

Date: Feb 24, 2010

To: Dr. John Nichols Provost
Cc: Academic Cabinet
Re: Quantitative Literacy Graduation Requirement

From: Quantitative Literacy Committee (Members David Chattin, Jennifer Coy, Karen Donnelly, Linda McFarland, Rob Reuter)

The Quantitative Literacy Committee submits to the Academic Cabinet its proposal for an implementation of the quantitative literacy graduation requirement, to take effect for the academic year 2010-2011. Last year the Academic Cabinet recommended to the faculty, and the faculty accepted by vote, a quantitative literacy graduation requirement, to be implemented starting in 2010-2011. However the Cabinet did not approve our implementation plan. Our proposal for an implementation is given below. We ask the Cabinet to approve this implementation. If the Cabinet rejects this implementation, we ask that the Cabinet provide an alternative recommendation for the implementation.

Saint Joseph's College Quantitative Literacy Graduation Requirement

The College is committed to developing graduates who have the ability and "habit of mind" to use and evaluate quantitative information and apply it in their personal, professional, and public roles. To facilitate the development of the student's quantitative habit of mind throughout the undergraduate years, a quantitative literacy course requirement must be completed by the end of the sophomore year.

Quantitative Literacy Graduation Requirement: Students can fulfill this requirement by completing any one of the following courses:

MTH 101	Quantitative Literacy
ECN 210	Statistics for Business and Economics
MTH 111	Math as a Human Pursuit
MTH 093	Pre-Calculus
MTH 122	Discrete Mathematics
MTH 125	Calculus I (or AP credit)
MTH 342	Statistics
NUR 204	Statistical Analysis for Healthcare Providers
POL 225 / PSY 225 / SOC 225	Statistics

Proposed new course:

MTH 101 Quantitative Literacy 3 credits

This course covers the basic mathematical and technological tools used to analyze quantitative information through an emphasis on life-skills applications and analysis of current events. Topics include the interpretation of data, computation and estimation, logical reasoning, visual representation of data, statistical reasoning, basic probability, and financial concepts. Throughout the course, quantitative literacy skills will be used to interpret topics such as current events, public policy debates, news reports, personal financial decisions, and health care issues.

Prerequisite: Student has met the college's Mathematics Proficiency Entrance Requirement (see catalog)