Mathematics Statistics (MATC) BA Degree 32 Course Units (128 Credits) AY 2008-09

Name:		Freshman	Updates		
TCNJ ID:	TCNJ Entry:	Major Entry:			
2nd Major: None	1st Minor:None	2nd Minor: None			
Earned Units:	GPA:	Major GPA:			

Liberal Learning Breadth Requirements

NOTE: courses in *italics* are also listed as major and/or correlate courses.

Courses	Grade
Indicate Option Met:	
☐ **Designated Interdisciplinary Concentration (A)** (Attachment)	
☐ **Second Major (A)** (Attachment)	
☐ **Self-Designed Interdisciplinary Concentration (B)** (Attachment)	
☐ **Breadth Distribution List (C) - 9 Courses:**	
NOTE: Majors within the School of Science should choose a First Seminar to meet either A&H or SS&H	
Arts & Humanities – 3 Courses From Literary, Visual , Performing Arts ; World Views/Ways of Knowing (at least one from each)	
	None
	None
	None
Social Sciences & History – 3 Courses from Behavioral, Social or Cultural Perspectives & Social Change in Historical Perspective(at least one from each)	
	None
	None
	None
Natural Sciences & Quantitative Reasoning Natural Science (at least one lab); Quantitative Reasoning (at least one from each)	
MAT 127 Calculus A	None
Any two natural science courses from the Dept. list, at least one with a lab.	
	None
	None

Transfer Information:
School Credit Accepted:
School Credit Accepted:
Pending:

MAJOR PROGRAM REQUIREMENTS

NOTE: courses in *italics* are also listed as liberal learning courses
13 Mathematics and Statistics,
1 Correlate/Mathematics,
2 Correlate/Liberal Learning and
1 Correlate course as listed.

Courses	Grade
Correlate Courses: 3 Courses	
Any two natural science courses from the Dept. list , at least one with a lab.	
CSC 220 Comp Sci I	None
	None
	None
Major Core: 8 Courses	
MAT 128 Calculus B	None
MAT 200 Proof Writing	None
MAT 205 Linear Algebra	None
MAT 229 Multivar. Calc.	None
MAT 316 Probability	None
STA 215 Stat. Inference	None
STA 305 Regression Anal.	None
STA 410 Math. Stat.	None
Major Options/Concentrations: 5 Courses. Choose **3** from the following:	
STA 303 Design of Exp.	None
STA 304 Samp & Non-parametric Stat.	None
STA 306 Applied Multivariate Analysis	None
STA 307 Data Mining and Predictive Modeling	None
STA 314 Quality Control	None
AND 2 MAT/STA Options (with advisement)	
	None
	None

Major non-credit requirement:
☐ **MAT 099** Orientation Sem | None
☐ **STA 498** Capstone Exper. | None

Graduation Requirements:
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 STA 215 and in MAT 316
4) at least C- in all other 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
5) at least C- in any course that is prerequisite for subsequent course

Waivers & Substitutions
n/a for

Civic Responsibilities, Proficiencies & Electives

Courses	Grade
Civic Responsibilities – May be met through Courses, Programs or Sustained Experiences	
☐ **Community Engaged Learning**	
	None
☐ **Gender**	
	None
☐ **Global Perspective**	
	None
☐ **Race & Ethnicity**	
	None
Intellectual & Scholarly Growth:	
WRI 101 (if required)	None
WRI 102 (if required)	None
Writing Intensive Courses: 3	
FSP First Seminar	None
Other	None
STA 498 Capstone	None
☐ **Information Literacy** On-Line Library	
☐ **Second Language** Demonstrated proficiency at the Low-Intermediate Level (0-3 Courses Based on Placement)	
	None
	None
	None
☐ Not Applicable	
Electives 4 Courses	
	None
	None
	None
	None
	None
	None

Placement Deficiencies Met With

☐ Not Applicable		
☐ Math		None
☐ Verbal		None

Evaluator Approval: