



POPM*6950 Studies in Population Medicine - Alternate Therapies Swine

Summer 2020

Section(s): 01

Department of Population Medicine

Credit Weight: 0.50

Version 1.00 – May 1, 2020

1. Course Details

1.1 Calendar Description

Assigned reading and/or special projects selected to provide in-depth study of topics appropriate to the specialized interests of individual students. Courses offered under this title have included Special Topics in Public Health; Ecology and Health; Systems Approaches; and Animal Welfare. Different offerings are assigned different section numbers. Department(s): Department of Population Medicine

1.2 Timetable

Wednesday mornings 9am-11am, on-line.

2. Instructional Support

2.1 Instructor(s)

Course Co-ordinator: Robert Friendship

email:rfriends@uoguelph.ca

Telephone: +1-519-824-4120 x54022

Office: CLRE 103

3. Learning Resources

3.1 Recommended Resource(s)

Textbooks: e.g. Diseases of Swine, 11th ed, edited by Zimmerman et al. Wiley Blackwell, 2019.

Course notes and copies of power point presentations created by R. M Friendship

Journals (Articles): There are multiple journals that publish applied swine health research that will be helpful in this course including: Journal of Swine Health Management and The Porcine Health Management Journal

Websites: Thepigsite.com and AASV.org are of particular interest

4. Learning Outcomes

4.1 Course Learning Outcomes

By the end of this course, you should be able to:

1. Describe the housing and management of pigs in a farrow-to-finish swine operation and be able to interpret basic production records
2. Analyse clinical case details to diagnose common diseases of the swine nursery phase
3. Conduct a scoping review of alternative therapies for post-weaning E. coli diarrhea

5. Teaching and Learning Activities

Instructional time: Wednesdays 9am to 11 am

Teaching Strategy: The course will be conducted on-line with emphasis for self-directed learning. The instructional time will primarily be used to discuss assignments and go over questions arising from the self-study work. The conduction of a scoping review will be the major assignment for the course

5.1 Schedule

Date	Topic
May 13	Overall view of pork production and pig biology
May 20	Breeding and Gestation
May 27	Farrowing
June 3	Nursery
June 10	Grower-Finisher
June 17	Respiratory Diseases
June 24	Enteric Diseases
July 8	Antibiotics and alternative therapies
July 15	Undertaking a scoping review
July 22	Progress report
July 29	Progress report

6. Assessments

The weekly assignments will account for 25% of the course mark. A final exam (date to be determined) will make up 25% of the final grade and a term paper based on a literature review will count for the remaining 50%. The grading of the final exam/assignment will be done in consultation with the course instructor and another faculty member.

7. University Statements

7.1 Email Communication

As per university regulations, all students are required to check their e-mail account regularly: e-mail is the official route of communication between the University and its students.

7.2 When You Cannot Meet a Course Requirement

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. The regulations and procedures for [Academic Consideration](#) are detailed in the Graduate Calendar.

7.3 Drop Date

Courses that are one semester long must be dropped by the end of the fortieth class day; two-semester courses must be dropped by the last day of the add period in the second semester. The regulations and procedures for [Dropping Courses](#) are available in the Graduate Calendar.

7.4 Copies of Out-of-class Assignments

Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

8.5 Accessibility

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student. When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required, however, interim accommodations may be possible while that process is underway. Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability. Use of the SAS Exam Centre requires students to book their exams at least 7 days in advance, and not later than the 40th Class Day. More information: www.uoguelph.ca/sas

8.6 Academic Misconduct

The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection. Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor. The [Academic Misconduct Policy](#) is detailed in the Undergraduate Calendar.

8.7 Recording of Materials

Presentations which are made in relation to course work—including lectures—cannot be recorded or copied without the permission of the presenter, whether the instructor, a classmate or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

8.8 Resources

The [Academic Calendars](#) are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs.