



[EQUASAS; 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 should 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

Equine Science, A.S.

FIRST YEAR – Fall Semester

☐ ENGL 101 English Composition I <i>or</i> ENGL 101E Enhanced English Composition I	3-4
☐ BIOL 101 General Biology I	4
☐ BIOL 120 Animal Science	4
☐ ____ Free Elective	3-4
	14-16

Spring Semester

☐ ENGL 102 English Composition II	3
☐ BIOL 102 General Biology II	4
☐ BIOL 118 Introduction to Equine Science	4
☐ MATH 120 Pre-Calculus and Mathematical Analysis <i>or</i> MATH 121 Pre-calculus Mathematics <i>or</i> MATH 130 Calculus I	4
	15

SECOND YEAR – Fall Semester

☐ CHEM 101 General Chemistry I	4
☐ ECON 101 Principles of Economics (Macro)	3
☐ PSYC 101 General Psychology	3
☐ ____ General Education Humanities Elective	3
☐ ____ Free Elective	3-4
	16-17

Spring Semester

☐ BIOL 218 Equine Capstone Practicum	3
☐ CHEM 102 General Chemistry II	4
☐ ECON 102 Principles of Economics (Micro)	3
☐ ____ General Education Lab Science Elective	4
☐ ____ HPER 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.

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