



MEMORANDUM

TO: Dr. G. Nelson, Dean, College of Sciences

FROM: Dr. V. Lakshimkantham, Head, Mathematical Sciences

DATE: April 29, 2005

SUBJECT: Mathematical Sciences Minors

Calculus I and Calculus II are now included in the total number of hours for each minor. These changes were deemed necessary by the Chair of the Undergraduate Curriculum Committee, Dr. Clayton Baum.

Department of Mathematical Sciences

Requirements for the Minor in Computational Mathematics (21 credit hours)

MTH 1001	Calculus 1
MTH 1002	Calculus 2
MTH 2201	Differential Equations with Linear Algebra
MTH 4311	Numerical Analysis
MTH 4320	Neural Networks
MTH 4082	Parallel Processing

Any student that has taken these courses, but has not satisfied the requirement of at least 9 credit hours being unnamed courses may take any mathematics course at the 2000 level or above to satisfy that requirement.

Requirements for the Minor in Pure Mathematics (21 credit hours)

Calculus 1	Calculus 1
Calculus 2	Calculus 2
MTH 2001 or MTH 2201	Calculus 3/Differential Equations with Linear Algebra /
MTH 3102	Introductory Linear Algebra
MTH 4101	Introductory Analysis
MTH 4105 or MTH 4051	Topology/ Abstract Algebra

Any student that has taken these courses, but has not satisfied the requirement of at least 9 credit hours being unnamed courses may take any mathematics course at the 2000 level or above to satisfy that requirement.

Requirements for the Minor in Applied Mathematics (20 credit hours)

Calculus 1	Calculus 1
Calculus 2	Calculus 2
MTH 2001	Calculus 3
MTH 2201	Differential Equations with Linear Algebra
MTH 3201 or MTH 3101	Boundary Value Problems/Complex Variables
Or MTH 4201	Models in Applied Mathematics

Any student that has taken these courses, but has not satisfied the requirement of at least 9 credit hours being unnamed courses may take any mathematics course at the 2000 level or above to satisfy that requirement.