



# Equine Science, A.S.

[AS-ESC; CIP Code 01.0507]

## Associate in Science (A.S.) – Transfer

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 business 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.

### Program Learning Outcomes

Students who have completed the program will be able to:

- Demonstrate knowledge of theory and practical experience in anatomy, physiology, nutrition, behavior, health and reproduction of the horse
- Relate principles of science, technology and business to the equine industry while appraising and utilizing primary literature in written and oral communication
- Apply critical thinking and problem-solving skills to evaluating horses, horse management and facilities

### Program Contact

Emily Allen, Associate Professor, Biology  
eallen@rcsj.edu

Are you ready to get started at RCSJ?  
Visit [RCSJ.edu/Enroll](https://www.rcsj.edu/Enroll) and complete the interest form.

### FIRST YEAR – Fall Semester

<input type="checkbox"/> ENG 101 English Composition I or ENG 101E Enhanced English Composition I	3-4
<input type="checkbox"/> BIO 101 General Biology I	4
<input type="checkbox"/> BIO 116 Animal Science	4
<input type="checkbox"/> ____ Free elective	3-4
	14-16

### Spring Semester

<input type="checkbox"/> ENG 102 English Composition II	3
<input type="checkbox"/> BIO 102 General Biology II	4
<input type="checkbox"/> BIO 115 Introduction to Equine Science	4
<input type="checkbox"/> MAT 107 Pre-Calculus or MAT 108 Calculus	4
	15

### SECOND YEAR – Fall Semester

<input type="checkbox"/> CHM 111 General Chemistry I	4
<input type="checkbox"/> ECO 101 Principles of Economics (Macro)	3
<input type="checkbox"/> PSY 101 General Psychology	3
<input type="checkbox"/> ____ Humanities elective	3
<input type="checkbox"/> ____ Free elective	3-4
	16-17

### Spring Semester

<input type="checkbox"/> BIO 216 Equine Capstone Practicum	3
<input type="checkbox"/> CHM 112 General Chemistry II	4
<input type="checkbox"/> ECO 102 Principles of Economics II (Micro)	3
<input type="checkbox"/> ____ Lab Science elective*	4
<input type="checkbox"/> ____ HPE elective	1-3
	15-17

**TOTAL MINIMUM CREDITS: 60**

### Program Notes

Check requirements of transfer institution for elective selection.

This program is best suited for students to transfer to an animal or equine science program. Students who plan to attend a veterinary medicine doctoral program or who plan to transfer to Rowan University for biology should be Equine Science: Pre-Veterinary Medicine Option majors.