Request for Consent by the Electrical and Computer Engineering Curriculum Committee

Presented: June 1st, 2022

Proposal include MATH 208 as pre-enrollment course option for transfer students and intrest changers applying for the BSECE degree program

The Curriculum Reinvention committee requests approval for the addition of *MATH 208: Matrix Algebra with Applications* (along with MATH 136, deemed by the Mathematics department as providing equivalency) as one of the pre-enrollment course requirement options transfer and interest-changer applicants must successfully complete prior to their first quarter in the program.

As MATH 208 is already a degree requirement for the degree, and a large number of transfer students planning to apply for engineering programs already have it on their transcripts at the time of application, the Curriculum Reinvention Committee believes the course's inclusion as a pre-enrlollment course option will increase the pool of eligible transfer applicants as well as allow those transfer students greater flexibility once they have entered into the BSECE degree program which is in keeping with the degree's goals.

See requested language change below (addition in red):

> Current UW students without Engineering Undeclared status and transfer students may apply. Admission is competitive.
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> Admission is for autumn quarter only. Application deadline: April 5.
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> Course requirements: CSE 142; MATH 124, MATH 125, MATH 126 (or MATH 134, MATH 135, MATH 136); PHYS 121, PHYS 122 (or PHYS 141, PHYS 142); and 5 credits English composition; all completed prior to application deadline.
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> Additional course requirements: CSE 143; MATH 207 (unless MATH 135 was completed); and two courses from the following list: BIOL 130, BIOL 220, CHEM 142 (or CHEM 143 or CHEM 145), MATH 208 (or MATH 136), MATH 224, PHYS 123; all completed prior to the start of autumn quarter
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> Grade requirements: Minimum 2.0 grade for each course required for application. Minimum 2.50 cumulative GPA across all courses required for application.