

Board Meeting
March 14, 2019

REDESIGNATE AND REVISE THE BACHELOR OF SCIENCE IN MATHEMATICS
AND COMPUTER SCIENCE, COLLEGE OF LIBERAL ARTS AND SCIENCES,
CHICAGO

Action: Redesignate and Revise the Bachelor of Science in Mathematics and Computer Science, College of Liberal Arts and Sciences

Funding: No New Funding Required

The Chancellor, University of Illinois at Chicago, and Vice President, University of Illinois with the advice of the Chicago Senate and the College of Liberal Arts and Sciences recommends the redesignation and revision of the Bachelor of Science in Mathematics and Computer Science as the Bachelor of Science in Liberal Arts and Sciences, Major in Mathematics and Computer Science.

Undergraduate programs in the College of Liberal Arts and Sciences are designated as majors or as curricula. Curricula are more structured than majors, more closely proscribe a plan of study, and do not allow students to take on a second major. The program in Mathematics and Computer Science is more accurately described as a major, as total hours in the field of study are consistent with other majors in the college, between 27 and 40 hours. Once redesignated as a major, students will have the option of pursuing a double major.

The major is designed for students who seek careers in computer science

and/or computer-related fields requiring a strong mathematical background. In addition to core courses in the major, students must complete one of two concentrations in Algorithms and Theory or Computational Mathematics. Requiring students to complete a concentration ensures they are mastering a coherent body of materials, and is an added credential when they seek employment. Students must complete a total of 120 hours to earn the degree.

The Board action recommended in this item complies in all material respect 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 Executive Vice President and 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.