BIOL 382- Fall 2016
Biochemistry I Laboratory

Instructor  office  phone  e-mail  office hours
Doug Cole  Gibb 131  885-4071  dcole@uidaho.edu  MF 9:00-11:00 am
or by appointment

Textbook:  None Required. Materials will be handed out in class while some may be
available at the BbLearn 382 course site.

Location:  Life Sciences South, LSS 167

BbLearn  Some materials for this course may be posted on BbLearn. Be sure to read
relevant information before class.

TAs  e-mail  location  office hours
Aaron Simmons (Sec 01; W 2:00)  asimmons@uidaho.edu  LSS 167  T, 10:30 am -12:00 or by appt
Niko Levy (Sec 02; R 2:30)  nikolail@uidaho.edu  LSS 167  T, 10:30 am -12:00 or by appt
Aaron Simmons (Sec 03; R 10:30)  asimmons@uidaho.edu  LSS 167  T, 10:30 am -12:00 or by appt

Grading:  Reports (and pre-reports if assigned)  60%
Attendance & Lab notebook checks  5%
Practicum  15%
In-Class Assignments & Homework  20%
Total  100%

The final course grade will be based as follows:
1. >90% of the total points will guarantee an ‘A’
2. >80% of the total points will guarantee no less than a ‘B’
3. >70% of total points will guarantee no less than a ‘C’
4. >55% of total points will guarantee no less than a ‘D’
5. <45% of the total points will likely be awarded with an ‘F’

Course Requirements:

1. You are required to be on time and attend all of the scheduled labs. If you miss
a lab due to illness, death in the family, or pre-arranged school activity, you need to
provide a written excuse and arrange for generating the missed work by using data
obtained from the missed lab. If you are not on time, your lab partner(s) will suffer.
Two or more unexcused absences will result in a failing grade for the course.
2. Be prepared for each lab period. Read any assigned material prior to lab. I reserve
the right to add pre-lab assignments if students are coming to lab unprepared; these
would add to the Homework/Assignment category. Plan to spend ~1 hour prior to
each lab period preparing for the lab when reading materials are provided.
3. Students will work in groups (ideally limited to 2 students/group) to collect data but
will keep separate notebooks and prepare separate lab reports.
4. Lab notebooks will be checked periodically and should always be up to date before
you arrive to class. The notebook is a tool and will be necessary for analyzing data
and writing reports.
5. An emphasis of this course is on the written lab reports. They are worth 60% of your grade. It is important that you take good notes in your lab notebook and work promptly on data analysis in order to get feedback from your instructors prior to handing in the final reports. There will be an emphasis on the information conveyed by your figures so they should be labeled carefully and always include a detailed figure legend. Good and poor examples of figures with figure legends will be provided as early as week 2 (Acid-Base expt). Specific guidance as to what is desired should be provided for each report. Your Lab Reports are a valuable tool that will be available to you during the Lab Practicum. *Plan to spend at least 2-3 hour/week on data analysis and writing your reports.*

6. There are homework assignments due at the beginning of many lab periods. Be sure to bring a hardcopy of your homework to class on the day they are due; these will be collected by your TA. Late assignments must be handed in directly to Dr. Cole.

7. Any cases of cheating, giving or receiving assistance during an exam, plagiarism, falsification of records, or similar behavior will be handled according to the Student Code of Conduct, ([http://www.webpages.uidaho.edu/fsh/2300.html](http://www.webpages.uidaho.edu/fsh/2300.html); Chapter 2 of the Faculty Staff Handbook; updated 2014).

### The Learning outcomes for this course are aligned with the UI Learning outcomes.

1. **Learn and integrate:** You will apply your knowledge from chemistry, biology and biochemistry to conduct experiments in biochemistry and interpret the results.

2. **Think and create:** You will apply the concepts you learned in lecture and from readings by conducting experiments, predicting outcomes and designing follow up approaches.

3. **Communicate:** You will be working in cooperative groups and communicate your results in a written format that other scientists can easily understand.

4. **Clarify purpose and perspective:** You will gain understanding into the working of cellular processes and insights into the relatedness of biochemical processes. You will understand how to be good laboratory scientists.

5. **Practice citizenship:** The cooperative working environment of the laboratory and interpretation of results will aid in developing an understanding of the diversity of the natural world and its importance to everyday life.

### University of Idaho Classroom Learning Civility Clause

In any environment in which people gather to learn, it is essential that all members feel as free and safe as possible in their participation. To this end, it is expected that everyone in this course will be treated with mutual respect and civility, with an understanding that all of us (students, instructors, professors, guests, and teaching assistants) will be respectful and civil to one another in discussion, in action, in teaching, and in learning.

Should you feel our classroom interactions do not reflect an environment of civility and respect, you are encouraged to meet with your instructor during office hours to discuss your concern. Additional resources for expression of concern or requesting support include the Dean of Students office and staff (5-6757), the UI Counseling & Testing Center’s confidential services (5-6716), or the UI Office of Human Rights, Access, & Inclusion (5-4285).
UI Disability Support Services Reasonable Accommodations Statement

Reasonable accommodations are available for students who have documented temporary or permanent disabilities. All accommodations must be approved through Disability Support Services located in the Idaho Commons Building, Room 306 in order to notify your instructor(s) as soon as possible regarding accommodation(s) needed for the course.

- 885-6307
- email: dss@uidaho.edu
- wed: www.acess.uidaho.edu

University of Idaho Concealed Firearms Policy

From the UI Legal Counsel (http://www.uidaho.edu/public-safety-andsecurity/Weapons-on-Campus) “The University of Idaho bans firearms from its property with only limited exceptions. One exception applies to persons who hold a valid Idaho enhanced concealed carry license, provided those firearms remain concealed at all times. If an enhanced concealed carry license holder’s firearm is displayed, other than in necessary self-defense, it is a violation of University policy. Please contact local law enforcement (call 911) to report firearms on University property.”

Policies (Fall 2016) Regarding UI Registration Deadlines & Procedures

Add Classes
- On VandalWeb thru Mon, Aug 29
- Through Sept 02 with change of registration form signed by Instructor Drop Classes (without Withdrawal)
  - On VandalWeb through Sept 02
  - No forms or signatures (do not need Advisor or Instructor permission)
  - After Sept 02, drop (not Withdrawal) requires an academic petition
  - No grade or W appears on transcript
Withdraw from Classes
- On VandalWeb Sept 03 – Oct 28
- No hardcopy forms or signatures
- After Oct 28, requires academic petition
- Undergraduates are allowed up to 21 credits of W

PROPOSED SYLLABUS

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