**Ogden College of Science and Engineering**

**Office of the Dean**

**745-4449**

**REPORT TO THE UNIVERSITY CURRICULUM COMMITTEE**

Date: March 11, 2015

The Ogden College of Science and Engineering submits the following consent items for consideration at the March 2015 UCC meeting:

1. New Business

|  |  |
| --- | --- |
| **Type of item** | **Description of Item & Contact Information** |
| Consent | **Proposal to Revise a Course Listing**  EE 180, Digital Circuits, 3 hrs.  Contact: Mark Cambron. [Mark.cambron@wku.edu](mailto:Mark.cambron@wku.edu), x8868 |
| Consent | **Proposal to Revise a Course Listing**  EE 410, Computer Design, 3 hrs.  Contact: Mark Cambron. [Mark.cambron@wku.edu](mailto:Mark.cambron@wku.edu), x8868 |
| Consent | **Proposal to Revise a Course Listing**  EE 411, Computer Design Lab, 1 hr.  Contact: Mark Cambron. [Mark.cambron@wku.edu](mailto:Mark.cambron@wku.edu), x8868 |
| Consent | **Proposal to Revise a Course Listing**  EE 450, Digital Signal Processing, 3 hrs.  Contact: Mark Cambron. [Mark.cambron@wku.edu](mailto:Mark.cambron@wku.edu), x8868 |
| Consent | **Proposal to Revise a Course Listing**  EE 451, Digital Signal Processing Lab, 1 hr.  Contact: Mark Cambron. [Mark.cambron@wku.edu](mailto:Mark.cambron@wku.edu), x8868 |
| Consent | **Proposal to Revise a Course Listing**  EE 470, Communication and Modulation, 3 hrs  Contact: Mark Cambron. [Mark.cambron@wku.edu](mailto:Mark.cambron@wku.edu), x8868 |
| Consent | **Proposal to Revise a Course Listing**  EE 473, Introduction to Electromagnetic Fields and Waves, 3 hrs.  Contact: Mark Cambron. [Mark.cambron@wku.edu](mailto:Mark.cambron@wku.edu), x8868 |
| Consent | **Proposal to Revise a Course Listing**  EE 475, Communication Systems Lab, 1 hr.  Contact: Mark Cambron. [Mark.cambron@wku.edu](mailto:Mark.cambron@wku.edu), x8868 |
| Consent | **Proposal to Delete a Course**  GEOG 240, Introduction to Planning, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Delete a Course**  GEOG 384 Planning for Global Change, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Delete a Course**  GEOG 473, Interactions in the Cave and Karst Environment, 3 hrs Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise Course Catalog Listing**  GEOG 227, Our Vulnerable Planet, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise Course Catalog Listing**  GEOG 280, Environmental Science and Sustainability, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise Course Catalog Listing**  GEOG 471, Natural Resource Management, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise a Course Title**  GEOG 344, Environmental Ethics in Geography, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise Course Catalog Listing**  GEOG 427, Water Resources, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise Course Prerequisites/Corequisites**  GEOG 328, Elements of Biogeography, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise Course Prerequisites/Corequisites**  GEOG 380, Global Sustainability, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise Course Prerequisites/Corequisites**  GEOG 420, Geomorphology, 4 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise Course Prerequisites/Corequisites**  GEOG 461, Karst Environments, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise Course Prerequisites/Corequisites**  GEOG 487, Environmental Law, 3 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |
| Consent | **Proposal to Revise Course Prerequisites/Corequisites**  GEOL 420 Geomorphology, 4 hrs.  Contact: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), x5982 |

Proposal Date: February 16, 2015

**Ogden College of Science and Engineering**

**Department of Engineering**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Mark Cambron, [mark.cambron@wku.edu](mailto:mark.cambron@wku.edu), 745-8868

1. **Identification of course:**
   1. Course prefix (subject area) and number: EE 180
   2. Course title: Digital Circuits
2. **Current course catalog listing:**

An introductory course in digital circuit fundamentals. Topics include number systems, Boolean algebra, binary codes, logic gates, flip-flops, counters, and registers. Laboratory included.

1. **Proposed course catalog listing:**An introductory course in digital circuit fundamentals. Topics include number systems, Boolean algebra, binary codes, logic gates, flip-flops, counters, and registers.
2. **Rationale for revision of the course catalog listing:**

The lab was removed from EE 180 in an earlier proposal. However, the catalog listing was not updated.

1. **Proposed term for implementation:**Fall 2015
2. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Engineering Department | **26 February 2015** |
| OSCE College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: February 16, 2015

**Ogden College of Science and Engineering**

**Department of Engineering**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Mark Cambron, [mark.cambron@wku.edu](mailto:mark.cambron@wku.edu), 745-8868

1. **Identification of course:**
   1. Course prefix (subject area) and number: EE 410
   2. Course title: Computer Design
2. **Current course catalog listing:**

This is the University of Louisville course EE 510. Topics include a review of logic design and elementary computer organization. Asynchronous and synchronous logic design using VHDL and programmable logic. Design of the central processing unit, memory, control, and input-output portions of a computer. The VHDL hardware design language will be used.

1. **Proposed course catalog listing:**Topics include a review of logic design and elementary computer organization. Asynchronous and synchronous logic design using VHDL and programmable logic. Design of the central processing unit, memory, control, and input-output portions of a computer. The VHDL hardware design language will be used.
2. **Rationale for revision of the course catalog listing:**

All electrical engineering courses are part of the Electrical Engineering Program and can be taught be any EE faculty.

1. **Proposed term for implementation:**Fall 2015
2. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Engineering Department | **26 February 2015** |
| OSCE College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: February 16, 2015

**Ogden College of Science and Engineering**

**Department of Engineering**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Mark Cambron, [mark.cambron@wku.edu](mailto:mark.cambron@wku.edu), 745-8868

1. **Identification of course:**
   1. Course prefix (subject area) and number: EE 411
   2. Course title: Computer Design Lab
2. **Current course catalog listing:**

This is the University of Louisville course EE 511. This course is a laboratory which illustrates analysis and design principles of EE 410. It includes experiments in the design of the central processing unit, memory, control, and input-output portions of a computer using VHDL and PC based for software simulation.

1. **Proposed course catalog listing:**This course is a laboratory which illustrates analysis and design principles of EE 410. It includes experiments in the design of the central processing unit, memory, control, and input-output portions of a computer using VHDL and PC based for software simulation.
2. **Rationale for revision of the course catalog listing:**

All electrical engineering courses are part of the Electrical Engineering Program and can be taught be any EE faculty.

1. **Proposed term for implementation:**Fall 2015
2. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Engineering Department | **26 February 2015** |
| OSCE College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: February 16, 2015

**Ogden College of Science and Engineering**

**Department of Engineering**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Mark Cambron, [mark.cambron@wku.edu](mailto:mark.cambron@wku.edu), 745-8868

1. **Identification of course:**
   1. Course prefix (subject area) and number: EE 450
   2. Course title: Digital Signal Processing
2. **Current course catalog listing:**

This is the University of Louisville course EE 520. Topics include discrete time signals and systems, discrete Fourier transforms, FFT algorithms, flow graph and the matrix representation of digital filters, FIR and IIR filter design techniques, quantization effects, spectral estimation, current applications of digital signal processing.

1. **Proposed course catalog listing:**Topics include discrete time signals and systems, discrete Fourier transforms, FFT algorithms, flow graph and the matrix representation of digital filters, FIR and IIR filter design techniques, quantization effects, spectral estimation, current applications of digital signal processing.
2. **Rationale for revision of the course catalog listing:**

All electrical engineering courses are part of the Electrical Engineering Program and can be taught be any EE faculty.

1. **Proposed term for implementation:**Fall 2015
2. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Engineering Department | **26 February 2015** |
| OSCE College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: February 16, 2015

**Ogden College of Science and Engineering**

**Department of Engineering**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Mark Cambron, [mark.cambron@wku.edu](mailto:mark.cambron@wku.edu), 745-8868

1. **Identification of course:**
   1. Course prefix (subject area) and number: EE 451
   2. Course title: Digital Signal Processing Lab
2. **Current course catalog listing:**

This is the University of Louisville course EE 521. This course focuses on the implementation of common digital signal processing function using state-of-the-art DSP devices and software. The fundamentals of discrete-time signal processing and digital signal processor architectures and applications are introduced. Emphasis is on laboratory experience involving generation of deterministic and random signals; digital filter design; quantization effects; FFT computation; linear system analysis; speech processing.

1. **Proposed course catalog listing:**This course focuses on the implementation of common digital signal processing function using state-of-the-art DSP devices and software. The fundamentals of discrete-time signal processing and digital signal processor architectures and applications are introduced. Emphasis is on laboratory experience involving generation of deterministic and random signals; digital filter design; quantization effects; FFT computation; linear system analysis; speech processing.
2. **Rationale for revision of the course catalog listing:**

All electrical engineering courses are part of the Electrical Engineering Program and can be taught be any EE faculty.

1. **Proposed term for implementation:**Fall 2015
2. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Engineering Department | **26 February 2015** |
| OSCE College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: February 16, 2015

**Ogden College of Science and Engineering**

**Department of Engineering**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Mark Cambron, [mark.cambron@wku.edu](mailto:mark.cambron@wku.edu), 745-8868

1. **Identification of course:**
   1. Course prefix (subject area) and number: EE 470
   2. Course title: Communication and Modulation
2. **Current course catalog listing:**

This is the University of Louisville course EE 550. Topics include modulations such as AM, FM, PAM, PPM, PDM, single sideband, vestigial sideband. Coherent and non-coherent detection, heterodyne action, performance and distortion, circuits for modulation and demodulation.

1. **Proposed course catalog listing:**Topics include modulations such as AM, FM, PAM, PPM, PDM, single sideband, vestigial sideband. Coherent and non-coherent detection, heterodyne action, performance and distortion, circuits for modulation and demodulation.
2. **Rationale for revision of the course catalog listing:**

All electrical engineering courses are part of the Electrical Engineering Program and can be taught be any EE faculty.

1. **Proposed term for implementation:**Fall 2015
2. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Engineering Department | **26 February 2015** |
| OSCE College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: February 16, 2015

**Ogden College of Science and Engineering**

**Department of Engineering**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Mark Cambron, [mark.cambron@wku.edu](mailto:mark.cambron@wku.edu), 745-8868

1. **Identification of course:**
   1. Course prefix (subject area) and number: EE 473
   2. Course title: Introduction to Electromagnetic Fields and Waves
2. **Current course catalog listing:**

This is the University of Louisville course EE 473. Topics include electrostatic and magnetostatic fields; Faraday’s laws, Maxwell’s equations, electromagnetic properties of matter, uniform plane waves, and transmission lines.

1. **Proposed course catalog listing:**Topics include electrostatic and magnetostatic fields; Faraday’s laws, Maxwell’s equations, electromagnetic properties of matter, uniform plane waves, and transmission lines.
2. **Rationale for revision of the course catalog listing:**

All electrical engineering courses are part of the Electrical Engineering Program and can be taught be any EE faculty.

1. **Proposed term for implementation:**Fall 2015
2. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Engineering Department | **26 February 2015** |
| OSCE College Curriculum Committee | **March 5, 2015** |
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| University Senate |  |

Proposal Date: February 16, 2015

**Ogden College of Science and Engineering**

**Department of Engineering**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Mark Cambron, [mark.cambron@wku.edu](mailto:mark.cambron@wku.edu), 745-8868

1. **Identification of course:**
   1. Course prefix (subject area) and number: EE 475
   2. Course title: Communication Systems Lab
2. **Current course catalog listing:**

This is the University of Louisville course EE 551. Topics include laboratory exercises involving the design and analysis of electronic communication systems for the transmission of analog and digital data at radio frequencies.

1. **Proposed course catalog listing:**Topics include laboratory exercises involving the design and analysis of electronic communication systems for the transmission of analog and digital data at radio frequencies.
2. **Rationale for revision of the course catalog listing:**

All electrical engineering courses are part of the Electrical Engineering Program and can be taught be any EE faculty.

1. **Proposed term for implementation:**Fall 2015
2. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Engineering Department | **26 February 2015** |
| OSCE College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/2015

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Delete a Course**

**(Consent Item)**

Contact Person: Dr. Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: GEOG 240
  2. Course title: Introduction to Planning

**2. Rationale for the course deletion:** Course is not offered on a regular basis. Lack expertise in Department with retirement of previous faculty. No majors enrolled in the planning program.

**3. Effect of course deletion on programs or other departments, if known:** None

**4. Proposed term for implementation:** Fall 2015 (201530)

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/2015

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Delete a Course**

**(Consent Item)**

Contact Person: Dr. Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: GEOG 384
  2. Course title: Planning for Global Change

**2. Rationale for the course deletion:** Course not offered.No student demand. Planning program no longer a focus of the Department with the retirement of previous faculty.

**3. Effect of course deletion on programs or other departments, if known:** None

**4. Proposed term for implementation:** Fall 2015

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/2015

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Delete a Course**

**(Consent Item)**

Contact Person: Dr. Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: GEOG 473
  2. Course title: Interactions in the Cave and Karst Environment

**2. Rationale for the course deletion:**  This specialty course is not regularly offered in the program. Content is covered through other courses. Does not count toward a major or minor in Geography and Geology.

**3. Effect of course deletion on programs or other departments, if known:** None

**4. Proposed term for implementation:** Fall 2015

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/15

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

1. **Identification of course:**
   1. Course prefix (subject area) and number: GEOG 227
   2. Course title: Our Vulnerable Planet
2. **Current course catalog listing:**  Explore how anthropogenic processes such as climate change, pollution, urban sprawl, deforestation, and desertification impact the people on Earth and its ecosystems.
3. **Proposed course catalog listing:** Explore how anthropogenic processes such as climate change, pollution, urban sprawl, deforestation, and desertification impact the people on Earth and its ecosystems. Does not count towards a major or minor in Geography if GEOG 280 is taken as part of the degree requirements.
4. **Rationale for revision of the course catalog listing:** Content overlap exists between GEOG 280 and 227, so the Department will not allow students to count both courses towards a Geography major or minor program.
5. **Proposed term for implementation:** Fall 2015
6. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/15

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

1. **Identification of course:**
   1. Course prefix (subject area) and number: GEOG 280
   2. Course title: Environmental Science and Sustainability
2. **Current course catalog listing:**  A general understanding of geoscience applications in solving contemporary environmental problems. Lab component provides practical experiences associated with the theories outlines in the course content.
3. **Proposed course catalog listing:** A general understanding of how the environment functions, the complexity of human-environmental interactions, and the application of geoscience in solving environmental problems. Lab component provides practical experiences associated with the theories outlined in the course content.
4. **Rationale for revision of the course catalog listing:** Proposed description more clearly describes the content of the course, which is necessary to distinguish this course content from other courses.
5. **Proposed term for implementation:** Fall 2015
6. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/15

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Catalog Listing**

**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

1. **Identification of course:**
   1. Course prefix (subject area) and number: GEOG 471
   2. Course title: Natural Resource Management
2. **Current course catalog listing:** Natural resources of the United States are studied and recommendations for their more efficient utilization are presented.
3. **Proposed course catalog listing**: Natural resources of the United States and beyond are studied and recommendations for their more efficient utilization are presented. Discussions related, but are not limited, to timber, fisheries, grazing, and wildlife management.
4. **Rationale for revision of the course catalog listing:** Change needed to demonstrate the international component of the course content. Also, topics needed to demonstrate how content in GEOG 471 differs from other environmentally related courses in the program.
5. **Proposed term for implementation:** Fall 2015
6. **Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/15

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Title**

**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

1. **Identification of proposed course:**
   1. Course prefix (subject area) and number: GEOG 344
   2. Course title: Environmental Ethics in Geography
   3. Credit Hours: 3

**2. Proposed course title:** Environmental Ethics

**3. Proposed abbreviated course title:** Environmental Ethics

**4. Rationale for the revision of course title:** Cleans up the title since reference to geographic

analysis isn’t necessary based on the course content. The course is also taken by non-geography

majors, and the new title implies the course is more applicable to anybody dealing with ethics in

environmental management.

**5. Proposed term for implementation:** Fall 2015

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/2015

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Title**

**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

1. **Identification of proposed course:**
   1. Course prefix (subject area) and number: GEOG 427
   2. Course title: Water Resources
   3. Credit Hours: 3

**2. Proposed course title:** Water Resource Management

**3. Proposed abbreviated course title:** Water Resource Management

**4. Rationale for the revision of course title:** The new title better reflects course content, which is

primarily concerned with the management, rather than physical science, of water resources.

The proposed title will help students identify difference between this and the physical science

courses.

**5. Proposed term for implementation:** Fall 2015

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/15

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Prerequisites/Corequisites**

**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

**1. Identification of course:**

* 1. Course prefix (subject area) and number: GEOG 328
  2. Course title: Elements of Biogeography

**2. Current prerequisites:** GEOG 280, or instructor’s permission

**3. Proposed prerequisites:** None

**4. Rationale for the revision of prerequisites:** Due to the nature of the course content, and

the recent restructuring of GEOG 280 course content, the prerequisite is no longer required.

**5. Effect on completion of major/minor sequence:** None

**6. Proposed term for implementation:** Fall 2015

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/15

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Prerequisites/Corequisites**

**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

**1. Identification of course:**

* 1. Course prefix (subject area) and number: GEOG 380
  2. Course title: Global Sustainability

**2. Current prerequisites:** GEOG 210 or 280 and 21 hours of Foundations and Exploration

courses, or Junior status.

**3. Proposed prerequisites:** 21 hours of Foundations and Exploration Courses, or Junior status.

**4. Rationale for the revision of prerequisites:** The structure of the course is such that relevant

content from 210 and 280 is covered as needed in the 380 course. Therefore, these two courses

are not necessary for the successful completion of the class.

**5. Effect on completion of major/minor sequence:**  None

**6. Proposed term for implementation:** Fall 2015

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
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Proposal Date: 2/23/15

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Prerequisites/Corequisites**

**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

**1. Identification of course:**

* 1. Course prefix (subject area) and number: GEOG 420
  2. Course title: Geomorphology

**2. Current prerequisites:** GEOL 111

**3. Proposed prerequisites:** GEOL 111 or GEOG/GEOL 103

**4. Rationale for the revision of prerequisites:** Additional prerequisite option added to reflect intro

level course recently added to the curriculum.

**5. Effect on completion of major/minor sequence:** None

**6. Proposed term for implementation:** Fall 2015

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 2/23/15

**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Prerequisites/Corequisites**

**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

**1. Identification of course:**

* 1. Course prefix (subject area) and number: GEOG 461
  2. Course title: Karst Environments

**2. Current prerequisites:** GEOG 310 or GEOG 459, or GEOG 420, or permission of instructor

**3. Proposed prerequisites:** GEOG/GEOL 310 or GEOG 420 or permission of instructor

**4. Rationale for the revision of prerequisites:** Allows for GEOG or GEOL 310 to count as a

prerequisite. GEOG/L 310 is a prerequisite for GEOG 459, so it isn’t necessary to specify GEOG

459 for this course.

**5. Effect on completion of major/minor sequence:** None

**6. Proposed term for implementation:** Fall 2015

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
| Ogden College Curriculum Committee | **March 5, 2015** |
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**Ogden College of Science and Engineering**

**Department of Geography and Geology**

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**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

**1. Identification of course:**

* 1. Course prefix (subject area) and number: GEOG 487
  2. Course title: Environmental Law

**2. Current prerequisites:** Senior-level standing.

**3. Proposed prerequisites:** Senior-level standing. GEOG 210 required for Geography

majors and minors.

**4. Rationale for the revision of prerequisites:** Students majoring in Political Science or History

take this course. These students come into the class with an understanding of how policies are

made, the structure of the US government, etc. Students in the Geography program may not have

this background if they haven’t taken GEOG 210. Therefore, we are requiring GEOG 210 as a

prerequisite for Geography majors and minors only.

**5. Effect on completion of major/minor sequence:** None

**6. Proposed term for implementation:** Fall 2015

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
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**Ogden College of Science and Engineering**

**Department of Geography and Geology**

**Proposal to Revise Course Prerequisites/Corequisites**

**(Consent Item)**

Contact Person: Leslie North, [leslie.north@wku.edu](mailto:leslie.north@wku.edu), 5-5982

**1. Identification of course:**

* 1. Course prefix (subject area) and number: GEOL 420
  2. Course title: Geomorphology

**2. Current prerequisites:** GEOL 111

**3. Proposed prerequisites:** GEOL 111 or GEOG/GEOL 103

**4. Rationale for the revision of prerequisites:** Additional prerequisite option added to reflect intro

level course recently added to the curriculum.

**5. Effect on completion of major/minor sequence:** None

**6. Proposed term for implementation:** Fall 2015

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

|  |  |
| --- | --- |
| Department of Geography and Geology | **2/27/2015** |
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