Code # SM02 (2015)

**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. |

|  |  |
| --- | --- |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 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**

Introduction to Organic and Biochemistry, CHEM 1033

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

William Burns, wburns@astate.edu 870-972-2535

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

Last semester offered Fall 2009

**4. Student Population**

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

Service for various degree programs in the College of Nursing & Health Professions and College of Agriculture & Technology

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

No impact. Curriculum revisions have resulted in Chem 1033/1031 being replaced by Chem 1052, which has been offered since spring 2010.

**5.**

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

No impact

**b. Does this program and/or course affect another department?**  no

**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?**  Yes

**If yes, what course?**

Chem 1052

**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.

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**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.

**CHEM 1011. General Chemistry I Laboratory** Introduction and development of hands-on tech­niques essential to the use of fundamental equipment and glassware common in all laboratory based sub-fields of chemistry. Computer-based graphical and statistical analysis of data. Three hours per week. Special course fees may apply. Prerequisite or corequisite, CHEM 1013. Fall, Spring, Summer. (ACTS#: CHEM 1414)

**CHEM 1013. General Chemistry I** Study of chemical reactions and equations, periodic rela­tionships, the gaseous state, and the fundamentals of atomic theory, quantum theory, electronic structure, chemical bonding, stoichiometry and thermochemistry. Special course fees may apply. Prerequisite, MATH 1023 or ACT composite score of 23 or higher. Prior completion of CHEM 1003 or high school chemistry strongly recommended. Fall, Spring, Summer. (ACTS#: CHEM 1414)

**CHEM 1021. General Chemistry II Laboratory** Continuation of CHEM 1011, with focus on dem­onstrating mastery of selected hands-on laboratory techniques and computer-assisted graphical and statistical analysis of data. Three hours per week. Corequisite or prerequisite, CHEM 1023. Prerequisite, CHEM 1011. Fall, Spring, Summer. (ACTS#: CHEM 1424)

**CHEM 1023. General Chemistry II** Study of liquids, solids, solutions and the fundamentals of chemical kinetics, chemical equilibria, acids and bases, thermodynamics, and electrochemistry. Special course fees may apply. Prerequisites, CHEM 1011 and CHEM 1013. Fall, Spring, Sum­mer. (ACTS#: CHEM 1424)

**CHEM 1031. Introduction to Organic and Biochemistry Laboratory** Three hours per week. Not open to chemistry majors. Special course fees may apply. Prerequisites, CHEM 1011 and CHEM 1013. Corequisite, CHEM 1033. Demand.

**~~CHEM 1033. Introduction to Organic and Biochemistry~~** ~~Emphasis on applications to body functions. Lecture three hours, laboratory three hours. Not open to chemistry majors. Special course fees may apply. Prerequisite, CHEM 1011 and CHEM 1013. Demand.~~

**CHEM 1041. Fundamental Concepts of Chemistry Laboratory** Special course fees apply. Prerequisite or corequisite of CHEM 1043. Fall, Summer.

**CHEM 1043. Fundamental Concepts of Chemistry** A one semester chemistry survey course introducing selected fundamental concepts including dimensional analysis, mole concept, atomic and molecular structure, nomenclature, chemical reactions, thermochemistry, intermolecular inter­actions, gases, mixtures, kinetics, equilibrium and acid base chemistry. Fall, Summer.