
INTEROFFICE MEMORANDUM

TO: Prof. Hussey, Chairman
FROM: Michael Mossing, Assoc. Professor of Chemistry
SUBJECT: Research substitution policy for Biochemistry Laboratory Credits for Undergraduate Biochemistry Majors
DATE: AUGUST 8, 2008
CC:

Whereas independent undergraduate research is intrinsically more beneficial to students than generic laboratory courses, Undergraduate research credits can be substituted for the 2 credit requirement for Biochemistry Laboratory, provided the following 3 stipulations are met.

1. The student takes:
Chem 463 Senior Thesis for at least 2 credits.

2. The Undergraduate Research Advisor sign the form below stipulating that the research experience involves at least 6 of the following 11 topics typically covered in Biochemistry Laboratory.

3. A document written by the student, in the form of a senior thesis, honors thesis or research report be turned in to the department of chemistry at the completion of the research, before graduation.

Please check all research experiences that apply:

- 1 Buffers, pH and UV/Vis spectroscopy
- 2 Protein and DNA quantitation
- 3 Fluorescence Spectroscopy
- 4 Gel Filtration, Affinity and Ion Exchange Chromatography
- 5 Protein Electrophoresis
- 6 Plasmid Purification
- 7 Restriction analysis and DNA Electrophoresis
- 8 DNA Sequence analysis
- 9 PCR
- 10 Enzyme Kinetics
- 11 Protein Purification

Undergraduate Research Advisor (name) _____

Undergraduate Research Advisor (signature)_____