

ROWAN COLLEGE OF SOUTH JERSEY
Associate in Science (A.S.)-Transfer
EQUINE SCIENCE
Semester Sequence of Courses

The Associate Degree in Equine Science will provide students with instruction and practical experience in the management, nutrition, physiology and care of horses and a strong foundation in biological, chemical and animal science principles. A major in equine science provides students with a broad curriculum in the sciences to consider a transfer option to a four-year institution or employment in the equine industry.

FIRST YEAR – Fall Semester

<u>Credits</u>			
___	ENG 101	English Composition I	3
___	BIO 101	General Biology I	4
___	BIO 116	Animal Science	4
___	MAT ___	Math Elective *	3-4
			14-15

Spring Semester

___	ENG 102	English Composition II	3
___	BIO 102	General Biology II	4
___	MAT ___	Math Elective *	4
___	BIO 115	Introduction to Equine Science	4
			15

SECOND YEAR- Fall Semester

___	BIO 216	Equine Capstone Practicum	3
___	CHM 111	General Chemistry I	4
___	ECO 101	Principles of Economics (Macro)	3
___	PSY 101	General Psychology	3
___	___ ___	Humanities Elective	3
			16

Spring Semester

___	CHM 112	General Chemistry II	4
___	ECO 102	Principles of Economics II (Micro)	3
___		Science Elective	4
___		Free Elective	3-4
___		HPE or Free Elective	1-3
			15-18

TOTAL MINIMUM CREDITS 60

* Students must select two math electives from the following: MAT 103, MAT 107 or MAT 108

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REQUIRED CORE AND ELECTIVE COURSES

<u>Communications</u>			<u>Credits</u>
English Composition I	ENG 101		3
English Composition II	ENG 102		3
Humanities			
Humanities Elective	_____		3
<u>Social Science</u>			
Principles of Economics I (Macro)	ECO 101		3
Principles of Economics II (Micro)	ECO 102		3
General Psychology	PSY 101		3
<u>Free Elective</u>			
Free Elective			3-4
HPE or Free Elective			1-3
Mathematics			
Statistics	MAT 103		
Pre-Calculus and Mathematical Analysis	MAT 107	<i>or</i>	4
Calculus I	MAT 108		
(two of above courses must be chosen)			
Science			
General Biology I	BIO 101		4
General Biology II	BIO 102		4
Animal Science	BIO 116		4
Introduction to Equine Science	BIO 115		4
General Chemistry I	CHM 111		4
General Chemistry II	CHM 112		4
Equine Capstone Practicum	BIO 216		3
Science Elective	_____		4
<u>TOTAL MINIMUM CREDITS:</u>			60