



**FACULTY OF VETERINARY MEDICINE**  
**Teaching Assistant Support Opportunity (GAT)**

**COURSE DETAILS**

Course number and name:	VETM 605: Introduction to Biostatistical Methods
University of Calgary calendar course description:	Analysis and design of research related to biological sciences. Emphasis is placed upon formulating good research questions, evaluating the appropriateness of different statistical methods for analyzing results, and performing and interpreting such statistical analyses. Statistical analyses will be carried out using modern statistical software.
Course coordinator:	Dr. Rob Deardon
Semester and year:	Fall 2025

**DETAILS OF POSITION**

**A. Position Duties**

- Provide support at tutorials and lectures;
- Assist with grading of assignments and take home exam;
- Hold weekly office hours for student consultations.

**B. Please calculate the hours of work per semester:**

<i>Attendance at lectures/tutorials/labs</i>	h/week	3
	# weeks	11
	<b>TOTAL TIME</b>	<b>33</b>
<i>Grading</i>	h/assignment	25
	# assignment	5
	<b>TOTAL TIME</b>	<b>125</b>
<i>Preparation for Lecturing/Tutoring</i>	prep time	6
	# lectures	13
	<b>TOTAL TIME</b>	<b>78</b>
<i>Office Hours</i>	h/week	1
	# weeks	12
	<b>TOTAL TIME</b>	<b>12</b>
<i>Other</i>	<b>TOTAL TIME</b>	<b>0</b>
<b>TOTAL HOURS</b>		<b>209</b>



## **POSITION QUALIFICATIONS**

### **A. Required education and skills:**

- Must have previously completed this course (VET702) and received an (A) grade or better
- Student must be a PhD candidate

### **B. Beneficial education and skills for this position:**

- It is preferable if the applicant is doing thesis work in a laboratory that is a member of the Reproduction and Regenerative Medicine Theme Group within the Faculty of Veterinary Medicine.
- Students enrolled in the Stem Cells and Regenerative Medicine Specialization are also preferred.

### **C. What is the added value of this TA position to your course? How does this improve student engagement and learning experience?**

The applicant will be provided with the opportunity to give one lecture in which they guide group discussion on two different research papers and provide critical feedback on student in-class presentations. If appropriate, they may also provide a lecture on their thesis topic pertaining to some aspect of stem cell biology and regenerative medicine. Hence this will provide the TA with unique teaching opportunities. The course coordinator will be in attendance to provide formal assessment in both the lecture session as well as the student discussion session, thereby providing formative advice on teaching and mentorship. For the midterm paper assignment, the student will read each assignment and provide feedback which will be compared/contrasted with the instructor's individual assessments. All course grading will be done by the instructor. This exercise will provide instruction to the GAT on performance expectations and development of a grading rubric. The student will be exposed to various teaching styles (the course is team taught) and will gain valuable experience in course design, organization and evaluation practices.

## **HOW TO APPLY**

Applications can be submitted by completing the [application form](#)

Application deadline: **July 18, 2025**



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**Teaching Assistant Support Opportunity (GAT)**

**COURSE DETAILS**

Course number and name:	VETM 702: Advanced Topics in Stem Cell & Regenerative Medicine
University of Calgary calendar course description:	Provides a comprehensive overview of stem cell biology in the context of embryonic development and adult tissue maintenance. Students will gain an appreciation for embryonic versus adult stem cells and how these pluripotent or multipotent cells may be utilized in regenerative medicine (i.e. treatment of congenital defects, diseases or injury).
Course coordinator:	Dr. Jeff Biernaskie
Semester and year:	Winter 2026

**DETAILS OF POSITION**

**A. Position Duties**

<ul style="list-style-type: none"> <li>• Attending all <u>Thursday</u> lectures to take notes and summarize the material covered by each instructor (team taught) to know what can be examined and expected in assignments and final exam.</li> <li>• Attend all <u>Tuesday</u> discussion/presentation sessions to observe and report on student participation, and student performance/progress over the semester particularly regarding their weekly student presentations.</li> <li>• Post e-links to assigned weekly student readings</li> <li>• Provide students with informal guidance and constructive criticism regarding their presentations (in addition to that received from instructors and the course coordinator)</li> <li>• Together with the Course Coordinator, the GAT will read the midterm written assignment and provide feedback</li> <li>• The graduate assistant will have the opportunity to provide one lecture in their area of expertise (and will be provided constructive feedback from the course coordinator who will be in attendance)</li> </ul>
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**B. Please calculate the hours of work per semester:**

<i>Attendance at lectures/tutorials/labs</i>	h/week	2.5
	# weeks	12
	<b>TOTAL TIME</b>	<b>30</b>
<i>Preparation for Lecturing/Tutoring</i>	prep time	6
	# lectures	1
	<b>TOTAL TIME</b>	<b>6</b>
<i>Grading</i>	h/assignment	10
	# of assignments	1
	<b>TOTAL TIME</b>	<b>10</b>
<i>Other</i>	<b>TOTAL TIME</b>	<b>5</b>
<b>TOTAL HOURS</b>		<b>51</b>



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