

**MICR302**  
**Molecular Microbiology**  
**Summer 2015**

**Class time/location:** Mon., Wed., Thurs., 10:30 – 12:20, ECS 116

**Instructor:** Dr. Doug Briant

**Office hours:** Monday and Thursday, 12:30 – 1:30

**Room:** Petch 227

**e-mail:** dbriant@uvic.ca

**Instructor:** Dr. Chris Nelson

**Office hours:** July 17-22, 1:30-3:30

**Room:** Petch 270

**e-mail:** cjn@uvic.ca

***Textbook:*** Since the course material is as up-to-date as possible, there is no course textbook. Much of the source material (papers) will be provided on-line in o0 0 e(d)(o) 0 45 4

**Important dates and evaluation:**

EVALUATION	Date
1% mini assignment 1	<b><i>In class, electronic group submission, for participation mark only</i></b> Monday, July 27
1% mini assignment 2	<b><i>In class, electronic group submission, for participation mark only</i></b> Monday, August 10

***Tentative Class Schedule:***

<b><i>Topic</i></b>	<b><i>Overview</i></b>
<b>1</b> <b><i>Introduction</i></b>	
<b>2</b> <b><i>DNA</i></b>	
a) Gene structure and expression	bacterial gene architecture, factors, comparison between prokaryotic and eukaryotic systems
<b>3</b> <b><i>RNA</i></b>	
a) Stability and processing	mRNA decay, processing stable RNA transcripts
b) Riboswitches	overview of riboswitches
c) CRISPR	RNA silencing in prokaryotes
<b>4</b> <b><i>Protein</i></b>	

## **DEPARTMENT INFORMATION AND POLICIES**

1. The Department of Biochemistry and Microbiology upholds and enforces the University's policies on plagiarism and cheating. These policies are described in the current University Calendar. All students are advised to read this section.
2. Cell phones, computers and other electronic devices must be turned off at all times unless being used for a purpose relevant to the class. Students having a cell phone, tablet, or computer on their person during an exam will be assumed to have it for the purpose of cheating.
3. Any recordings of lectures may only be performed with written permission of the instructor, and are for personal use only. The instructor retains copyright to such recordings and all lecture materials provided for the class (electronic and otherwise); these materials must not be shared or reposted on the Internet.
4. Students are expected to be present for the midterm and final exams. Instructors may grant deferrals for midterm examinations for illness, accident, or family affliction, and students must provide appropriate documentation 48 hours after the midterm exam. The deferred exam must be written within five business days of the original exam. The Department of Biochemistry and Microbiology considers it a breach of academic integrity for a student taking a deferred examination to discuss the exam with classmates. Similarly, students who reveal the contents of an examination to students taking a deferred examination are considered to be in violation of the University of Victoria policy on academic integrity (see current University Calendar). Deferral of a final exam must be requested with an Academic Concession form and submitted directly to Undergraduate Records. Deferred final exams for fall term courses will be arranged by the instructor. Deferred final exams for spring term courses will be arranged through Undergraduate Records and must be written before the end of the summer term as stipulated in the University Calendar.
5. Scan sheets for multiple choice exams (bubble sheets) will not be made available for review. Therefore, in addition to filling in answers on the scan sheet, students should also circle their answers in ink on their exam.
6. Professors will not review/remark exams not written in indelible ink. In addition, requests for review/remark of a midterm exam must be made in writing within one week of the exam being returned. Students are expected to promptly pick up midterm exams after marking has been completed, either in class or from the instructor.
7. Examination papers that have pages removed, or are mutilated will not be marked.