



## INDIANA UNIVERSITY

DEPARTMENT OF BIOCHEMISTRY  
AND MOLECULAR BIOLOGY

School of Medicine

Randy Brutkiewicz  
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Indiana University School of Medicine  
635 Barnhill Drive  
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March 10, 2014

Dear Dr. Brutkiewicz,

The Department of Biochemistry and Molecular Biology is petitioning for several changes to our present Masters in Biochemistry and Molecular Biology curriculum. Our current entry in the Graduate Bulletin is- **“A minimum of 30 credit hours, including the core curriculum courses G715, G716, G655, G505; plus two of the six 2-credit Biochemistry core courses (G805, G807, G817, G848, G852, G825); and at least 9 credit hours in research. A thesis will be written and successfully defended to the thesis committee”**. We are asking to revise this entry in the following manner- **“A minimum of 30 credit hours, including two of the following courses- G715, G716, B500, or G865. Each student would also take G505 and two of the seven 2-credit Biochemistry core courses (B811, G805, G807, G817, G848, G852, G825); and at least 9 credit hours in research. Each student will also complete one of the two research communication courses – B890 or G655. A thesis will be written and successfully defended to the thesis committee”**. The addition of B500 (Introductory Biochemistry) and G865 (Fundamentals of Molecular Biology) will provide the department with a mechanism for developing an understanding in both biochemistry and molecular biology in students without a strong background in these areas, but with strong backgrounds in related fields such as chemistry and physics. B890 is the departmental communication course that had inadvertently been removed in the last iteration of the bulletin and the department would like to have it serve as a possible option along with G655. Finally, we recently added B811 to the list of core courses for our PhD. The bulletin description for B811 is “Tutorial instruction in specialized areas of metabolism”. It serves as literature/discussion course to strengthen student backgrounds in areas specific to a particular laboratory. The addition of B811 will also give us a consistent list of core courses for both of our advanced degrees.

Sincerely,

Mark Goebel

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