RIDER UNIVERSITY

Checksheet 2013-14

Name _____

Advisor _____

SECONDARY EDUCATION
MATHEMATICS DOUBLE MAJOR

INDICATE SEM./ ORTRANSFER*	COURSE TITLE	COURSE NUMBER	SH
BASIC EDUCATION CORE			
_____	Expository Writing	BHP 100P or CMP 120	3
_____	Research Writing	BHP 150P or CMP 125	3
_____	Introduction to Psychology	PSY 100	3
	Science Elective		-
	Math Elective		-
_____	Speech Communication	COM 104	3
_____	History Elective	HIS_____	3
_____	Social Science Elective	_____	3
_____	Fine Arts Appreciation Elective	_____	3
_____	Literature Elective	_____	3
_____	Technology Elective(s)	_____	3
	Contexts of Schooling		-
EXPANDED MATHEMATICS CORE			
_____	Youth & Adolescent Development	PSY 231	3
_____	Philosophy Elective	_____	3
_____	Freshman Seminar *(Freshman Only)*	NCT 010	-
GENERAL STUDIES ELECTIVES			
_____	General Studies Elective	_____	3
_____	General Studies Elective	_____	3
_____	General Studies Elective	_____	3
_____	General Studies Elective	_____	3
_____	General Studies Elective	_____	1
	TOTAL CORE AND GENERAL STUDIES ELECTIVES CREDITS ----------		46
PROFESSIONAL EDUCATION			
	Foundations Courses (6 SH)		
_____	Contexts of Schooling	EDU 106	3
_____	Developmental Educ. Psychology	EDU 206	3
	(These classes must be taken concurrently)		
	Methods Courses (12 SH)		
_____	Teaching Math in Middle School	ELD 380(Spring Only)	3
_____	Teaching in the High School	SED 370	3
_____	Teaching Math. in Secondary Schools	SED 415(Fall Only)	3
_____	Content Area Reading and Writing	SED 431	3

INDICATE SEM./ ORTRANSFER*	COURSE TITLE	COURSE NUMBER	SH
	Capstone Experience (15 SH)		
_____	Student Teaching & Seminar	EDU 465	12

TOTAL PROFESSIONAL EDUCATION CREDITS ---------- 30

MATHEMATICS MAJOR REQUIREMENTS (50 SH)) (A Mathematics Major must attain a "B" average in Calculus I (MTH 210) and Calculus II (MTH 211).

Please refer to the attached departmental checksheet for second major requirements.

TOTAL SECOND MAJOR CREDIT ---------- 50

TOTAL CORE AND GENERAL STUDIES ELECTIVES CREDITS - --------- 46

TOTAL SEMESTER HOURS REQUIRED FOR GRADUATION ---------- 126

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Please indicate semester and year in which courses were taken. Or "T" for transfer of credit.

A 2.75 cumulative grade point average is required for Junior status in good standing.

Courses in italics may be used to fulfill a requirement in more than one section of the checksheet. Double counting a course does not imply double counting credits, since 126 credits are needed for graduation.

PLEASE CHECK WITH YOUR SECOND MAJOR ADVISOR TO GUARANTEE GRADUATION REQUIREMENTS.

SE-MTH
Rev. 06/13

REQUIREMENTS FOR MATHEMATICS MAJOR

One (1) of the following:

MTH-210	4	Calculus I	

Note: MTH 105 or SAT 650, or passing the calculus placement examination is a prerequisite for MTH 210

All of the following:

MTH-211	4	Calculus II	
MTH-212	4	Calculus III	
MTH-240	3	Linear Algebra	
MTH-250	3	Differential Equations	
MTH-308	3	Advanced Calculus	
MTH-315	3	Modern Geometry	
MTH-340	3	Probability and Statistical Analysis I	
MTH-401	3	Modern Algebra	
MTH-410	3	Complex Analysis	

All of the following:

PHY-200	3	General Physics I	
PHY-200L	1	General Physics I Lab	
PHY-201	3	General Physics II	
PHY-201L	1	General Physics II Lab	

Any three (3) upper level mathematics courses.
Currently these are:

MTH-341	3	Probability and Statistical Analysis II	
MTH-402	3	Topics in Advanced Mathematics	
MTH-420	3	Number Theory	
MTH-430	3	Introduction to Topology	
MTH-440	3	Real Analysis	
MTH-490	3	Independent Study and Research	