Systems Development I-3
- CIT 332  Systems Development II-3
- CIT 350  Database Administration I-3
- **CIT 370  Telecommunications I** - 3
- CIT 492  Technology Management I-3
- HCA 340  Health Care Organization and Management-3
- HCA 342  Human Resources Management for Healthcare Managers-3
- HCA 401 or HCA 445  Fundamentals of Health Care Financial Management OR Health Care Finance-3
- PH 383  Biostatistics in the Health Sciences-3

### II. Required Support Courses (27 credit hours)

- **(DELETED)**
- CIT 310  Systems Architecture I - 3
- CIT 330  Systems Development I-3
- CIT 332  Systems Development II-3
- CIT 350  Database Administration I-3
- **(DELETED)**
- CIT 492  Technology Management I-3
- HCA 340  Health Care Organization and Management-3
- HCA 342  Human Resources Management for Healthcare Managers-3
- HCA 401 or HCA 445  Fundamentals of Health Care Financial Management OR Health Care Finance-3
- PH 383  Biostatistics in the Health Sciences-3

### III. Electives (8 credit hours)

Choose among following:  HIM 100-Health Data Content & Structure; HIM 221-Health Information and Quality Management; HIM 250-ICD Coding; and HIM 251 HCPCS/CPT Coding

### III. Electives (8 credit hours)

Choose among following:  HIM 100-Health Data Content & Structure; HIM 221-Health Information and Quality Management; HIM 250-ICD Coding; and HIM 251 HCPCS/CPT Coding

<table>
<thead>
<tr>
<th>53 Total Semester Hours</th>
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<tbody>
<tr>
<td><em>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.</em></td>
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</table>

<table>
<thead>
<tr>
<th>54 Total Semester Hours</th>
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<tbody>
<tr>
<td><em>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.</em></td>
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</tbody>
</table>

### 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 though the content of the remaining courses.
• Delete CIT 370 Telecommunications I from the curriculum  
  Rationale: At the recommendation of 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 though the content of the remaining courses.

• Add HIM 351 ICD-10 Coding to the curriculum  
  Rationale: By federal mandate, the 10th revision of the coding system ICD-CM (International Classification of Diseases-Clinical Modification) and a new system, ICD-PCS (Procedure Coding System), will be implemented on October 1, 2014. These coding systems were not included in the required associate degree curriculum prior to 2010. Students graduating prior to that date must complete the course or demonstrate competency of the material.

• Add HIM 422 Clinical Quality Assessment & Performance Improvement to the curriculum  
  Rationale: This revision was made based on recommendations from CAHIIM following an initial review of the curriculum. This course will ensure required competencies and knowledge clusters are taught at the taxonomic levels appropriate for the baccalaureate degree.

• Add HIM 450 Application & Analysis of HIM Theory to the curriculum  
  Rationale: This revision was made based on recommendations from CAHIIM following an initial review of the curriculum. The addition of this course will include required specific projects and emphasis from the HIM perspective. This course will also ensure required competencies and knowledge clusters are taught at the taxonomic levels appropriate for the baccalaureate degree.

• Two 3-credit hour courses are being deleted, while two 3-credit hours courses and one 1-credit hour course are being added. Thus, the hours required in the major is increasing by one credit hour (from 53 to 54 credit hours).

5. **Proposed term for implementation and special provisions:** Fall 2013.

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

   Health Information Management Program  
   September 12, 2012

   Allied Health Department  
   September 21, 2012

   CHHS Undergraduate Curriculum Committee  
   Oct. 8, 2012

   Undergraduate Curriculum Committee  
   12/11/2012

   University Senate  
   ___________________
Proposal Date: 10/10/2102

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, 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:

<table>
<thead>
<tr>
<th>Current Program</th>
<th>Proposed Program</th>
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<tbody>
<tr>
<td><strong>Program Description</strong>: The following courses are</td>
<td><strong>Program Description</strong>: The following courses are</td>
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<td>required for the major:</td>
<td>required for the major:</td>
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<td><strong>Major in Construction Management</strong></td>
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<tr>
<td>AMS 140</td>
<td>Intro to Occupational Safety</td>
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<td>AMS 163</td>
<td>Architectural Drafting</td>
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<td>AMS 261</td>
<td>Construction Methods &amp; Materials</td>
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<td>AMS 262</td>
<td>Construction Laboratory</td>
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<td>AMS 271</td>
<td>Industrial Statistics</td>
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<tr>
<td>AMS 325</td>
<td>Survey of Building Systems</td>
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<tr>
<td>AMS 398</td>
<td>Internship I</td>
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<td>AMS 430</td>
<td>Tech. Mgmt./Supervision/Team Bldg.</td>
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<td>AMS 490</td>
<td>Senior Research</td>
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<td><strong>CM 227</strong></td>
<td><strong>Applied Statics</strong></td>
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<td>CM 250</td>
<td>Contract Documents</td>
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<td>CM 337</td>
<td>Applied Strength of Materials</td>
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<td>CM 400</td>
<td>Construction Administration</td>
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<td>CM 426</td>
<td>Construction Law</td>
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<td>CM 462</td>
<td>Construction Scheduling</td>
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<td>AMS 175</td>
<td>University Experience</td>
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<tr>
<td>CIS 141</td>
<td>Basic Computer Literacy</td>
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<td>ENG 100</td>
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<td>ENG 200</td>
<td>Introduction to Literature</td>
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<td>ENG 300</td>
<td>Junior English</td>
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<td>COMM 161</td>
<td>Public Speaking Elective</td>
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<tr>
<td>PHIL 321</td>
<td>Morality &amp; Business</td>
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<tr>
<td>HIST 119</td>
<td>Western Civ. to (since) 1648</td>
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<td>ECON 150</td>
<td>Introduction to Economics</td>
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<td>CHEM 106</td>
<td>Fund of Gen Chem Lab</td>
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<td>CHEM 116</td>
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<td>PHYS 201</td>
<td>College Physics I</td>
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<tr>
<td>SFTY 171</td>
<td>Safety and First Aid</td>
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Students are also required to take the following additional courses outside of the major:

- AMS 175: University Experience 2 credits
- CIS 141: Basic Computer Literacy 3 credits
- ENG 100: Freshman English 3 credits
- ENG 200: Introduction to Literature 3 credits
- ENG 300: Junior English 3 credits
- COMM 161: Public Speaking Elective 3 credits
- PHIL 321: Morality & Business 3 credits
- HIST 119: Western Civ. to (since) 1648 3 credits
- ECON 150: Introduction to Economics (Principles of Economics - Micro) 3 credits
- CHEM 106: Fund of Gen Chem Lab 1 credit
- CHEM 116: Intro to College Chemistry 3 credits
- PHYS 201: College Physics I 4 credits
- SFTY 171: Safety and First Aid 1 credit

and 6 hours of advisor approved electives; these courses may fulfill general education requirements.

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:

<table>
<thead>
<tr>
<th>Committee</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>AMS Department</td>
<td>10/10/2012</td>
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<tr>
<td>Ogden College Curriculum Committee</td>
<td>10/11/2012</td>
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<td>Undergraduate Curriculum Committee</td>
<td>12/11/2012</td>
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<tr>
<td>University Senate</td>
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</tbody>
</table>
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:**

<table>
<thead>
<tr>
<th>CURRENT PROGRAM</th>
<th>PROPOSED PROGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overview of Systems Management:</td>
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<tr>
<td>Systems Management (SM) is an interdisciplinary major offered through the</td>
<td>Systems Management (SM) is an interdisciplinary major offered through the</td>
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<td>University College. Systems Management applies an informatics perspective to</td>
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<tr>
<td>the management of people, information, processes and systems within the</td>
<td>the management of people, information, processes and systems within the</td>
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<tr>
<td>organization. The SM major offers an interdisciplinary approach to the design,</td>
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<td>application, use and management of information and communication technologies</td>
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<td>The SM degree (reference number 729)</td>
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</table>
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.

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.

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.

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.

Core Requirement completed by all majors: 24 hours – SM 300, 346, 347, 348, 443, 444, 446, and 447

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:

Administrative Systems
COMM 346, 349, 362, 460, ENG 306,
<table>
<thead>
<tr>
<th>Program</th>
<th>Required Courses</th>
<th>Additional Requirements</th>
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</thead>
<tbody>
<tr>
<td>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.</td>
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<td>Criminology Systems</td>
<td>SOCL 232, 330, 332, PS 328, and three hours of advisor approved upper-division electives</td>
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<td>Digital Media Technologies</td>
<td>CIS 320, BCOM 264, 366, 367, 480</td>
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<tr>
<td>Fire/Rescue Administration</td>
<td>(the following courses are offered through KCTCS) FRS 104, 105, 201, 1027, 1047, 2016, 2026, 2051, 2071</td>
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<td>Geographic Information Systems</td>
<td>GEOG 316, 317, 417, 419, 443, 477</td>
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<td>Government Systems</td>
<td>PS 110, 338, 355, 412, 440, ECON 420</td>
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<td>Health-Care Informatics</td>
<td>HCA 340, 342, 343, 344, 346, 347, 442, 445, 446</td>
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<td>Human Resource Development</td>
<td>AMS 310, COMM 460, JOUR 355, MGT 311, 400, 411, 414, 416, 473, PSY 410, SOCL 312.</td>
<td>Note: no more than 12 hours of upper-division electives may be taken from the College of Business course offerings.</td>
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<td>Industrial/Manufacturing Systems</td>
<td>AMS 310, 342, 356, 371, 392, 394, 396,</td>
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<td>Agricultural Systems</td>
<td>AGRI 108, 280, 291, 494, AGRO 110, ANSC 140, AGMC 170, 171, AGEC 360</td>
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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

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)

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 Training
MGT 473, COMM 345, 346, 349, PSY 410

Technical Writing
ENG 301, 306, 307, 401, 415

430
Information Systems
CIT 310, 330 (or CIS 226), CIT 350, 370, 
CIS 243, 320, 321

Law Enforcement Administration
(the following courses are offered through 
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Leadership
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ENV 120, 221, 321, 322, 367, 375, 380, 
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MKT 325, 328, 424, 425, PSY 371, JOUR 
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Technical Training
MGT 473, COMM 345, 346, 349, PSY 410

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 12/11/2012

University Senate ____________________