

Ogden College of Science and Engineering
Western Kentucky University
Office of the Dean
745-6371

REPORT TO THE GRADUATE COUNCIL CURRICULUM COMMITTEE

DATE: February 8, 2017

FROM: Ogden College of Science and Engineering

Ogden College of Science and Engineering Committee Members: Dr. Fred DeGraves, Dr. John Khouryieh, Dr. Michael Smith, Dr. Eric Conte, Dr. Mustafa Atici, Dr. Shane Palmquist, Dr. David Keeling, Dr. Dominic Lanphier, Dr. Sanju Gupta, Dr. Sharon Mutter

Chair: Dr. Cathleen Webb

The Ogden College of Science and Engineering submits the following item for consideration at the October Meeting.

Consent	Proposal to Delete a Course BIOL 401G, Biology of Algae Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Consent	Proposal to Delete a Course BIOL 402G, Plant Evolution Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Consent	Proposal to Delete a Course BIOL 408G, Invertebrate Zoology Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Consent	Proposal to Delete a Course BIOL 415G, Ecological Methods Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Consent	Proposal to Delete a Course BIOL 473G, Cave and Karst Environment Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course AGRO 422G, Field Crops Contact person: Todd Willian, todd.willian@wku.edu.
Action	Proposal to Revise a Course BIOL 403G, Molecular Basis of Cancer Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405

Action	Proposal to Revise a Course BIOL 404G, Electron Microscopy Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 411G, Cell Biology Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 470G, Pathogenic Microbiology Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 472G, Applied and Environmental Microbiology Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 497G, Aquatic Field Ecology Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 515, Advanced Ecology Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 524, Evolution and Ecological Genetics Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 526, Physiological Ecology Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 535, Analytical Biochemistry Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 560, Advanced Cell Biology Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 562, Advanced Biochemistry Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
Action	Proposal to Revise a Course BIOL 566, Advanced Molecular Genetics Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405

Action	Proposal to Revise a Course BIOL 570, Advanced Immunology Contact person: Michael Smith, michael.smith1@wku.edu, 5-2405
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**Course - Suspend/Delete/Reactivate
(Consent)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course or program:

1.1 Current course prefix (subject area) and number: BIOL 401G

1.2 Course title: Biology of Algae

2. Action (check one): suspend delete reactivate

3. Rationale: BIOL 401 has been deleted from the undergraduate curriculum.

4. Effect on programs or other departments: None

5. Term of implementation: Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

College Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

**Proposals to suspend, delete or reactivate a course require a Course Inventory Form be submitted by the College Dean's office to the Office of the Registrar.*

**Course - Suspend/Delete/Reactivate
(Consent)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course or program:

1.1 Current course prefix (subject area) and number: BIOL 402G

1.2 Course title: Plant Evolution

2. Action (check one): suspend delete reactivate

3. Rationale: BIOL 402 has been deleted from the undergraduate curriculum.

4. Effect on programs or other departments: None

5. Term of implementation: Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

College Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

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**Course - Suspend/Delete/Reactivate
(Consent)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course or program:

1.1 Current course prefix (subject area) and number: BIOL 408G

1.2 Course title: Invertebrate Zoology

2. Action (check one): _____ suspend X delete _____ reactivate

3. Rationale: BIOL 408 has been deleted from the undergraduate curriculum.

4. Effect on programs or other departments: None

5. Term of implementation: Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

College Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

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**Course - Suspend/Delete/Reactivate
(Consent)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course or program:

1.1 Current course prefix (subject area) and number: BIOL 415G

1.2 Course title: Ecological Methods

2. Action (check one): suspend delete reactivate

3. Rationale: BIOL 415 has been deleted from the undergraduate curriculum.

4. Effect on programs or other departments: None

5. Term of implementation: Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

College Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

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**Course - Suspend/Delete/Reactivate
(Consent)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course or program:

1.1 Current course prefix (subject area) and number: BIOL 473G

1.2 Course title: Cave and Karst Environment

2. Action (check one): suspend delete reactivate

3. Rationale: BIOL 473 has been deleted from the undergraduate curriculum.

4. Effect on programs or other departments: None

5. Term of implementation: Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

College Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

**Proposals to suspend, delete or reactivate a course require a Course Inventory Form be submitted by the College Dean's office to the Office of the Registrar.*

**Revise a Course
(Action)**

Date: August 22, 2016

College, Department: Ogden College of Science and Engineering, Department of Agriculture

Contact Person: Todd Willian, todd.willian@wku.edu, (270) 745-5969

1. Identification of course

- 1.1 Course prefix (subject area) and number: AGRO 422G
- 1.2 Course title: Field Crops

2. Proposed change(s):

- 2.1 course number: AGRO 522
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites:
- 2.6 corequisites:
- 2.7 course description: Distribution, morphology, culture, phenology, harvest and utilization of field crops are presented.
- 2.8 other:

3. Rationale for revision of course: AGRO 422G is one of several 400G-level courses the Department of Agriculture proposes to change to 500-level status. Since course content is taught at the 500-level, reflection of that level in the course number is warranted.

4. Term of implementation: Fall 2017

5. Dates of committee approvals:

Department of Agriculture

OCSE Graduate Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

April 14, 2016

**Course revision proposals require a Course Inventory Form be submitted by the College Dean's office to the Office of the Registrar.*

**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 403G
- 1.2 Course title: Molecular Basis of Cancer

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

College Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

1/27/2017

**Course revision proposals require a Course Inventory Form be submitted by the College Dean's office to the Office of the Registrar.*

**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 404G
- 1.2 Course title: Electron Microscopy

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

College Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

1/27/2017

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 411G
- 1.2 Course title: Cell Biology

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

College Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

1/27/2017

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

1.1 Course prefix (subject area) and number: BIOL 470G

1.2 Course title: Pathogenic Microbiology

2. Proposed change(s):

2.1 course number:

2.2 course title:

2.3 credit hours:

2.4 grade type:

2.5 prerequisites: All prerequisites have been removed.

2.6 corequisites:

2.7 course description:

2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

College Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

**Course revision proposals require a Course Inventory Form be submitted by the College Dean's office to the Office of the Registrar.*

**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 472G
- 1.2 Course title: Applied and Environmental Microbiology

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

College Curriculum Committee

Professional Education Council (if applicable)

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University Senate

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 497G
- 1.2 Course title: Aquatic Field Ecology

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

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1/27/2017

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 515
- 1.2 Course title: Advanced Ecology

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 524
- 1.2 Course title: Evolution and Ecological Genetics

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

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1/27/2017

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 526
- 1.2 Course title: Physiological Ecology

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 535
- 1.2 Course title: Analytical Biochemistry

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 560
- 1.2 Course title: Advanced Cell Biology

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

College Curriculum Committee

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 562
- 1.2 Course title: Advanced Biochemistry

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 566
- 1.2 Course title: Advanced Molecular Genetics

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

1/27/2017

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**Revise a Course
(Action)**

Date: 1/25/17

College, Department: Ogden, Biology

Contact Person: Michael Smith, michael.smith1@wku.edu, 270-745-2405

1. Identification of course

- 1.1 Course prefix (subject area) and number: BIOL 570
- 1.2 Course title: Advanced Immunology

2. Proposed change(s):

- 2.1 course number:
- 2.2 course title:
- 2.3 credit hours:
- 2.4 grade type:
- 2.5 prerequisites: All prerequisites have been removed.
- 2.6 corequisites:
- 2.7 course description:
- 2.8 other:

3. Rationale for revision of course:

As this is a graduate level course, WKU undergraduate prerequisite courses cannot be required.

4. Term of implementation:

Fall 2017

5. Dates of committee approvals:

Department

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