

**2+2 Agreement: AA Liberal Arts with concentration in Mathematics at Nashua Community College and
BS in Mathematics at Plymouth State University**

Years 1 and 2 at Nashua Community College		
Course ID	Course Title	Credits
<u>Year One</u> at Nashua Community college		
MTHN 210	Calculus I	4
MTHN 211	Calculus II	4
MTHN 215	Linear Algebra	4
BCPN 101	Computer Technology and Applications	3
ENGN 101	College Composition	4
LEXN 101	First Year Experience	1
	General Education: Group A Elective	3
	General Education: Group B Elective	4
	General Education: Group B Elective	<u>4</u>
	Sub-total Credits for Year One at NCC	31
<u>Year Two</u> at Nashua Community College		
MTHN 212	Calculus III	4
MTHN 220	Elementary Differential Equations	4
MTHN 285	Individual Project in Mathematics	4
	General Elective: Group C Elective	3
	General Education: Group C or D Elective	3
	General Education: Group D Elective	3
	General Education: Group F Elective	3
	General Education: Group F or G Elective	3
	General Education: Group F or G Elective	3
	Open Elective	<u>3</u>
	Sub-total Credits for Year Two at NCC	<u>33</u>
	Total Credits at NCC for AA Liberal Arts/Math	64
Years 3 and 4 at PSU		
Course ID	Course Title	Credits
<u>Year Three</u> at PSU		
MA 2000	Introduction to Formal Math (MATH)	3
MA 3110	Logic, Proofs & Axiomatic Systems (WRCO)	3
MA 3200	Discrete Mathematics	3
MA 3500	Probability and Statistics for Scientists	3
CS	CS 2370 or CS 2400 or CS 2470	2-4
WECO	Wellness Connection	3
	Electives	<u>12-10</u>
	Sub-total Credits for Year Three at PSU	29
<u>Year Four</u> at PSU		
MA 4140	Abstract Algebra (WRCO)	3
MA 4430	Numerical Analysis (TECO)	3
MA 4510	Introduction to Analysis	3
MA	Mathematics Electives	12 see PSU Catalog for list of courses
INCO	Integration Connection	3
	Elective	<u>3</u>
	Sub-total Credits for Year Four at PSU	<u>27</u>
	Total Credits taken at PSU	56