



College of  
Liberal Arts & Sciences

# 化学学院 School of Chemical Sciences

CU-ICSO@UIUC

湫亦唯



**I** ILLINOIS



# Overview

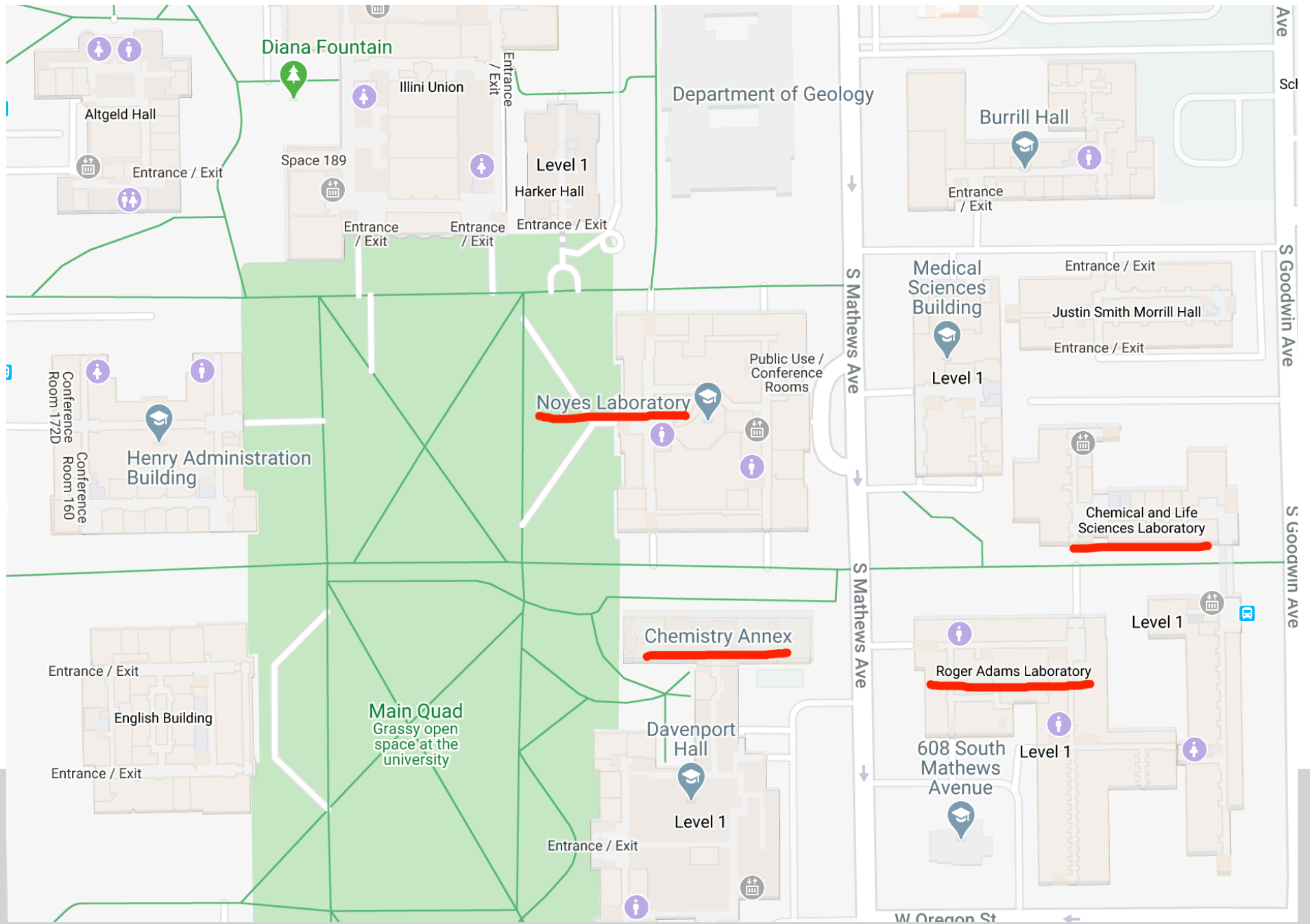
- Department of Chemistry
- Department of Chemical and Biomolecular Engineering



# Overview

- #6 in U.S. News (graduate school)
- #35 in QS worldwide
- #7 in Chemical Engineering (U.S. News)
- ~ 1000 students enrolled
- 4 Main Buildings





# Majors

- Chemistry
  - LAS Science & Letters
  - Bachelor of Science in Liberal Arts and Sciences Major in Chemistry
- Chemistry (LAS Specialized curriculum)
  - Bachelor of Science in Chemistry
- Chemical and Biomolecular Engineering (LAS Specialized curriculum)
  - Bachelor of Science in Chemical Engineering



# Courses

- General Chemistry 普通化学
  - CHEM 102, 103, 104, 105
  - CHEM 202, 203, 204, 205 “Accelerated” ( $\approx$ 102-105 + CHEM 222, 223)
- Organic Chemistry 有机化学
  - CHEM 232, 233, 332 “Elementary”
  - CHEM 236, 237, 436 “Fundamental”
- Physical Chemistry 物理化学
  - CHEM 442, 444



# Notes on General Chem Course

- GPA – 不高
- Proficiency Test – 能考就考
- Professor
  - CHEM 102 : 一般评价不是特别高
  - CHEM 202 : 超级好





Gunari, M.	307	1
Overcash, J.	159	1
McCarren, E.	1571	7
Leveritt, J.	583	2
Andino Martinez, J.	802	3
Decoste, D.	262	2

+0.10	2.71
+0.13	2.67
+0.07	2.61
+0.02	2.55
-0.15	2.37
-0.63	1.85

**CHEM 102: General  
Chemistry I  
All Sections**

**Average GPA: 2.44**

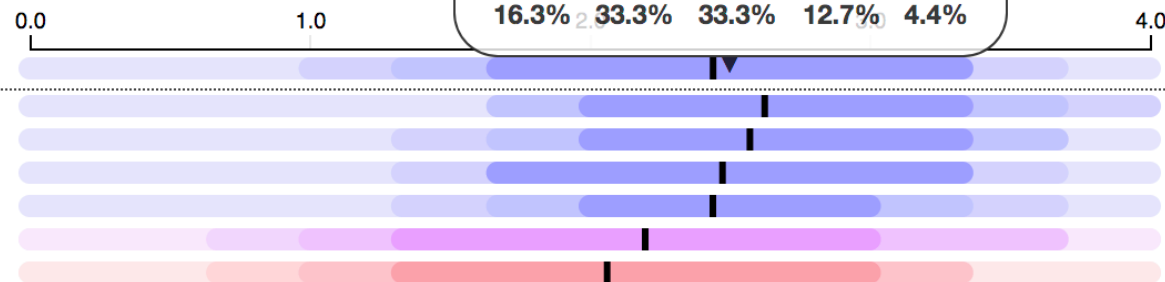
Data on 11593 students across 49 section(s)

As 16.3% Bs 33.3% Cs 33.3% Ds 12.7% Fs 4.4%

## CHEM 102: General Chemistry I

Instructor	Students	Sections
All Sections	11593	49

Andino Martinez, J.	833	3
Gunasekera, M.	2349	11
Huang, T.	2080	8
Hummel, T.	4316	15
Marville, K.	1711	11
Decoste, D.	304	1



$\Delta\sigma$	GPA
-	2.44
+0.18	2.62
+0.13	2.57
+0.03	2.47
+0.00	2.44
-0.23	2.19
-0.37	2.06





## CHEM 103: Undergraduate Open Seminar

Instructor	Students	Sections							
<b>All Sections</b>	2814	19							
Adams, G.	952	3							
McCarren, E.	1841	15							
Oswald, K.	21	1							

### CHEM 202: Accelerated Chemistry I Decoste, D.

**Average GPA: 2.47**

Same as overall course average

Data on 876 students across 4 section(s)

As 21.8% Bs 30.9% Cs 28.3% Ds 12.3% Fs 6.6%

$\Delta\sigma$

+0.06

-0.02

-0.39

**GPA**

3.91

3.93

3.90

3.73

## CHEM 202: Accelerated Chemistry I

Instructor	Students	Sections							
Decoste, D.	876	4							

$\Delta\sigma$

-

**GPA**

2.47

## CHEM 203: Accelerated Chemistry Lab I

Instructor	Students	Sections							
<b>All Sections</b>	883	8							
Vura-Weis, J.	502	4							
Andino Martinez, J.	381	4							

$\Delta\sigma$

-

+0.09

-0.12

**GPA**

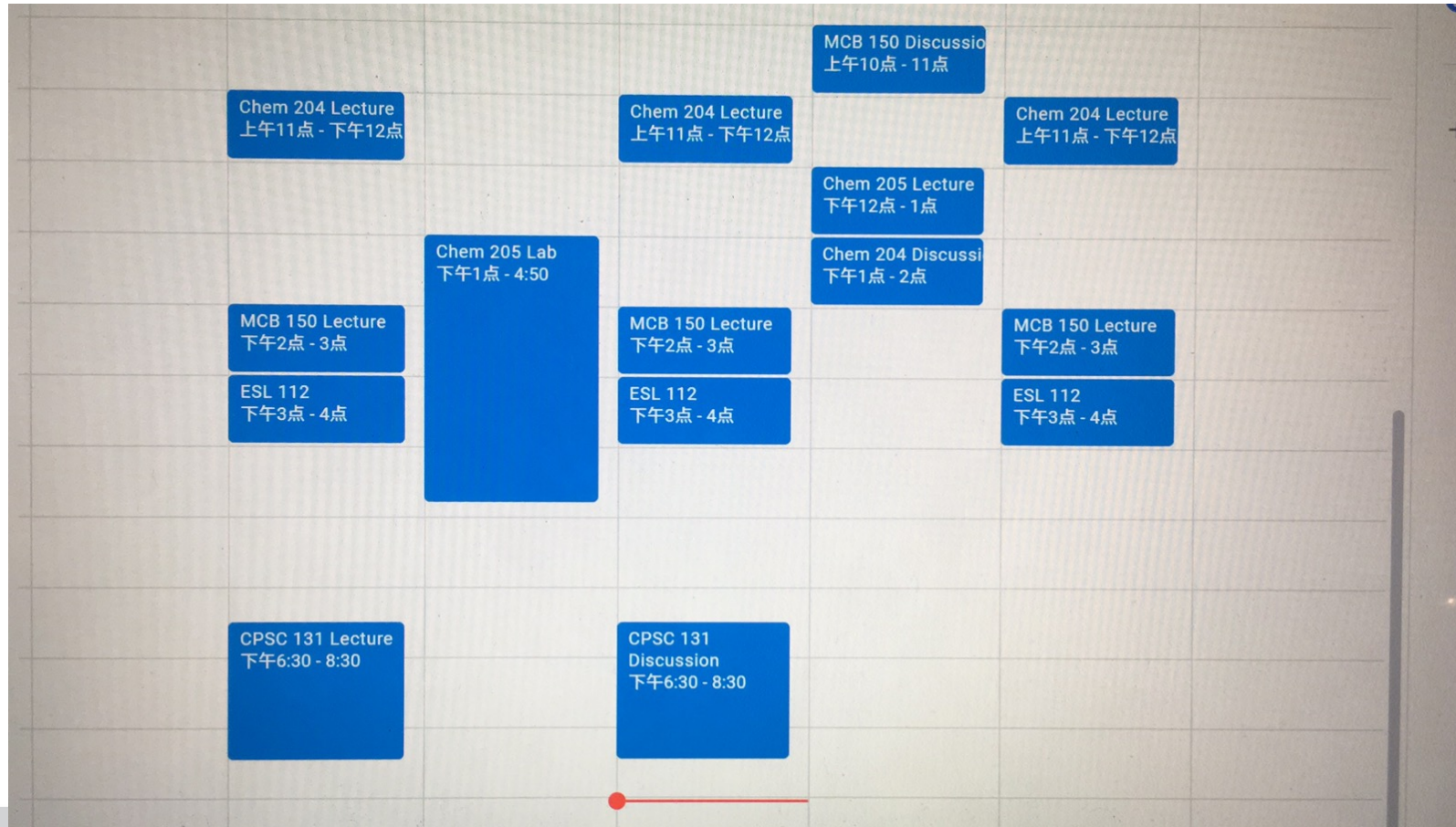
2.88

2.96

2.77



# Typical First Year Schedule



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9am			✓ Calculus II	✓ Calculus II	✓ Calculus II	✓ Calculus II	
10am							
11am		✓ Accelerated Chemistry II		✓ Accelerated Chemistry II		✓ Accelerated Chemistry II	
12pm		✓ Intro to Academic Writing	✓ Accelerated Chemistry Lab II	✓ Intro to Academic Writing		✓ Intro to Academic Writing	
1pm					✓ Accelerated Chemistry II	✓ Accelerated Chemistry Lab II	
2pm							
3pm			✓ Microeconomic Principles		✓ Microeconomic Principles		
4pm							
5pm							
6pm				✓ The Global Food Production Web			
7pm							
8pm							



# Student Organization

- ACS
  - American Chemistry Society
- AIChE
  - American Institute of Chemical Engineers
- Pre-Med



# Research

- Beckman Institute
- 联系Professor（主动出击，多交流，提供自己的课程信息）
- 独立Research（高年级Senior Thesis）



# 转专业

- Chemistry

- GPA 2.0及以上, General Chem, 数学 Calc I&II GPA2.0及以上
- 如果General Chem和Calc无GPA, 咨询化学advising

- ChBE

- 在UIUC起码两学期, 在校GPA3.10及以上
- CHBE 221, 321, 421 中学完两门, 并且成绩在C以上
- 有一个10个学期之内能够毕业的学业计划

