

Board Meeting
May 19, 2016

ESTABLISH THE BACHELOR OF SCIENCE IN INNOVATION, LEADERSHIP
AND ENGINEERING ENTREPRENEURSHIP, COLLEGE OF ENGINEERING,
URBANA

Action: Establish the Bachelor of Science in Innovation, Leadership and Engineering Entrepreneurship, College of Engineering

Funding: No New Funding Required

The Interim Chancellor, University of Illinois at Urbana-Champaign, and Interim Vice President, University of Illinois with the advice of the Urbana-Champaign Senate recommends approval of a proposal from the College of Engineering to establish the Bachelor of Science in Innovation, Leadership and Engineering Entrepreneurship (B.S. in ILEE).

The College seeks to establish the B.S. in ILEE so engineering students have an opportunity to better understand the innovative processes involved in identifying problems and creating, developing, and leading efforts to provide engineering solutions. The curriculum is based on a sound disciplinary engineering technical core with additional aspects of problem identification and innovation alongside complex, multidisciplinary engineering project management and leadership. The demand for courses related to innovation, leadership, and engineering entrepreneurship has grown significantly over the past ten years, both on the Urbana-Champaign campus and at other

universities across the country. The Technology Entrepreneur Center (TEC) in the College of Engineering has been in operation since 2000 and has seen participation levels in its courses and activities double over the last five years. Currently, engineering students interested in TEC courses must fit them into their schedule as free electives. Formalizing these courses as part of a unique degree program at the University of Illinois at Urbana-Champaign places these activities squarely within the heart of the disciplinary experiences of students in the College of Engineering and structures a more formal and rigorous means for student supervision, mentoring, and tracking.

The Board action recommended in this item complies in all material respects with applicable State and federal laws, University of Illinois *Statutes*, *The General Rules Concerning University Organization and Procedure*, and Board of Trustees policies and directives.

The Vice President for Academic Affairs concurs with this recommendation. The University Senates Conference has indicated that no further Senate jurisdiction is involved.

The President of the University recommends approval. This action is subject to further review and approval by the Illinois Board of Higher Education.