

Nutritional Biochemistry

Chem 494

3 credits

Instructor: Kriya Dunlap, 474-2766, kldunlap@alaska.edu

Office Hours: Department of Chemistry and Biochemistry
West Ridge Research Building (WRRB), 230
Tuesday 4:00 ó 5:00 pm

Lecture:

Course Goals:

- Connect chemical and physical properties of nutrients with their cellular functions.
- Gain an understanding of the role of diet and exercise in mitigating disease.
- Identify the sources of nutrients in the food supply and their role in disease prevention.
- Study research tools and biomedical research models at UAF
- Write a proposal for submission to BLaST or INBRE.
- Discuss current IACUC/IRB and address compliance issues pertaining to their projects.

Learning Outcomes:

- Students will be able to identify molecular components in the food supply and their role in disease prevention.
- Students will learn how the chemical and physical properties of nutrients

Evaluation:

Attendance/Readings/Discussion/Participation 100 pts

Dunlap

Disabilities Services:

We will work with the Office of Disabilities Services (203 WHIT, 474-7043) to provide accommodations for students with disabilities. If you have a disability and require special assistance, please contact the instructor as soon as possible. Students with disabilities must provide a written statement indicating any special requirements that will be necessary as early in the semester as possible (preferably within the first week).