



University Council

February 14, 2020

UNIVERSITY CURRICULUM COMMITTEE – 2019-2020

John Maerz, Chair

Agricultural and Environmental Sciences – Nicholas Fuhrman

Arts and Sciences – Jonathan Evans (Arts)

Trenton Schirmer (Sciences)

Business – Richard Gooner

Ecology – Amanda Rugenski

Education – Morgan Faison

Engineering – E.W. Tollner

Environment and Design – Brad Davis

Family and Consumer Sciences – Patricia Hunt-Hurst

Forestry and Natural Resources – Joseph Dahlen

Journalism and Mass Communication – James Hamilton

Law – Randy Beck

Pharmacy – Michelle McElhannon

Public and International Affairs – Jeffrey Berejikian

Public Health – Brittani Harmon

Social Work – Harold Briggs

Veterinary Medicine – Susan Sanchez

Graduate School – Amy Medlock

Ex-Officio – Provost S. Jack Hu

Undergraduate Student Representative – Melissa Hevener

Graduate Student Representative – Jordan Henley

Dear Colleagues:

The attached proposal from the College of Engineering to change the name of the major in Agricultural Engineering (B.S.A.E.) to Agricultural Systems Engineering (B.S.A.E.) will be an agenda item for the February 21, 2020, Full University Curriculum Committee meeting.

Sincerely,

John Maerz, Chair

University Curriculum Committee

cc: Provost S. Jack Hu

Dr. Rahul Shrivastav

PROPOSAL FOR ACADEMIC UNIT NAME CHANGE

Date: January 29, 2020

Department/Division: School of Environmental, Civil, Agricultural and Mechanical Engineering

School/College/Unit: College of Engineering

Proposed Effective Date: Fall 2020

NAME CHANGE:

Current Name: Agricultural Engineering (B.S.A.E.)

Proposed Name: Agricultural Systems Engineering (B.S.A.E.)

JUSTIFICATION:

The existing Agricultural Engineering (B.S.A.E.) major, originally housed in the Department of Biological and Agricultural Engineering in the College of Agricultural and Environmental Sciences, now resides in the recently created College of Engineering. During the transition, Agricultural Engineering was used as a basis for launching the Civil, Mechanical, and Electrical and Environmental Engineering majors. This necessitates a need for revising the Agricultural Engineering major in order for it to remain viable. Given that agriculture is Georgia's largest industry, it is important to involve thought leaders from around the U.S. and Georgia to develop a plan that would be viable in the 21st century. A committee comprised of members of the National Academy of Engineering and former ASABE presidents, as well as Georgia Industry representatives, contributed input for the revising effort. The revised curriculum builds on expertise from Civil, Mechanical, and Electrical and Environmental Engineering to enable cutting-edge development work across the agricultural spectrum. A few key faculty lines are being recruited to further strengthen systems engineering capability. Agricultural Engineering is now the major in the College of Engineering portfolio that emphasizes systems engineering while serving the agricultural industry, hence the name change to Agricultural Systems Engineering (B.S.A.E.).

Approvals on File

Proposal: Major name change from Agricultural Engineering (B.S.A.E.) to Agricultural Systems Engineering (B.S.A.E.)

College: College of Engineering

Department: School of Environmental, Civil, Agricultural, and Mechanical Engineering

Proposed Effective Term: Fall 2020

Department:

- School of Environmental, Civil, Agricultural, and Mechanical Engineering Chair, Dr. Sidney Thompson, 1/27/20

School/College:

- College of Engineering Associate Dean, Dr. Ramaraja Ramasamy, 1/21/20
- College of Engineering Dean, Dr. Don Leo, 1/27/20