

# Mathematics (Pure) Major

## *B.S. Sample Program Plan*

### Math Placement is Math009A

	Fall	Winter	Spring
<b>Year One</b>	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
<b>Year Two</b>	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
<b>Year Three</b>	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
<b>Year Four</b>	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:	
ARC or MATH 6A:	ARC 35 > 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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## *B.S. Sample Program Plan*

### Math Placement is MATH005A

	Fall	Winter	Spring
<b>Year One</b>	MATH005A (5) ENGL001A (4) H/SS Breadth (4) H/SS Breadth (4)	MATH005B (5) ENGL001B (4) Science Breadth A (4-5) H/SS Breadth (4)	MATH005C (5) ENGL001C (4) Science Breadth B (4-5) H/SS Breadth (4)
Units			
Term	16	17-18	17-18
<b>Year Two</b>	MATH031 (5) H/SS Breadth (4) Science Breadth C (4-5) CS10A (4)	MATH010A (4) BIOL Breadth (4-5) Elective (4) Elective (4)	MATH010B (4) MATH046 (4) MATH/CS011** (4) H/SS Breadth (4)
Units			
Term	17-18	16-17	16
<b>Year Three</b>	MATH144 (4) MATH131 (4) H/SS Breadth (4) Elective (4)	MATH145A (4) MATH U.D. Elec (4) U.D. Elec (4)	MATH U.D. Elec (4) U.D. Elec (4) U.D. Elec (4) Elective (4)
Units			
Term	16	12	16
<b>Year Four</b>	MATH151A (4) H/SS Breadth (4) MATH U.D. Elec (4) U.D. Elec (4)	MATH171 (4) MATH U.D. Reqmt (4) MATH U.D. Elective (4)	MATH172 (4) MATH U.D. Elec (4) Elective (4) Elective (4)
Units			
Term	16	12	16

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

Math Sequences:	
ARC or MATH 6A:	ARC 35 > 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

## *B.S. Sample Program Plan*

### Math Placement is MATH006A

	Fall	Winter	Spring
<b>Year One</b>	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

<b>Year Two</b>	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

<b>Year Three</b>	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

<b>Year Four</b>	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:	
ARC or MATH 6A:	ARC 35 > 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

## *B.S. Sample Program Plan*

### Math Placement is ARC 35

	Fall	Winter	Spring	Summer
<b>Year One</b>	ARC 35 (0) 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	12	12	12	
<b>Year Two</b>	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
<b>Year Three</b>	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	
<b>Year Four</b>	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:	
ARC or MATH 6A:	ARC 35 > MATH 6A > MATH 6B > MATH 9A > MATH 9B > MATH 9C
MATH 5ABC:	MATH 5A > MATH 5B > MATH 5C > this fulfills the MATH009 series

