November 16, 2011 (updated 5/08/2012)

From: Mathematics Convening Group

To: Mathematics Majors

Re: Calculus Sequence Transition from 4 to 3 semesters

I.   Mathematics majors matriculating in Fall 2012 will need to take the 15 courses required for the major (this includes Calculus I, Calculus II, Multivariable Calculus, a mathematics elective numbered above 237, plus 11 other mathematics courses listed in the requirements for the major list).

II. The current mathematics majors, including students who matriculate in Fall 2011 and Spring 2012, due to the recent transition from the 4 semester calculus sequence (Calculus I, Calculus II, Calculus III, Calculus IV) into the 3 semester calculus sequence (Calculus I, Calculus II, Multivariable Calculus) will need to either:

a) take the 15 courses required for the major (this includes Calculus I, Calculus II, Calculus III, Calculus IV, plus 11 other mathematics courses listed in the requirements for the major list)

or

b) take the 15 courses required for the major (this includes Calculus I, Calculus II, Calculus III, Multivariable Calculus, plus 11 other mathematics courses listed in the requirements for the major list)

or

c) take 14 courses required for the major (this includes Calculus I, Calculus II, Multivariable Calculus (taken in the semesters indicated in the table below) plus 11 other mathematics courses listed in the requirements for the major list). In this option, the requirement of Calculus III will be waived and no elective in place of it will be required for those current students, which reduces the 15 required for the major courses in total down to 14 courses.

For the calculus courses listed above, the current mathematics majors need to follow the calculus sequence transition shown on page 2 of this document.

Note: The new, 3-semester calculus sequence covers the same material as the previous 4-semester calculus sequence, but it's condensed into three semesters as opposed to being stretched over 4 semesters.

Calculus Sequence Transition
For Academic Year 2011/2012

If before Fall 2011 student has completed up through…	*Then in Fall 2011 student should take…*	*And in Spring 2012 student should take…*
MATH 110	MATH 121 (New Calc I)	MATH 122 (New Calc II)
MATH 121 (old Calc I)	MATH 122 (New Calc II – with instructor providing smooth transition for Fall 2011 only)	MATH 225 – Multivariable Calc.
MATH 122 (old Calc II)	MATH 223 (Old Calc III)	MATH 225 – Multivariable Cal.
MATH 223 (old Calc III)	MATH 225 – Multivariable Calc.	Nothing-Done!
MATH 224 (old Calc IV)	Nothing-Done!	Nothing-Done!