

## Term Information

Effective Term Spring 2020  
*Previous Value* Summer 2012

## Course Change Information

### What change is being proposed? (If more than one, what changes are being proposed?)

Change the credit hours from 1.5-3 to 1-3.

### What is the rationale for the proposed change(s)?

I am writing to see if there was any way to change the course units of 8880.1 and 8880.2 from 3 to variable 1 - 3. I believe that the course was offered as variable 1.5 - 3 units in 2018, at least that what is written in the 2018 syllabus. I do not know how it was changed to 3. In any case, I had assumed that the units were unchanged, which is why I missed the deadline for these changes. At the moment, no students are registered and we have changed the course status to tentative.

Unlike most other graduate courses in Chemistry and Physics, the Frontiers course is mainly populated by post-candidacy students seeking exposure to leaders in their field. The 8880.1 option is graded S/U, and only requires participation. The 8880.2 option requires a term paper and students receive a letter grade.

### What are the programmatic implications of the proposed change(s)?

(e.g. program requirements to be added or removed, changes to be made in available resources, effect on other programs that use the course)?

none

Is approval of the request contingent upon the approval of other course or curricular program request? No

Is this a request to withdraw the course? No

## General Information

Course Bulletin Listing/Subject Area Chemical Physics  
Fiscal Unit/Academic Org Physics - D0684  
College/Academic Group Arts and Sciences  
Level/Career Graduate  
Course Number/Catalog 8880.01  
Course Title Frontiers in Spectroscopy  
Transcript Abbreviation Frontiers Spectro  
Course Description An overview of both fundamental and applied topics on the frontier of spectroscopy.  
Semester Credit Hours/Units Variable: Min 1 Max 3  
*Previous Value* Variable: Min 1.5 Max 3

## Offering Information

Length Of Course 14 Week, 12 Week  
Flexibly Scheduled Course Never  
Does any section of this course have a distance education component? No  
Grading Basis Progress - S/U  
Repeatable Yes  
Allow Multiple Enrollments in Term No

Max Credit Hours/Units Allowed	10
Max Completions Allowed	6
Course Components	Lecture
Grade Roster Component	Lecture
Credit Available by Exam	No
Admission Condition Course	No
Off Campus	Never
Campus of Offering	Columbus

## Prerequisites and Exclusions

Prerequisites/Corequisites	Prereq: Physics 7501 (828), Chem 6510, or 862, or permission of instructor.
Exclusions	
Electronically Enforced	No

## Cross-Listings

Cross-Listings

## Subject/CIP Code

Subject/CIP Code	40.0802
Subsidy Level	Doctoral Course
Intended Rank	Masters, Doctoral

## Requirement/Elective Designation

The course is an elective (for this or other units) or is a service course for other units

## Course Details

Course goals or learning objectives/outcomes	<ul style="list-style-type: none"><li>• n/a</li></ul>
<a href="#">Previous Value</a>	
Content Topic List	<ul style="list-style-type: none"><li>• An overview of both fundamental and applied topics on the frontier of spectroscopy</li></ul>
Sought Concurrence	No

## Attachments

- 8880Petition.docx  
*(Syllabus. Owner: Thaler,Lindsey Nicole)*

## Comments

- A syllabus is not attached but the rationale behind the change is. *(by Thaler,Lindsey Nicole on 10/30/2019 02:13 PM)*

**COURSE CHANGE REQUEST**  
8880.01 - Status: PENDING

Last Updated: Haddad,Deborah Moore  
10/31/2019

**Workflow Information**

Status	User(s)	Date/Time	Step
Submitted	Thaler,Lindsey Nicole	10/30/2019 02:13 PM	Submitted for Approval
Approved	Perry,Robert James	10/31/2019 11:28 AM	Unit Approval
Approved	Haddad,Deborah Moore	10/31/2019 03:27 PM	College Approval
Pending Approval	Jenkins,Mary Ellen Bigler Hanlin,Deborah Kay Oldroyd,Shelby Quinn Vankeerbergen,Bernadette Chantal	10/31/2019 03:27 PM	ASCCAO Approval



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October 25, 2019

Registrar  
Ohio State University

Dear Sir or Madam:

Every two years, the Chemical Physics program offers a course called Frontiers in Spectroscopy, CHEMPHYS 8880.1 and 8880.2. We bring in five outstanding scientists for 3-day visits. These scientists are a mixture of established researchers, often national academy members, and up-and-coming young investigators. During their visits, there is ample time for in-depth interactions with graduate students and faculty.

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Without the option of 1 or 1.5 units, many faculty would not permit their graduate students to register. (For example, the Chem & Biochem department requires students to register for at least one unit of research, and one of the weekly seminars, so students could take the course with minimal cost with the previous 1.5 unit minimum.)

Here is one practical reason why a healthy enrollment in 8880.1 and 8880.2 is important: Ratmir Timashev, an alumnus of the Chemical Physics program, donated \$5 million to the college to benefit Chemical Physics and Data Science. Part of those funds form an endowment for the Frontiers course. Every couple years I send photos and speaker lists to ASC Development, who hope to keep Ratmir please with his investment and willing to invest further. We hope that, in spring 2020, we can once again exhibit a vibrant Frontiers course.

Thank your for your consideration.

Sincerely,

Louis DiMauro  
Professor of Physics

Sherwin J. Singer  
Professor of Chemistry