Code # SM08 (2014)

**Program and/or Course Deletion Proposal-Bulletin Change Transmittal Form**

[x]  **Undergraduate Curriculum Council** - Print 1 copy for signatures and save 1 electronic copy.

[ ]  **Graduate Council** - Print 1 copy for signatures and send 1 electronic copy to pheath@astate.edu

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| **Program and/or Course Deletion** Please complete the following and attach a copy of the catalogue page(s) showing what changes are necessary. |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**COPE Chair (if applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Department Chair:**  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**General Education Committee Chair (If applicable)**   |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Undergraduate Curriculum Council Chair** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Graduate Curriculum Committee Chair** |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Vice Chancellor for Academic Affairs** |

**1. Program and/or Course Title, Prefix and Number**

BIOL 1043 Plants and People

**2. Contact Person** (Name, Email Address, Phone Number)

David Gilmore, dgilmore@astate.edu, 972-3263

**3. Last semester student can graduate with this degree and/or last semester course will be offered**

This course has not been taught for at least 3 years.

**4. Student Population**

a. The program and/or course was initially created for what student population?

The course was originally created to increase the variety of General Education offerings to fulfill the life science requirement.

b. How will deletion of this program and/or course affect those students?

No effect. Enrollment was insufficient to justify continuing to offer the course. It has not been offered recently.

**5.**

**a. How will this affect the department?**

None. Class has not been taught recently.

**b. Does this program and/or course affect another department?**  No This course should be removed from the General Education Curriculum, but BIOL 1003, BIOL 1033, and BIOL 1063 all fulfill the same function.

**c. If yes, please provide contact information from the Dean, Department Head, and/ or Program Director whose area this affects.**

Enter text...

**6. (For courses only) Will another course be substituted?**  No

**If yes, what course?**

**From the most current electronic version of the bulletin, copy all bulletin pages that this proposal affects and paste it to the end of this proposal.**

**To copy from the bulletin:**

1. Minimize this form.
2. Go to <http://registrar.astate.edu/bulletin.htm> and choose either undergraduate or graduate.
3. This will take you to a list of the bulletins by year, please open the most current bulletin.
4. Find the page(s) you wish to copy, click on the “select” button and highlight the pages you want to copy.
5. Right-click on the highlighted area.
6. Click on “copy”.
7. Minimize the bulletin and maximize this page.
8. Right-click immediately below this area and choose “paste”.
9. For additions to the bulletin, please change font color and make the font size larger than the surrounding text. Make it noticeable.
10. For deletions, strike through the text, change the font color, and enlarge the font size. Make it noticeable.

**BIO 4714. Dendrology** A study of the systematics, nomenclature, morphology, phenology, geo­graphic range, and natural history of woody plants with an emphasis on field recognition throughout the year. Dual listed with BIO 5714. Special course fees may apply. Prerequisites, BIO 1501 and BIO 1503. Fall, even.

**Biology (BIOL)**

**BIOL 1001. Biological Science Laboratory** Two hours per week. It is recommended this course be taken concurrently with BIOL 1003. Special course fees may apply. Fall, Spring, Summer. (ACTS#: BIOL 1004, BIOL 1024)

**BIOL 1003. Biological Science** The major characteristics and processes of life emphasizing the human organism. Promotes understanding of diversity and unity among living organisms with focus on ecological interactions and responsibilities of people within their social and natural environment. Lecture three hours per week. Special course fees may apply. It is recommended that this course be taken concurrently with BIOL 1001. Fall, Spring, Summer. (ACTS#: BIOL 1004)

**BIOL 1033. Biology of Sex** Biological basis of sex and reproduction with an emphasis on humans. Course will provide students with a basic functional understanding of human systems, which will lead to informed decisions regarding sexual and reproductive health. Lecture three hours per week. Special course fees may apply. Prerequisite, None. It is recommended this course be taken concurrently with BIOL 1001. Spring.

**~~BIOL 1043. Plants and People Shaping the Future~~** ~~Significance of plants and plant products in human life. Course content centers around plants as representative biological organisms, and their role in shaping human society. Lecture three hours per week. It is recommended this course be taken concurrently with BIOL 1001. Special course fees may apply. Fall, Spring. (ACTS#: BIOL 1024)~~

**BIOL 1063. People and the Environment** Major environmental issues facing our society will be covered to equip students to become part of the solution to many environmental challenges confronting us this century. Lecture three hours per week. It is recommended this course be taken concurrently with BIOL 1001. Special course fees may apply. Fall, Spring.

**Method and Material Teaching Science (EDSC)**

**EDSC 4593. Methods and Materials Teaching Science in the Secondary School** Philosophical bases, teaching techniques, curriculum development, classroom management, facility resources, and equipment are emphasized. Must be admitted to the Teacher Education Program. Fall, Spring.

**Teaching Internship (TIBI)**

**TIBI 4825. Biology Teaching Internship in the Secondary School** Ten semester hours. Full semester teaching internship. Fall, Spring.

**TIBI 4826. Biology Teaching Internship in the Secondary School** Twelve semester hours. Full semester of teaching internship. Fall, Spring..

**DEPARTMENT OF CHEMISTRY AND PHYSICS**

**Chemistry (CHEM)**

**CHEM 1003. Introduction to Chemistry** Fundamentals of chemical terms and applications to laboratory studies. Extensive drills on calculations and use of hand held calculator in problem solving. Recommended for those with no prior study of chemistry. Special course fees may apply. Corequisite or prerequisite, MATH 0003, MATH 0013, or MATH 1023. Fall, Spring.

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**GENERAL EDUCATION CURRICULUM**

**FOR BACCALAUREATE, ASSOCIATE OF ARTS AND ASSOCIATE OF SCIENCE DEGREES**

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| **Communication:** *Six (6) hours required* *Three (3) hours optional (see Departmental Option below)*  | **Required Credit Hrs.**  |
| COMS 1203, Oral Communication ENG 1003, Composition I (*required)* ENG 1013, Composition II (*required)*  | 6  |
| **Math:** *Three (3) hours required;* *MATH 1023 - College Algebra is a requirement for certain degrees which will not be satisfied by MATH 1043 - Quantitative Reasoning*  | **Required Credit Hrs.**  |
| MATH 1023, College Algebra MATH 1043, Quantitative Reasoning MATH 1054, Precalculus Mathematics  | 3  |
| **Science:** *Eight (8) hours required*  | **Required Credit Hrs.**  |
| **Physical Science - *Four (4) hours required*** CHEM 1013 **AND** 1011, General Chemistry I and Laboratory CHEM 1043 **AND** 1041, Fundamental Concepts of Chemistry and Laboratory GEOL 1003 **AND** 1001, Environmental Geology and Laboratory PHSC 1014, Energy and the Environment PHSC 1203 **AND** 1201, Physical Science and Laboratory PHYS 1103 **AND** 1101, Intro to Space Science and Laboratory PHYS 2034, University Physics I PHYS 2054, General Physics I  | 4  |
| **Life Science - *Four (4) hours required*** BIO 2013 **AND** 2011, Biology of the Cell and Laboratory BIOL 1003 **AND** 1001, Biological Science and Laboratory BIOL 1033 **AND** 1001, Biology of Sex and Laboratory ~~BIOL 1043~~ **~~AND~~** ~~1001, Plants & People and Laboratory~~ BIOL 1063 **AND** 1001, People & Environment and Laboratory BIO 2103 **AND** 2101, Microbiology for Nursing and Allied Health and Laboratory **~~AND~~ OR**BIO 2203 **AND** 2201, Anatomy and Physiology I and Laboratory **~~OR~~** ~~BIO 2223~~ **~~AND~~** ~~2221, Anatomy and Physiology II and Laboratory~~  | 4  |
| **Fine Arts & Humanities:** *Six (6) hours required* *Three (3) hours optional (see Departmental Option below)*  | **Required Credit Hrs.**  |
| **Fine Arts - *Three (3) hours required*** ART 2503 Fine Arts – Visual MUS 2503 Fine Arts – Musical THEA 2503 Fine Arts - Theatre  | 3  |
| **Humanities - *Three (3) hours required*** ENG 2003, Introduction to World Literature I ENG 2013, Introduction to World Literature II PHIL 1103, Introduction to Philosophy  | 3  |
| **Social Sciences:** *Nine (9) hours required* ***(****One course must be selected from HIST 2763, HIST 2773 or POSC 2103)* *Three (3) hours optional (see Departmental Option below)*  | **Required Credit Hrs.**  |

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**Bachelor of Applied Science\***

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| **University Requirements:**  |
| Students interested in pursuing a Bachelor of Applied Science degree must schedule a personal in­terview with a BAS advisor. During this interview, the advisor will outline in detail the requirements for the BAS program. The advisor and the student will analyze the appropriateness of the degree given the student’s goals and career objectives, the degree’s requirements and the student’s academic progress to date. **The BAS program requires completion of the following program prerequisites:** 1. Associate of Applied Science (AAS) or other recognized technical-professional associate degree from an accredited institution. 2. Minimum GPA of 2.00 on all transfer work. 3. Completion of the ASU admission application process with acceptance. 4. Completion of the State Minimum General Education Core. 5. Completion of a total of 120 hours of which 45 hours are upper-level (3000-4000) 6. Minimum GPA of 2.00 on all coursework at ASU and a 2.00 average on all coursework pre­sented for graduation. ***\*The Bachelor of Applied Science degree program does not have a major.***  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| **Communication (9 hrs required)** COMS 1203, Oral Communications ENG 1003, Composition I (C or Better) ENG 1013, Composition II (C or Better)  | 9  |
| **Math (3 hours required)** MATH 1023, College Algebra (or higher level math course for which College Algebra is a prerequisite) MATH 1054, Precalculus Math  | 3  |
| **Science (8 hours required)** **Select one of the following combinations:** BIO 2013 **AND** 1021, Biology of the Cell and Laboratory BIO 2103 **AND** 2101, Microbiology for Nursing and Laboratory BIO 2203 **AND** 2201, Human Anatomy and Physiology I and Laboratory BIOL 1003 **AND** 1001, Biological Science and Laboratory BIOL 1033 **AND** 1001, Biology of Sex and Laboratory ~~BIOL 1043~~ **~~AND~~** ~~1001, Plants and People and Laboratory~~ BIOL 1063 **AND** 1001, People and the Environment and Laboratory **Select one of the following combinations:** CHEM 1013 **AND** 1011, General Chemistry I and Laboratory CHEM 1043 **AND** 1041, Fundamental Concepts of Chemistry and Laboratory GEOL 1003 **AND** 1001, Environmental Geology and Laboratory PHSC 1014, Energy and the Environment PHSC 1203 **AND** 1201, Physical Science and Laboratory PHYS 1103 **AND** 1101, Intro to Space Science and Laboratory PHYS 2034, University Physics I PHYS 2054, General Physics I  | 8  |

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| **Total Required Hours:** Pg. 124**Bachelor of Applied Science\*** A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| **University Requirements:**  |
| Students interested in pursuing a Bachelor of Applied Science degree must schedule a personal in­terview with a BAS advisor. During this interview, the advisor will outline in detail the requirements for the BAS program. The advisor and the student will analyze the appropriateness of the degree given the student’s goals and career objectives, the degree’s requirements and the student’s academic progress to date. **The BAS program requires completion of the following program prerequisites:** 1. Associate of Applied Science (AAS) or other recognized technical-professional associate degree from an accredited institution. 2. Minimum GPA of 2.00 on all transfer work. 3. Completion of the ASU admission application process with acceptance. 4. Completion of the State Minimum General Education Core. 5. Completion of a total of 120 hours of which 45 hours are upper-level (3000-4000) 6. Minimum GPA of 2.00 on all coursework at ASU and a 2.00 average on all coursework pre­sented for graduation. ***\*The Bachelor of Applied Science degree program does not have a major.***  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| **Communication (9 hrs required)** COMS 1203, Oral Communications ENG 1003, Composition I (C or Better) ENG 1013, Composition II (C or Better)  | 9  |
| **Math (3 hours required)** MATH 1023, College Algebra (or higher level math course for which College Algebra is a prerequisite) MATH 1054, Precalculus Math  | 3  |
| **Science (8 hours required)** **Select one of the following combinations:** BIO 2013 **AND** 1021, Biology of the Cell and Laboratory BIO 2103 **AND** 2101, Microbiology for Nursing and Laboratory BIO 2203 **AND** 2201, Human Anatomy and Physiology I and Laboratory BIOL 1003 **AND** 1001, Biological Science and Laboratory BIOL 1033 **AND** 1001, Biology of Sex and Laboratory ~~BIOL 1043~~ **~~AND~~** ~~1001, Plants and People and Laboratory~~ BIOL 1063 **AND** 1001, People and the Environment and Laboratory **Select one of the following combinations:** CHEM 1013 **AND** 1011, General Chemistry I and Laboratory CHEM 1043 **AND** 1041, Fundamental Concepts of Chemistry and Laboratory GEOL 1003 **AND** 1001, Environmental Geology and Laboratory PHSC 1014, Energy and the Environment PHSC 1203 **AND** 1201, Physical Science and Laboratory PHYS 1103 **AND** 1101, Intro to Space Science and Laboratory PHYS 2034, University Physics I PHYS 2054, General Physics I  | 8  |
| **Fine Arts and Humanities (6 hrs required)** **Fine Arts (select one of the following):** ART 2503, Fine Arts-Visual MUS 2503, Fine Arts-Musical THEA 2503, Fine Arts-Theatre **Humanities (select one of the following):** ENG 2003, Introduction to Literature of the Western World I ENG 2013, Introduction to Literature of the Western Wo Pg 126**Bachelor of Applied Science\*** **Emphasis in Renewable Energy Technology** A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| **University Requirements:**  |
| Students interested in pursuing a Bachelor of Applied Science degree must schedule a personal in­terview with a BAS advisor. During this interview, the advisor will outline in detail the requirements for the BAS program. The advisor and the student will analyze the appropriateness of the degree given the student’s goals and career objectives, the degree’s requirements and the student’s academic progress to date. **The BAS program requires completion of the following program prerequisites:** 1. Associate of Applied Science (AAS) or other recognized technical-professional associate degree from an accredited institution. 2. Minimum GPA of 2.00 on all transfer work. 3. Completion of the ASU admission application process with acceptance. 4. Completion of the State Minimum General Education Core. 5. Completion of a total of 120 hours of which 45 hours are upper-level (3000-4000) 6. Minimum GPA of 2.00 on all coursework at ASU and a 2.00 average on all coursework pre­sented for graduation. ***\* The Bachelor of Applied Science with emphasis in Renewable Energy Technology degree program does not have a major.***  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| **Communication (9 hrs required)** COMS 1203, Oral Communications ENG 1003, Composition I (C or Better) ENG 1013, Composition II (C or Better)  | 9  |
| **Math (3 hours required)** MATH 1023, College Algebra (or higher level math course for which College Algebra is a prerequisite) MATH 1054, Precalculus Math  | 3  |
| **Science (8 hours required)** **Select one of the following combinations:** BIO 2013 **AND** 1021, Biology of the Cell and Laboratory BIO 2103 **AND** 2101, Microbiology for Nursing and Laboratory BIO 2203 **AND** 2201, Human Anatomy and Physiology I and Laboratory BIOL 1003 **AND** 1001, Biological Science and Laboratory BIOL 1033 **AND** 1001, Biology of Sex and Laboratory ~~BIOL 1043~~ **~~AND~~** ~~1001, Plants and People and Laboratory~~ BIOL 1063 **AND** 1001, People and the Environment and Laboratory **Select one of the following combinations:** CHEM 1013 **AND** 1011, General Chemistry I and Laboratory CHEM 1043 **AND** 1041, Fundamental Concepts of Chemistry and Laboratory GEOL 1003 **AND** 1001, Environmental Geology and Laboratory PHSC 1014, Energy and the Environment PHSC 1203 **AND** 1201, Physical Science and Laboratory PHYS 1103 **AND** 1101, Intro to Space Science and Laboratory PHYS 2034, University Physics I PHYS 2054, General Physics I  | 8  |
| **Fine Arts and Humanities (6 hrs required)** **Fine Arts (select one of the following):** ART 2503, Fine Arts-Visual MUS 2503, Fine Arts-Musical THEA 2503, Fine Arts-Theatre **Humanities (select one of the following):** ENG 2003, Introduction to Literature of the Western World I ENG 2013, Introduction to Literature of the Western World II  |

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