

**Mathematics (MATA) BA Degree 32 Course Units (128 Credits) AY 2008-09**

Name:		Freshman		Updates	
TCNJ ID:		TCNJ Entry:		Major Entry:	
2 <sup>nd</sup> Major: None		1 <sup>st</sup> Minor: None		2 <sup>nd</sup> Minor: None	
Earned Hours:		GPA:		Major GPA:	
<b>Liberal Learning Breadth Requirements</b> NOTE: courses in <i>italics</i> are also listed as major and/or correlate courses.		<b>Major Program Requirements</b> NOTE: courses in <i>italics</i> are also listed as liberal learning courses. 12 Mathematics, 1 Mathematics/ Liberal Learning, 2 Correlate/ Liberal Learning courses as listed:		<b>Civic Responsibilities, Proficiencies &amp; Electives</b>	
<b>Courses</b>	<b>Grade</b>	<b>Courses</b>	<b>Grade</b>	<b>Courses</b>	<b>Grade</b>
<b>Indicate Option Met:</b>		<b>Correlate Courses: 2 Courses</b>		<b>Civic Responsibilities – May be met through Courses, Programs or Sustained Experiences</b>	
<input type="checkbox"/> Designated Interdisciplinary Concentration (A) (Attachment)		<i>Any two natural science courses from the Math Dept. list. At least one with a lab and at least one in Physics.</i>		<input type="checkbox"/> Community Engaged Learning	
<input type="checkbox"/> Second Major (A) (Attachment)				None	
<input type="checkbox"/> Self-Designed Interdisciplinary Concentration (B) (Attachment)		<b>Major Core: 7 Courses</b>		<input type="checkbox"/> Gender	
<input type="checkbox"/> Breadth Distribution List (C) -- 9 Courses:		MAT 128 Calculus B		None	
NOTE: Majors within the School of Science should choose a First Seminar to meet either A&H or SS&H		MAT 200 Proof Writing		None	
<b>Arts &amp; Humanities – 3 Courses</b> Literary, Visual, Performing Arts; World Views/Ways of Knowing (at least one from each)		MAT 205 Linear Algebra		None	
	None	MAT 229 Multivar. Calc.		None	
	None	MAT 305 Abstract Alg.		None	
	None	MAT 310 Real Analysis		None	
<b>Social Science &amp; History – 3 Courses</b> Behavioral, Social or Cultural Perspectives; Social Change in Historical Perspective (at least one from each))		MAT 320 Complex An.		None	
	None				
	None				
	None				
	None				
	None				
<b>Natural Sciences &amp; Quantitative Reasoning– 3 Courses</b> Natural Science (at least one lab); Quantitative Reasoning (at least one from each)		<b>Major Options/Concentrations: 5 Courses.</b> Any four-credit 300/400-level MAT course. At least two courses must be at the 400 level.		<b>Intellectual &amp; Scholarly Growth:</b>	
MAT 127 Calculus A		MAT 4xx		WRI 101 (if required)	
<i>Any two natural science courses from the Math Dept. list. At least one with a lab and at least one in Physics.</i>		MAT 4yy		None	
				WRI 102 (if required)	
				None	
				<b>Writing Intensive Courses: 3</b>	
				FSP First Seminar	
				None	
				Other	
				None	
				MAT 498 Capstone	
				None	
				<input type="checkbox"/> Information Literacy On-Line Library	
				<input type="checkbox"/> Second Language	
				Demonstrated proficiency at the Low-Intermediate Level (0-3 Courses Based on Placement)	
				None	
				None	
				None	
				<input type="checkbox"/> Not Applicable	
<b>Transfer Information:</b>		<b>Major non-credit requirement:</b>		<b>Electives 6-7 Courses</b> (as needed to earn 32 course units for graduation).	
School	Credit Accepted:	<input type="checkbox"/> MAT 099 Orientation Sem None			
School	Credit Accepted:	<input type="checkbox"/> MAT 498 Capstone Exper. None			
School	Credit Accepted:	<b>Graduation Requirements:</b>			
Pending:		1) minimum GPA of 2.00.			
		2) minimum of 6 units in the major must be earned in the department. A minimum of 4 of the final 6 units must be earned in the department.			
		3) at least C- in all MAT & STA courses with the following exception: for 300, 400 level courses at most 2 grades of D or D+, only 1 in required course.			
		4) at least B- in MAT 127 or MAT 128 and at least C in MAT 200 or 205.			
		5) at least C- in any course that is prerequisite for subsequent course.			
		<b>Waivers &amp; Substitutions</b>		<b>Placement Deficiencies Met With</b>	
		n/a for		<input type="checkbox"/> Not Applicable	
		n/a for		<input type="checkbox"/> Math	
		n/a for		None	
		n/a for		<input type="checkbox"/> Verbal	
				None	
				Evaluator Approval:	