Recommended Plan Of Study BA Mathematics, 5-Year Co-Op *5 YR UG Co-op Concentration*
as of Fall 2012-2013

Term 1		Credits
CS 280	Multimedia Programming	3
ENGL 101	Expository Writing and Reading	3
MATH 121	Calculus I	4
UNIV 101	The Drexel Experience	1
	Science elective (See degree requirements)	4
	Term Credits	*15*

Term 2		Credits
CS 280/171	Programming Fundamentals/ Programming I	3
ENGL 102	Persuasive Writing and Reading	3
MATH 122	Calculus II	4
	Science elective (See degree requirements)	4
	Term Credits	*14*

Term 3		Credits
CS 171/172	Computer Programming I/II	3
ENGL 103	Analytical Writing and Reading	3
MATH 123	Calculus III	4
MATH 200	Multivariate Calculus	4
	Social science elective	3
	Term Credits	*17*

Term 4		
COM 230	Techniques of Speaking	3
MATH 220	Introduction to Mathematical Reasoning	3
MATH 201	Linear Algebra	4

	Diversity studies elective	3
	International studies elective	3
	Term Credits	*16*
Term 5		**Credits**
	Course in a field related to Math (See degree requirements)	3
	Free electives	6
[MATH 210](#)	**Differential Equations**	4
	Humanities/Fine Arts elective	3
	Term Credits	*16*
Term 6		**Credits**
[MATH 401](#) or	**Elements of Modern Analysis I**	3
[MATH 331](#)	**Abstract Algebra I**	4
	MATH elective from BS in Mathematics requirements (or see degree list)	3
	Social science elective	3
	Humanities/Fine Arts elective	3
	Free elective	3
	Term Credits	*16* or 15
Term 7		**Credits**
	Free electives	9
	MATH course selected from sequence option (see degree requirements)	3
	Diversity studies elective	3
	Term Credits	*15*
Term 8		**Credits**

	MATH elective from BS in Mathematics requirements (or see degree list)	3
	International studies elective	3
	Course in a field related to Math (See degree requirements)	3
	Free electives	6
	Term Credits	*15*
Term 9		**Credits**
	Course in a field related to Math (See degree requirements)	3
	Free electives	9
	MATH course selected from sequence option (see degree requirements)	3
	Term Credits	*15*
Term 10		**Credits**
	MATH elective from BS in Mathematics requirements (or see degree list)	4
	Free electives	11 or 12
	Term Credits	*15*
Term 11		**Credits**
	Free electives	10
	MATH course selected from sequence option (see degree requirements)	3
	Term Credits	*13*
Term 12		**Credits**
	Free electives	10
	MATH elective from BS in Mathematics requirements (or see degree list)	3

Term Credits	13
Total Credits (minimum)	180