**COURSE TITLE:** Short (< 20 Char): Physical Chemistry I  
Full Title (< 35 Char): Physical Chemistry I

**COURSE DESCRIPTION** (For Catalog, 2-4 sentences)
No changes are being made to the course description.

---

**Course is Intended** (Check all that apply)
- [x] Required for Majors: (list) Chemistry, Biochemistry
- [ ] Required for Minors: (list)
- [ ] Use in University Core Curriculum
- [ ] Primarily as an Elective for Majors & Minors
- [ ] Primarily as an Elective for Non-Majors
- [ ] Can be taken by any Lincoln Student

**Pre-Requisites**
- CHE-201, CHE-271

**Co-Requisites**
- CHE-382

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**APPROVALS**

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**New Course:** □  
**Course Revision:** □

**Course Number:** (xxx-000)
- Proposed: CHE-300
- Existing: CHE-202

**Undergraduate:** □  
**Graduate:** □

**Credit Hours:** 4  
**Class (Hr/Wk):** 3  
**Lab (Hr/Wk):** 3

**Other (Hr/Wk):**

**Grading System**
- Standard: □
- Pass / Fail: □
- Other:

**First term in which new or revised course will be offered:**
- Fall 2012

**Expected Frequency**
- [ ] Every Semester
- [x] Once per year
- [ ] Once every ___ Sem.

**Probable Initial Instructor(s):**

---

Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
**COURSE TITLE:** Short (<=20 Char): Physical Chemistry I Laboratory  
Full Title (<= 35 Char): Physical Chemistry I Laboratory

**COURSE DESCRIPTION** (For Catalog, 2-4 sentences)  
No changes are being made to the course description.

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Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
COURSE TITLE: Short (<20 Char): Physical Chemistry II Laboratory
Full Title (<35 Char): Physical Chemistry II Laboratory

COURSE DESCRIPTION (For Catalog, 2-4 sentences)
No changes are being made to the course description.

Course is Intended (Check all that apply):
☑ Required for Majors: (list) Chemistry
☐ Required for Minors: (list)
☐ Use in University Core Curriculum
☐ Primarily as an Elective for Majors & Minors
☐ Primarily as an Elective for Non-Majors
☐ Can be taken by any Lincoln Student

Pre-Requisites
CHE-300, CHE-382

Co-Requisites
CHE-301

Refrer to the Course Approvals Manual for complete instructions for the submission of proposals.
**COURSE TITLE:** Short (<=20 Char): General Chemistry I  
Full Title (<= 35 Char): General Chemistry I

**COURSE DESCRIPTION** (For Catalog, 2-4 sentences)
No changes made to course description.

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Pre-Requisites

Co-Requisites MAT-110, CHE-161

**APPROVALS**

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Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
COURSE TITLE: Short (<=20 Char): General Chemistry I Laboratory
Full Title (<= 35 Char): General Chemistry I Laboratory

COURSE DESCRIPTION (For Catalog, 2-4 sentences)
No changes are being made to the course description.

Course is Intended (Check all that apply)
☑ Required for Majors: (list) Chemistry, Biology, Physics, Biochemistry
☑ Required for Minors: (list) Chemistry, Biology
☐ Use in University Core Curriculum
☐ Primarily as an Elective for Majors & Minors
☐ Primarily as an Elective for Non-Majors
☐ Can be taken by any Lincoln Student

Pre-Requisites

Co-Requisites CHE - 103

APPROVALS

Department 12/21/11 Chair [Signature]
School 1/7/2011 Dean [Signature]
Curriculum Committee Chair
Faculty Verified by Registrar

Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
COURSE TITLE: Short (<=20 Char): General Chemistry II
Full Title (<=35 Char): General Chemistry II

COURSE DESCRIPTION (For Catalog, 2-4 sentences)

No changes are being made to the course description.

Course is Intended (Check all that apply)
☐ Required for Majors: (list) Chemistry, Biology, Physics, Biochemistry
☐ Required for Minors: (list) Chemistry, Biology
☐ Use in University Core Curriculum
☐ Primarily as an Elective for Majors & Minors
☐ Primarily as an Elective for Non-Majors
☐ Can be taken by any Lincoln Student

Pre-Requisites
General Chemistry I

Co-Requisites

Grading System
Standard: ☐
Pass / Fail: ☐
Other:

First term in which new or revised course will be offered:
Spring 2012

Expected Frequency
☐ Every Semester
☐ Once per year
☐ Once every ___ Sem.

Probable Initial Instructor(s):

Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
**COURSE TITLE:** Short (<=20 Char): General Chemistry II Laboratory  
Full Title (<=35 Char): General Chemistry II Laboratory

**COURSE DESCRIPTION** (For Catalog, 2-4 sentences)

No changes are being made to the course description.

---

**Course is Intended (Check all that apply)**

- [ ] Required for Majors: (list) Chemistry, Biology, Physics, Biochemistry
- [ ] Required for Minors: (list) Chemistry, Biology
- [ ] Use in University Core Curriculum
- [ ] Primarily as an Elective for Majors & Minors
- [ ] Primarily as an Elective for Non-Majors
- [x] Can be taken by any Lincoln Student

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**Grading System**

- Standard: [ ]  
- Pass / Fail: [ ]
- Other:

**First term in which new or revised course will be offered:**

- [x] Spring 2012

**Expected Frequency**

- [x] Every Semester
- [ ] Once per year
- [ ] Once every ____ Sem.

**Probable Initial Instructor(s):**

Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
COURSE TITLE: Short (<=20 Char): Organic Chemistry I
Full Title (<= 35 Char): Organic Chemistry I

COURSE DESCRIPTION (For Catalog, 2-4 sentences)
No changes are being made to the course description.

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Pre-Requisites: CHE-103, CHE-104, CHE-105
Co-Requisites: CHE-273

APPROVALS

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Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
COURSE TITLE: Short (<=20 Char): Organic Chemistry I Laboratory
Full Title (<= 35 Char): Organic Chemistry I Laboratory

COURSE DESCRIPTION (For Catalog, 2-4 sentences)
No changes are being made to the course description.

Course is intended (Check all that apply)
☑ Required for Majors: (list) Chemistry, Biology, Biochemistry
☑ Required for Minors: (list) Chemistry
☐ Use in University Core Curriculum
☐ Primarily as an Elective for Majors & Minors
☐ Primarily as an Elective for Non-Majors
☐ Can be taken by any Lincoln Student

Pre-Requisites CHE-102, CHE-104, CHE-162
Co-Requisites CHE-203

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Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
COURSE TITLE: Short (<=20 Char): **Organic Chemistry II**  
Full Title (<= 35 Char): **Organic Chemistry II**

COURSE DESCRIPTION (For Catalog, 2-4 sentences)  
No changes are being made to the course description.

Course is intended (Check all that apply)  
☐ Required for Majors: (list) **Chemistry, Biology, Biochemistry**  
☐ Required for Minors: (list) **Chemistry**  
☐ Use in University Core Curriculum  
☐ Primarily as an Elective for Majors & Minors  
☐ Primarily as an Elective for Non-Majors  
☐ Can be taken by any Lincoln Student

<table>
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APPROVALS  

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Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
**COURSE TITLE:** Short (<=20 Char): Organic Chemistry II Laboratory
Full Title (<= 35 Char): Organic Chemistry II Laboratory

**COURSE DESCRIPTION (For Catalog, 2-4 sentences):**
No changes are being made to the course description.

**Course is Intended (Check all that apply):**
- [X] Required for Majors: (list) Chemistry, Biology, Biochemistry
- [ ] Required for Minors: (list)
- [ ] Use in University Core Curriculum
- [ ] Primarily as an Elective for Majors & Minors
- [ ] Primarily as an Elective for Non-Majors
- [ ] Can be taken by any Lincoln Student

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Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
### COURSE SUBMISSION FORM

**COURSE TITLE:** Short (<=20 Char): **CHE 121**  
Full Title (<= 35 Char): **Chemistry for Health Sciences II**

#### COURSE DESCRIPTION (For Catalog, 2-4 sentences)  
This course is an introductory course, which is designed exclusively for the Health Sciences and required for Nursing majors. The course discusses the fundamental principles of general chemistry basic to the understanding of health sciences. Principles of thermodynamics, acids and bases, kinetics, equilibrium, nuclear chemistry and electrochemistry will be discussed, additionally, fundamentals of organic nomenclature and a survey of physical, and chemical, and biological properties of the main group functional groups will be covered.

**Course is Intended** (Check all that apply)  
- [x] Required for Majors: (list) **Nursing / Health Sciences**  
- [ ] Required for Minors: (list)  
- [x] Use in University Core Curriculum  
- [ ] Primarily as an Elective for Majors & Minors  
- [ ] Primarily as an Elective for Non-Majors  
- [ ] Can be taken by any Lincoln Student

#### Pre-Requisites  
- College Algebra (MAT 110)  
- CHE 120

#### Co-Requisites  
- CHE 182

#### Approvals  
- **Department:**  
  - Date: 1/8/2011  
  - Chair: [Signature]  
- **School:**  
  - Date: 1/8/2011  
  - Dean: [Signature]  
- **Curriculum Committee:**  
  - Chair: [Signature]  
- **Faculty:**  
  - Verified by Registrar

Refer to the Course Approvals Manual for complete instructions for the submission of proposals.
**COURSE SUBMISSION FORM**

**COURSE TITLE:** Short (<=20 Char): CHE 182  
Full Title (<= 35 Char): Chemistry Lab II for Health Sciences

**COURSE DESCRIPTION** (For Catalog, 2-4 sentences) The laboratory is offered to students enrolled in CHE 121, Chemistry for Health Sciences. The laboratory will cover laboratory experiments pertinent to CHE 121 content.

Course is Intended (Check all that apply)  
☑ Required for Majors: (list) Nursing / Health Sciences  
☐ Required for Minors: (list)  
☑ Use in University Core Curriculum  
☐ Primarily as an Elective for Majors & Minors  
☐ Primarily as an Elective for Non-Majors  
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Pre-Requisites  
CHE 120  
College Algebra MAT 110  
CHE 121

Co-Requisites

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