

**2+2 Agreement: Mathematics Major at Sunway University and  
BS in Mathematics at Plymouth State University**

<b>Years 1 and 2 and SUNWAY UNIVERSITY</b>		
<b>Course ID</b>	<b>Course Title</b>	<b>Credits</b>
CHEM 1033	General Chemistry	<i>and</i>
CHEM 1041	General Chemistry Laboratory	4
CSCP 1014	Programming I	4
MATH 1034	Calculus I	4
MATH 1044	Calculus II	4
MATH 1054	Discrete Mathematics Structure	3
MATH 2014	Calculus III	4
MATH 3014	Differential Equation	4
MATH 3024	Linear Algebra	4
PHYS 2014	Physics I	4
PHYS 2021	Physics I Lab	1
PHYS 2034	Physics II	4
PHYS 2041	Physics II Laboratory	1
General Education and Proficiency Courses		<u>15</u>
Area I:	THEA 1013 Introduction to Theatre	
Area II:	HIST 3013 Intellectual History of Modern West	
Area III:	HIST 1013 Multicultural America	
Area IV:	POLS 3013 Pacific Asia Today	
Area V:	Social and Behavioral Sciences	
Area VI:	Natural Science with Laboratory	
Area VII:	Natural Science and Technology	
COMM 1013	Public Speaking and Presentation Skills	
COMM 1023	Introduction to Human Communications	
CSCI 1013	Introduction to Computer Applications	
ENGL 2014	Introduction to Critical and Creative Writing	
MATH 1013	Finite Mathematics	
MATH 1024	Pre-calculus	
Total credits required for Mathematics at Sunway		56
<b>Years 3 and 4 at PLYMOUTH STATE UNVIERSITY</b>		
<b>Course ID</b>	<b>Course Title</b>	<b>Credits</b>
<u>Year Three at PSU</u>		
MA 2000	Introduction to Formal Mathematics (MATH)	3
MA 3110	Logic, Proofs, Axiomatic Systems (WRCO)	3
MA 3500	Probability and Statistics for Scientists	3
	Computer Science elective - complete one	2-4 CS 2370, or CS 2400 or CS 2470
CTDI	Creative Thought Direction	3
PPDI	Past and Present Direction	3
SSDI	Self and Society Direction	3
WECO	Wellness Connection	3
	Electives	<u>9-7</u>
	Sub-total Credits for Year Three at PSU	32
<u>Year Four at PSU</u>		
MA 4140	Abstract Algebra (WRCO)	3
MA 4430	Numerical Analysis (TECO)	3
MA 4510	Introduction to Analysis	3
	Mathematics electives	12 MA 3130, 3230, 3280, 3460, 4220, 4350
INCO	Integration Connection	3
	Electives	8
	Sub-total Credits for Year Four at PSU	<u>32</u>
	Total credits taken at PSU	64