

SUNY Orange Liberal Arts and Sciences, A.S. (Math & Natural Sciences Emphasis)		Pace University, Dyson School of Arts and Sciences Mathematics, B.A.	
Course Number and Title		Course Number and Title	Credits
<i>Major courses</i>			
<i>Recommended courses:</i>			
MAT 205 – Calculus I		MAT 131 – Calculus I	4
MAT 136 – Introduction to Discrete Mathematics		MAT 137 – Introduction to Discrete Mathematics	3
MAT 206 – Calculus II		MAT 132 – Calculus II	4
MAT 214 – Differential Equations		MAT 253 – Differential Equations	4
MAT 211 – Linear Algebra		MAT 238 – Linear Algebra	3
<i>Core:</i>			
ENG 101 – Freshman English I		ENG 110 – Composition	3
ENG 102 – Freshman English II		ENG 120 – Critical Writing	3
COM 101 – Fundamentals of Speech Comm.		COM 200 – Public Speaking	3
SUNY Social Science List		Core	3
SUNY Natural Science List		Core – Foundation	6-8
MAT 121 – College Algebra or higher or Liberal Arts Science		Core – Foundation	6-8
Restricted History Elective		Core	3
Electives		Electives	6
PES 100 – Concepts of Physical Wellness		Electives	.5
Physical Education		Electives	1.5
<i>Recommended courses:</i>			
CSC 101 Computer Science		CS 121 – Computer Programming I	3
Foreign Language (FRE, ITA, RUS or SPA)		Core – Foundation	6
		Total	62-64

Articulation Agreement executed in 2004.