

# UCLA Engineering

HENRY SAMUELI SCHOOL OF ENGINEERING AND APPLIED SCIENCE

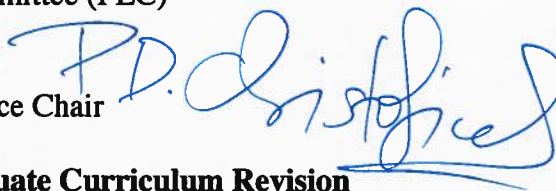
Chemical and Biomolecular Engineering Department

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February 25, 2016

TO: Faculty Executive Committee (FEC)

FROM: Panagiotis Christofides  
CBE Undergraduate Vice Chair



RE: 2015-2016 Undergraduate Curriculum Revision

In the new Chemical Engineering curriculum, all options have 180 units. The revision was discussed in multiple faculty meetings and issues raised were addressed given the constraints that need to be met. The new Chemical Engineering curriculum meets ABET constraints on engineering units, meets the General Education Electives requirement, maintains Technical Breadth, meets prerequisites that various classes have, and does not cut any engineering classes.

The new Chemical Engineering curriculum uses a new bio class, Ch Engr 45, to meet the life science requirement for all Chemical and Biomolecular Engineering students and replace life science classes in the bio options as well as Chemistry and Biochemistry 153A (Biochemistry).

Chemistry and Biochemistry 113A (Quantum Chemistry) was removed from the core option. However, students have all the pre-requisites needed to take this class as part of a Technical Breadth in Chemistry if they decide to do this. Chemistry and Biochemistry 113A was not a pre-requisite for any class in the curriculum.

The Chemical and Biomolecular Engineering faculty voted on these changes. The results were: Yes 8, No 2, Abstain 0. Five faculty members did not vote.

Please see the attached curriculum changes.

Thank you.