# Undergraduate Readings III

The University of Toledo  
Department of Chemistry and Biochemistry  
CHEM 4920-001, 091 (CRN: 11223, 14355)

## Instructor
Jon R. Kirchhoff  
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## Office Hours
(M, T, W 9-10 am; T 2-3 pm and by appointment)

## Office Location
BO 2024

## Office Phone
(419) 530-1592

## Term
Spring 2019

## Class Location
faculty office

## Class Day/Time
schedule with faculty advisor

## Lab Location
n/a

## Lab Day/Time
schedule with faculty advisor

## Credit Hours
1-2

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## COURSE/CATALOG DESCRIPTION

Readings from the literature of chemistry. May be taken only as P/NC.

## COURSE OVERVIEW

Students will conduct literature research in an area of chemistry in the laboratory of a faculty advisor from the Department of Chemistry and Biochemistry. Students should view the department web page and identify faculty whose research interests match their interest. They should then contact the faculty member(s) and make an appointment to discuss literature topics. Once a faculty advisor is selected, the student and faculty advisor will formalize a schedule and specific learning outcomes for the assigned project. Typically 3 hours of research time in the laboratory per credit hour is required.

## STUDENT LEARNING OUTCOMES

Students will learn the use of scientific literature databases, will become familiar with the literature on their chosen topic, and will write a report of the literature on this topic.

## TEACHING STRATEGIES

Students will conduct independent literature research under the direction of a faculty member.

## PREREQUISITES AND COREQUISITES

Prerequisite: Permission of department and sophomore status.

## REQUIRED TEXTS AND ANCILLARY MATERIALS

None

## TECHNOLOGY REQUIREMENTS

Access to scientific literature databases and print journals
UNIVERSITY POLICIES

Policy Statement on Non-Discrimination on the Basis of Disability (ADA)

The University is an equal opportunity educational institution. Please read The University’s Policy Statement on Nondiscrimination on the Basis of Disability Americans with Disability Act Compliance

Academic Accommodations

The University of Toledo is committed to providing equal access to education for all students. If you have a documented disability or you believe you have a disability and would like information regarding academic accommodations/adjustments in this course please contact the Student Disability Services Office.

ACADEMIC POLICIES

Students are expected to follow the guidelines of student conduct as outlined in the Student Handbook (http://www.utoledo.edu/student-affairs/pdfs/studenthandbook.pdf)

COURSE EXPECTATIONS

In consultation with their faculty literature advisor, it is expected that student create a regular schedule for continuous research throughout the semester to ensure timely completion of their project goals. Regular communication with the research supervisor is essential to maintain progress. A written report is required.

GRADING

The faculty literature advisor will provide the department’s course coordinator (course coordinator listed above) a recommendation for a grade in the class. The class is graded as Pass or No Credit. A grade of Pass indicates the student has met the expectations for regular or Honors credit as set forth by the faculty member.

COMMUNICATION GUIDELINES

Students will communicate directly with their literature advisor on specific questions. The course coordinator is available for all general questions.

STUDENT SUPPORT SERVICES

General information and opportunities related to undergraduate research can be found at the Office of Undergraduate Research (http://www.utoledo.edu/honors/undergraduateresearch/)

COURSE SCHEDULE

To be determined in consultation with the faculty literature advisor.