

Sample Schedule for a 4 + 1 Program Student

Applied Option or Traditional Option

Freshman Year

Fall Semester	Credits	Spring Semester	Credits
Math 153 Calculus I	4	Math 255 Calculus II	4
<i>Total Credits</i>	16	<i>Total Credits</i>	16

Sophomore Year

Fall Semester	Credits	Spring Semester	Credits
Math 256 Calculus III	4	Math 362 Linear Algebra	3
Math 250 Logic & Proof	2	CS 340 Intro to Sci. Computing	3
		Math 320 Differential Equations	3
<i>Total Credits</i>	16	<i>Total Credits</i>	16

Junior Year

Fall Semester	Credits	Spring Semester	Credits
Math 270 Statistical Methods I	3	Math 310 Discrete Structures	3
Math 422 Advanced Calculus I	3	Math 361 Abstract Algebra	3
<i>Total Credits</i>	16	<i>Total Credits</i>	16

Senior Year

Fall Semester	Credits	Spring Semester	Credits
Math 370 Prob. and Stats. I	3	Math 570 Statistical Theory II	3
Math 479 Capstone	2	Math 524 Complex Analysis*	3
Math 541 Numerical Analysis	3		
Math 561 (or Math 562)	3		
<i>Total Credits</i>	16	<i>Total Credits</i>	16

Fifth Year

Fall Semester	Credits	Spring Semester	Credits
Math 632 Meth. of Applied Math.	3	Math 622 Analysis	3
Math 661 Applied Algebra	3	Math 640 (or Math 646)	3
Math 672 Adv. Statistical Meth.	3	One of set S^{**}	3
		Math 679 Masters Project	1
<i>Total Credits</i>	9	<i>Total Credits</i>	10

* renumbering of Math 331

** $S = \{ \text{Math 624, Math 630, Math 634, Math 670, Math 693} \}$