

Department of Mathematics  
**Upper Division Pre-Requisites**

Course	Pre-Req 1	Pre-Req 2	Pre-Req 3	Pre-Req 4	Pre-Req 5
100A	UDS				
101A	3A	8			
102A	3B	8			
103	8				
104A	4B	6AB	8	CMPSC 8 or 16 or 5JA	117
109A	8 or CMPSC 40				
108A	4B	8			
111A	108A				
113	8				
115A	8				
116	8				
117	8				
118A	4B	6A	108A	108B	117
119A	4B	6A	8		
119B	4B	6A	6B	8	119A or COS
122A	4B	6A	8		
124A	4B	6A	6B	8	
124B	4B	6A	6B	124A or COS	
132A	108A				
132B	117	132A			
137A	4B	8			
145	*8	108A or 117			
147A	6A	108A or 117			
170	PSTAT 120A	PSTAT 120B	PSTAT 160A		
178	CMPSC 10	PSTAT 120A or 121A			
181A/ED 134	8				
181B/ED 135	181A or ED 134				
190	COS				
193	COS				
194GS	COS				
195A	UDS	UDM			
197A	COS				
199	UDS	UDM	UDM	COS	
199RA	UDS	UDM	UDM	COS	

**UDM** = Upper Division Math Course    **UDS** = Upper Division Standing    **COS** = Consent of Instructor

**Must earn a grade of C or better in sequence course to move forward.**

\*Must earn a grade of B- or better.