

Mathematics (Pure) Major

B.S. Sample Program Plan

Math Placement is Math009A

	Fall	Winter	Spring
Year One	MATH009A (4) ENGL001A (4) Science Breadth A (4-5) H/SS Breadth (4)	MATH009B (4) ENGL001B (4) Science Breadth B (4-5) H/SS Breadth (4)	MATH009C (4) ENGL001C (4) Science Breadth C (4-5) CS010A (4)
Units			
Term	16-17	16-17	16-17
Year Two	MATH010A (4) MATH031 (5) Science Breadth (4-5) H/SS Breadth (4)	MATH010B (4) MATH046 (4) H/SS Breadth (4) Elective (4)	MATH/CS011** (4) MATH131 (4) H/SS Breadth (4)
Units			
Term	17-18	16	12
Year Three	MATH144 (4) H/SS Breadth (4) Elective (4) Elective (4)	MATH145A (4) MATH U.D. Required (4) MATH U.D. Elective (4) H/SS Breadth (4)	MATH U.D. Required (4) MATH U.D. Elective (4) MATH U.D. Elective (4) Elective (4)
Units			
Term	16	16	16
Year Four	MATH151A (4) H/SS Breadth (4) MATH U.D. Elective (4) MATH U.D. Elective (4)	MATH171 (4) MATH U.D. Required (4) MATH U.D. Elective (4) Elective (4)	MATH172 (4) MATH U.D. Required (4) Elective (4)
Units			
Term	16	16	12

**Strongly recommended

Math Sequences:

MATH003 or MATH 6A: MATH003 > MATH 6A > MATH 6B > MATH 9A > MATH 9B > MATH 9C

MATH 5ABC: MATH 5A > MATH 5B > MATH 5C > this fulfills the MATH009 series



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Math Placement is MATH005A

	Fall	Winter	Spring
Year One	MATH005A (5)	MATH005B (5)	MATH005C (5)
	ENGL001A (4)	ENGL001B (4)	ENGL001C (4)
	H/SS Breadth (4)	Science Breadth A (4-5)	Science Breadth B (4-5)
	H/SS Breadth (4)	H/SS Breadth (4)	H/SS Breadth (4)
Units			
Term	16	17-18	17-18

Year Two	MATH031 (5)	MATH010A (4)	MATH010B (4)
	H/SS Breadth (4)	BIOL Breadth (4-5)	MATH046 (4)
	Science Breadth C (4-5)	Elective (4)	MATH/CS011** (4)
	CS10A (4)	Elective (4)	H/SS Breadth (4)
Units			
Term	17-18	16-17	16

Year Three	MATH144 (4)	MATH145A (4)	MATH U.D. Elec (4)
	MATH131 (4)	MATH U.D. Elec (4)	U.D. Elec (4)
	H/SS Breadth (4)	U.D. Elec (4)	U.D. Elec (4)
	Elective (4)		Elective (4)
Units			
Term	16	12	16

Year Four	MATH151A (4)	MATH171 (4)	MATH172 (4)
	H/SS Breadth (4)	MATH U.D. Reqmt (4)	MATH U.D. Elec (4)
	MATH U.D. Elec (4)	MATH U.D. Elective (4)	Elective (4)
	U.D. Elec (4)		Elective (4)
Units			
Term	16	12	16

**Strongly recommended – required for MTSS students and the computational math concentration

Math Sequences:

MATH003 or MATH 6A: MATH003 > MATH 6A > MATH 6B > MATH 9A > MATH 9B > MATH 9C

MATH 5ABC: MATH 5A > MATH 5B > MATH 5C > this fulfills the MATH009 series



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Math Placement is MATH006A

	Fall	Winter	Spring
Year One	MATH006A (4)	MATH006B (4)	MATH009A (4)
	ENGL001A (4)	ENGL001B (4)	ENGL001C (4)
	H/SS Breadth (4)	Science Breadth A (4-5)	Science Breadth B (4-5)
	H/SS Breadth (4)	H/SS Breadth (4)	H/SS Breadth (4)
Units			
Term	12	16-17	16-17

Year Two	MATH009B (4)	MATH009C (4)	MATH010B (4)
	H/SS Breadth (4)	MATH010A (4)	MATH046 (4)
	Science Breadth C (4-5)	MATH031 (5)	MATH/CS011** (4)
	CS10A (4)	Science Breadth (4-5)	H/SS Breadth (4)
Units			
Term	16-17	17-18	16

Year Three	MATH144 (4)	MATH145A (4)	MATH U.D. Elec (4)
	MATH131 (4)	MATH U.D. Elec (4)	MATH U.D. Elec (4)
	Elective (4)	MATH U.D. Elec (4)	MATH U.D. Elec (4)
	H/SS Breadth (4)		Elective (4)
Units			
Term	16	12	16

Year Four	MATH151A (4)	MATH171 (4)	MATH172 (4)
	H/SS Breadth (4)	MATH U.D. Reqmt (4)	MATH U.D. Reqmt (4)
	MATH U.D. Elec (4)	MATH U.D. Elective (4)	Elective (4)
	MATH U.D. Elec (4)		Elective (4)
Units			
Term	16	12	16

**Strongly recommended

Math Sequences:

MATH003 or MATH 6A: MATH003 > MATH 6A > MATH 6B > MATH 9A > MATH 9B > MATH 9C

MATH 5ABC: MATH 5A > MATH 5B > MATH 5C > this fulfills the MATH009 series



Mathematics (Pure) Major

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Math Placement is MATH003

	Fall	Winter	Spring	Summer
Year One	MATH003 (3) ENGL001A (4) H/SS Breadth (4) H/SS Breadth (4)	MATH006A (4) ENGL001B (4) H/SS Breadth (4)	MATH006B (4) ENGL001C (4) H/SS Breadth (4)	
Units				
Term	15	12	12	
Year Two	MATH009A (4) H/SS Breadth (4) Science Breadth A (4-5) CS10A (4)	MATH009B (4) MATH010A (4) Science Breadth B (4-5) H/SS Breadth (4)	MATH009C (4) MATH031 (5) Science Breadth C (4-5) MATH/CS011** (4)	MATH10B (4) MATH046 (4)
Units				
Term	16-17	16-17	17-18	8
Year Three	MATH144 (4) MATH131 (4) Science Breadth (4-5)	MATH145A (4) MATH U.D. Elec (4) U.D. Elec (4)	MATH U.D. Elec (4) MATH U.D. Elec (4) MATH U.D. Elec (4) Elective (4)	
Units				
Term	12-13	12	16	
Year Four	MATH151A (4) H/SS Breadth (4) MATH U.D. Elective (4) MATH U.D. Elective (4)	MATH171 (4) MATH U.D. Reqmt (4) MATH U. D. Elective (4)	MATH172 (4) MATH U.D. Reqmt (4) Elective (4) Elective (4)	
Units				
Term	16	12	16	

**Strongly recommended

Math Sequences:

MATH003 or MATH 6A: MATH003 > MATH 6A > MATH 6B > MATH 9A > MATH 9B > MATH 9C

MATH 5ABC: MATH 5A > MATH 5B > MATH 5C > this fulfills the MATH009 series

