

BS MATHEMATICS/MIDDLE SCHOOL TEACHER CERTIFICATION (5-8) 2012-2013

Transfer Institution: **Nashua Community College** (2012-2013 Catalog)

PSU Requirement (2012-13 Catalog)	Credits	Satisfied by NCC (2012-13 Catalog)	Credits
MA Mathematics electives above MA 2100	6-8	MTHN 106, 115, 120, 212, 215, 217, 220	8
Calculus – complete one sequence	8		
MA 2490 Applied Calculus I (QRCO)	<i>and</i>		
MA 2500 Applied Calculus II (QRCO)	<i>or</i>		
MA 2550 Calculus I (QRCO)		MTHN 210 Calculus I	4
MA 2560 Calculus II (QRCO)		MTHN 211 Calculus II	4
MA 3110 Logic, Proofs, Axiomatic Systems (WRCO)	3	MTHN 216 Math Language, Logic and Proof	4
MA 3200 Discrete Mathematics	3	MTHN 170 Discrete Mathematics	3
SE 3090 Intro Special Ed: Middle and Secondary	3	EDUN 132 Introduction to Exceptionalities (substitute)	3
EN 1200 Composition	3	ENGN 101 <i>or</i> ENGN 102 <i>or</i> HONN 110	4-3
IS 1111 The First Year Seminar	3	HUMN 110 Critical Thinking Skills	3
CTDI Creative Thought Directions	6	<i>Complete two:</i> ENGN 105, ENGN 206, ENGN 220, ENGN 235, ENGN 240, ENGN 241, HUMN 102, HUMN 120, HUMN 220	6
PPDI Past and Present Directions	6	<i>Complete two:</i> ENGN 230, ENGN 231, GEON 110, HISN 101, 102, 110, 141, 215, 241, 246, HONN 130, HONN 260B, HUMN 103	6
SIDI Scientific Inquiry Directions	6-8	<i>Complete two:</i> EETN 131, HONN 117, SCIN 101, SCIN 102, SCIN 111, SCIN 115, SCIN 116, SCIN 117, SCIN 134, SCIN 141, SCIN 150, SCIN 151	6-8
SSDI Self and Society Directions	6	<i>Complete two:</i> HISN 140, HSVN 111, HUMN 101, HUMN 260, PSYN 110, PSYN 130, PSYN 207, SOCN 201, SOCN 205	6
Sub-total	53-57	Sub-total	57-58

MA 2000 Introduction to Formal Mathematics (MATH)	3
MA 3010 Mathematics in Our World II (QRCO)	4
MA 3050 Introduction to Mathematics Education	3
MA 3230 Geometries (TECO) (WRCO)	4
MA 3460 History of Mathematics (GACO) (WRCO)	3
MA 3500 Probability and Statistics for Scientists	3
MA 4020 The Cultural and Psychological Aspects of Mathematics Learning (DICO) (INCO)	3
MA 4040 Mathematics in the Secondary/Middle School	3
MA 4965 Mathematics Student Teaching (5-8)	12
MA 4985 Mathematics Student Teaching Seminar	1
CD 3000 Philosophical and Historical Perspectives on the Child in Society (INCO) (WRCO)	3
ED 3350 Classroom Planning, Management, Organization for Middle School/Secondary Educators (TECO)	3
PS 3190 Development and Understanding (WECO)	3
Electives	<u>19-15</u>
Sub-total	<u>67-63</u>

Total required for the degree 120

The maximum number of transfer credits that can be applied to a PSU bachelor degree is 90.

Three credits for IS 1111 The First Year Seminar become an elective for transfer students entering with 24 or more credits.

Student Teaching requires a minimum PSU cumulative Grade Point Average of 2.50.

Students must receive a C- or better in all PSU mathematics courses required in their degree program. A grade of C- or better must be earned in any PSU mathematics prerequisite course before enrolling in the post-requisite course.

Students must take the Praxis I exam prior to admission to PSU and must successfully complete the exam before graduation from the two-year institution. Students shall also submit their Praxis I results to Plymouth State.

Students with the AA degree in Teacher Preparation must have a minimum cumulative grade point average of 2.50.

If a Nashua course in this list for transfer to PSU satisfies a Nashua General Education requirement, the Group that it satisfies is noted in brackets, e.g., [A].

<u>NCC Courses Noted Above</u>	<u>Credits</u>
SCIN 101 Biology I [B]	4
SCIN 102 Biology II: An Evolutionary Journey [B]	4
SCIN 111 Basic Human Anatomy and Physiology [B]	4
SCIN 115 Astronomy [B]	4
SCIN 116 Meteorology [B]	4
SCIN 117 Environmental Science [B]	4
SCIN 134 Stereo Physics [B]	4
SCIN 141 Introduction to Chemistry [B]	4
SCIN 150 Physical Science I [B]	4
SCIN 151 Physical Science II [B]	4
SOCN 201 Contemporary Social Problems [C]	3
SOCN 205 The Changing Family [C]	3

<u>NCC Courses Noted Above</u>	<u>Credits</u>
EETN 131 Circuit Analysis I	3
ENGN 101 College Composition	4
ENGN 102 Writing About Literature [A]	3
ENGN 105 Introduction to Literature [A]	3
ENGN 206 Writing Short Stories [A]	3
ENGN 220 Contemporary Dramatic Literature [A]	3
ENGN 230 British Literature I [A]	3
ENGN 231 British Literature II [A]	3
ENGN 235 Poetry Workshop [A]	3
ENGN 240 American Literature I [A]	3
ENGN 241 American Literature II [A]	3
GEON 110 World Regional Geography [D]	3
HISN 101 Western Civilization from Ancient Times to 1700 [D]	3
HISN 102 Western Civilization From 1600 to the Present [D]	3
HISN 110 Ancient Civilizations of the World [D]	3
HISN 140 US History from the Colonial Era to Reconstruction [D]	3
HISN 141 US History Since Reconstruction [D]	3
HISN 215 New Hampshire History [D]	3
HISN 241 American Constitutional History [D]	3
HISN 246 Modern America [D]	3
HONN 110 Honors Expository Writing	3
HONN 117 Honors Environmental Science	4
HONN 130 Honors Ancient Greek Philosophy	3
HONN 260B Humor in Literature and Other Media	3
HSVN 111 Introduction to Human Services	3
HUMN 101 Introduction to the Humanities [F]	3
HUMN 102 Art Appreciation [F]	3
HUMN 103 Music Appreciation [F]	3
HUMN 120 Introduction to Theatre [F]	3
HUMN 220 Classic Myths in Western Civilization [F]	3
HUMN 260 Counterculture in the USA, 1956-1976 [F]	3
MTHN 106 Elementary Statistics [E]	3
MTHN 115 Finite Mathematics [E]	4
MTHN 120 Precalculus [E]	4
MTHN 212 Calculus III [E]	4
MTHN 215 Linear Algebra [E]	4
MTHN 217 Probability and Statistics [E]	4
MTHN 220 Elementary Differential Equations [E]	4
PSYN 110 Reality, TV, Video Games, Social Media and You [C]	3
PSYN 130 Human Relations in Organizations [C]	3
PSYN 207 Social Psychology [C]	3