



COLLEGE OF NATURAL SCIENCES AND MATHEMATICS
OFFICE OF THE DEAN

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Memorandum

From: Ian Evans, Associate Dean

To: Marsha Daly

Subject: Change in MATH requirements for BS Chemistry majors

Date: 7 May 2007

The NS&M Curriculum Committee recently met and approved the following change in the MATH requirements for BS chemistry majors:

Current Requirements: MATH 1431; 1432; 2433 12

New Requirements: MATH 1431; 1432; 2433; 3321 15

Rationale: the 3 currently required Math courses (Calculus I, II and III) cover appropriate material but chemistry BS majors need a deeper working knowledge of the topics in MATH 3321, especially differential equations, matrices, determinants, eigenvectors and eigen-values, to be successful in physical chemistry courses.

WITHDRAWN
10/17/08
Q

MEMO

To: Ian Evans

From: R. Geanangel, Chair of the Curriculum and Teaching Committee

The C&T Committee has recently approved the following change in the mathematics requirements for BS chemistry majors:

Under Departmental Requirements; Mathematics, add **MATH 3321**.

Math 3321, Engineering Mathematics, includes first order differential equations and initial value problems, higher order differential equations, vector spaces, matrices, determinants, eigenvectors and eigenvalues, applications to systems of first order equations, and LaPlace transforms.

Rationale

The three math courses currently required, Calculus I, II, and III, cover appropriate material but our students need a deeper working knowledge of the topics in MATH 3321, especially differential equations, matrices, determinants, eigenvectors and eigen-values, to be successful in our physical chemistry courses.