

CHAPTER OVERVIEW

1: Introduction

Hypothes.is Tag= f19OLCCc1

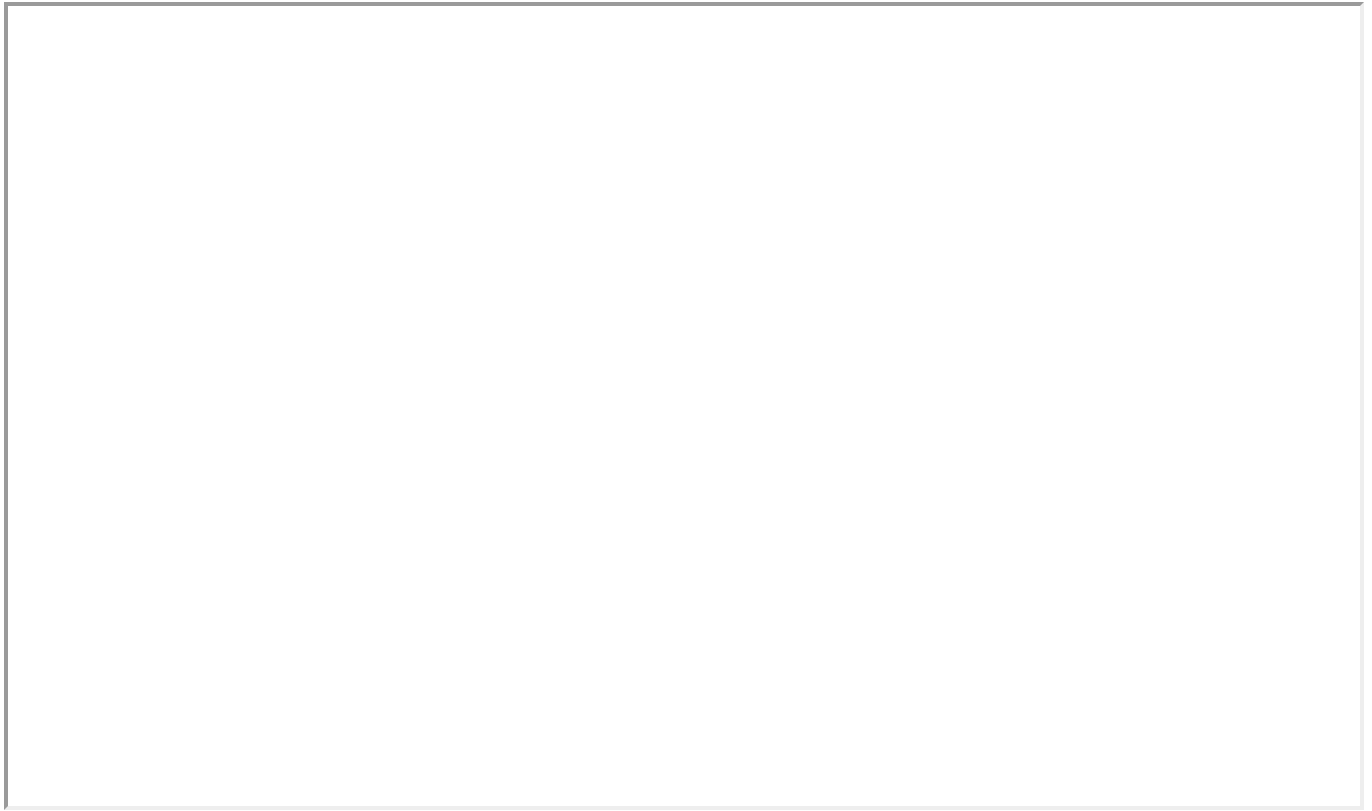
Note: Any annotation tagged **f19OLCCc1** on any open access page on the web will show at the bottom of this page.

You need to log in to <https://web.hypothes.is/> to see annotations to the group 2019OLCCStu.

Greetings, welcome to the homepage of the Fall 2019 Cheminformatics OLCC. This course is sponsored by the ACS Division of Chemical Education's [Committee on Computers in Chemical Education](#). This course is designed for either graduate students, or upper division undergraduate students. In this course students will learn how molecules are represented on computers, and use PubChem to learn some basic coding to access information through a variety of APIs.

We have a draft syllabus and please contact Bob Belford (rebelford@ualr.edu) if you are interested in learning more

- [1.1: Introduction](#)
- [1.2: Brief History of Cheminformatics](#)
- [1.3: Introduction to Data and Databases](#)
- [1.4: Installing Python](#)
- [1.5: Installing R](#)
- [1.6: Installing Mathematica](#)
- [1.7: Accessing PubChem through a Web Interface](#)
- [1.8: Programmatic Access to the PubChem Database](#)
- [1.9: Cheminformatics Resources](#)
- [1.10: Python Assignment 1](#)
- [1.11: R Assignment 1](#)
- [1.12: Mathematica Assignment 1](#)



1: [Introduction](#) is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by LibreTexts.