



## Department of Chemistry and Biochemistry

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To: UAF Provost's Office

From: William Simpson, Department of Chemistry and Biochemistry

Date: 22 April 2014

Re: Roadmap for Biochemistry and Neuroscience Ph.D. program

The Biochemistry and Neuroscience Ph.D. program generates individualized roadmaps for each graduate student in consultation with the student's graduate committee. That plan includes a selection of three core courses from the following list:

**Core courses – take 3 of the following:**

CHEM F654—Protein Structure and Function  
CHEM F657—Molecular Foundations of Gene Expression  
CHEM F674—Membrane Biochemistry and Biophysics  
CHEM F670—Cellular and Molecular Neuroscience  
CHEM F675—Cellular Signaling

All core courses are taught on an every-other-year schedule, and with a maximum of two core courses in any semester, so students can complete all class requirements in two years (or less).

Additionally, students must take two presentation skills classes:

**Complete two seminar courses**

CHEM F692--Seminar (take twice)

“Seminar” is taught every semester.