

Sample Mathematics B.S. program with Coop

A typical five(5) year program with three (3) 6-month coops.

	<u>Fall Semester</u>	<u>Spring Semester</u>	<u>Summer 1</u>	<u>Sum 2</u>
Year 1	MTH U241 Calc 1 4 MTH U170 Math Disc. & Comp. 4 Core 1: Cat I English ENG U111 4 PHY U161 Physics 1 5 PHY U162 Physics Lab 0 MTH Intro 1-credit 1	MTH U242 Calc 2 4 Free elective 1 4 Core 2: Cat II Arts/Humanities 4 PHY U165 Physics 2 5 PHY U166 Physics Lab 0		
Year 2	MTH U341 Calc 3 4 MTH U371 Lin. Alg. 4 Core 3: Cat II Social World 4 Free Elective 2 4	MTH U345 Differential equations 4 Core 4: Cat III Diversity 4 Core 5: Cat IV HistoryEthical/Aesthetics 4 Free Elective 3 4		Coop 1 -> Fall
Year 3	Coop 1 Continued	MTH U481 Prob. & Stat. 4 MATH elective 1 4 Core 6: ENG U301 Adv. Writing in Field 4 Free Elective 4 4 MTH CoopReflection 1-credit 1	MATH elective 2 4 Free Elective 5 4	Coop 2 -> Fall
Year 4	Coop 2 Continued	MTH U550 Real Analysis 4 MATH elective 3 4 Core 7: Cat V Analysis 4 Free Elective 6 4 MTH CoopReflection 1-credit 1	MATH elective 4 4 Free Elective 7 4	Coop 3 -> Fall
Year 5	Coop 3 Continued	MTH U575 Group theory 4 MATH elective 5 (Exp. Ed.) 4 Free Elec 8 4 Free Elec 9 4		