ASACR 10

Office of the President
February 21, 2020

Members, Board of Trustees:

<u>ACADEMIC DEGREE RECOMMENDATION:</u>
<u>COLLEGE OF ENGINEERING</u>

<u>Recommendation</u>: that the Board of Trustees approve the establishment of a Master of Science degree with a major in Computer Engineering, in the Department of Computer Science, within the College of Engineering, beginning in the Fall 2020 Semester.

<u>Background</u>: The proposed program will provide an advanced degree in the area of computer engineering, an area in which the University of Kentucky already has a successful undergraduate program as well as successful faculty research. The field of computer engineering integrates expertise from both electrical engineering and computer science, emphasizing an understanding of computer architecture, hardware/software interface, and the integration of computers into products and systems at a larger scale. While the program will be housed in the Department of Computer Science, the program would include collaborative work between faculty from the Departments of Electrical and Computer Engineering and Computer Science.

The proposed program will support the College of Engineering's mission and will further enhance the College's ability to pursue its vision of international recognition and recognition as a top college of engineering in the country.

Demand and salaries in computer engineering continue to be strong. Enrollment of 10 to 20 new students per year is anticipated.

The program has the approval of the appropriate councils and the University Senate, and has completed the 30 day review process of the Council on Postsecondary Education. The Provost of the University supports this recommendation.

Action taken: ☑ Approved   ❑ Disapproved   ❑ Other_____