

Santa Rosa Junior College  
 New Program of Study Application  
 Cover Page

**Basic information:**

<b>Proposed Program Title:</b> Pre-Veterinary Studies	<b>Submitter:</b> Dan Famini
<b>Program Type:</b> Associate of Science Degree (at least 18 units)	
<b>TOP Code:</b> 010210 <b>Career Technical Education (CTE):</b> Yes <b>Total Program Units:</b> 35.50	
<b>Summary of new program costs:</b> None	
<b>Why is this certificate/major needed:</b> Veterinary Medicine is an aspirational career field and there are passionate pre-veterinary students at Santa Rosa Junior College. This is a strong, stable, growing, recession-resistant industry in great need of educated employees. The educational pathway towards becoming veterinary are counter-intuitive to the assumptions of most students entering the SRJC from the local high schools. Unlike other health fields, here is currently a deficit in the SRJC system to provide Pre-Veterinary students with both industry-specific accurate insight, and a sense of community.	
<b>For CTE only, brief summary of labor market information:</b> Centers of Excellence projects 31 annual openings in Sonoma County	

**Checklist of Attachments:**

<b>All Applications:</b> <input type="checkbox"/> <a href="#">Recommended Course Sequence</a> *
<b>For Programs in a Career Education TOP Code only, include the following attachments:</b> <input checked="" type="checkbox"/> Advisory committee <b>roster</b> including: First names, last names, titles, companies and contact information <input checked="" type="checkbox"/> Advisory committee <b>minutes</b> where the advisory committee recommends the College create the proposed program <input type="checkbox"/> Bay Area Community College Consortium Recommendation and <a href="#">Labor Market Information, including job titles</a> (not required for Skills Certificates)*
<b>For Associate Degrees for Transfer (based on State-Approved Transfer Model Curriculum) only:</b> <input type="checkbox"/> Only complete Items #1 & #2 in the Narrative section <input type="checkbox"/> Include Transfer Model Curriculum Template* <input type="checkbox"/> Attach applicable C-ID & ASSIST transfer documentation*

*\*Can be obtained after AAC review. Curriculum office can also assist with this documentation.*

- After obtaining department chair & dean support, submit application to:  
**Adrienne Leihy, Curriculum Technician, [aleihy@santarosa.edu](mailto:aleihy@santarosa.edu)**

**For Curriculum Office Use**

After AAC recommendation:

- EPCC  Majors & Certificate Review  BACCC

Final Approvals:

- CRC  Board of Trustees  CCCCCO

# Santa Rosa Junior College

Pre-Veterinary Studies, Associate of Science Degree (at least 18 units)

## Narrative Items 1 – 7

### Item 1. Program Goals and Objectives

#### 1. Statement of Program Goals and Objectives:

- 1) Demonstrate understanding of the veterinary medical career field and generate a personal academic and occupational plan.
- 2) Demonstrate an understanding of foundational concepts in the fields of biology, chemistry and statistics to prepare students towards admissions into a veterinary school.

### Item 2. Catalog Description

The Pre-Veterinary Studies major is designed to provide insight into the veterinary career field, and a solid foundation in the required science courses for students with a goal of attending the UC Davis School of Veterinary Medicine.

Veterinaries have DVM (Doctorate of Veterinary Medicine) degrees from one of 30 Veterinary Schools in the United States. This is a graduate degree and most students will earn a Bachelor's Degree as part of their journey towards veterinary school. Each veterinary school has slightly different pre-requisite requirements. Since a student's state of residency has a major impact on likelihood of admission for most schools, the Santa Rosa Junior College Pre-Veterinary major is modeled after the requirements for UC Davis. Students are encouraged to review the requirements of different schools through the Association of American Veterinary Medical College's website ([aavmc.org](http://aavmc.org)).

### Item 3. Program Requirements

R	ANHLT 101	Introduction to Veterinary Careers	1.50
R	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	5.00
R	BIO 2.2	Fundamentals of Biology (Evolution, Genetics, and Zoology)	5.00
R	BIO 2.3	Fundamentals of Biology (Botany and Ecology)	5.00
R	CHEM 3A	General Chemistry Part 1: Lecture	3.00
R	CHEM 3AL	General Chemistry Part 1: Lab	2.00
R	CHEM 3B	General Chemistry Part 2	5.00
R	MATH 15	Elementary Statistics	4.00
Complete at least 5.00 units from below:			
RE	CHEM 8	Introductory Organic Chemistry	5.00
RE	CHEM 12A &	Organic Chemistry	5.00
	CHEM 12B	Organic Chemistry	5.00

### Item 4. Master Planning

This major provides a clear pathway for students for into veterinary school and is modeled after UC Davis's lower division prerequisite admission requirements to their School of Veterinary medicine.

## Santa Rosa Junior College

Pre-Veterinary Studies, Associate of Science Degree (at least 18 units)

### Narrative Items 1 – 7

At Santa Rosa Junior College, faculty members with discipline expertise develop all certificates and majors. For AA-T and AS-T degrees, faculty members with appropriate expertise determine which courses align with the C-ID descriptors. The Supervising Administrator(s) then review the application to assure that it aligns with Chancellor's Office criteria for approval and SRJC guidelines for financial feasibility and community need. The Majors & Certificate Review Committee reviews the application and suggests any changes to assure than all guidelines have been observed. The item is then placed on the Curriculum Review Committee agenda for approval, and when approved, is submitted for approval by the Board of Trustees.

#### **Item 5. Enrollment and Completer Projections**

5-10

#### **Item 6. Place of Program in Curriculum/Similar Programs**

This major shares coursework with existing majors: Biology, Natural Sciences, Agriculture Animal Science, and several others.

#### **Item 7. Similar Programs at Other Colleges in Service Area**

College of Marin, over 40 miles away, does not offer a Pre-Veterinary program. Napa Valley College, over 40 miles away, does not offer a Pre-Veterinary program.