

MICR303: IMMUNOLOGY
COURSE OUTLINE SUMMER 2020

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INSTRUCTOR

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	(Elements of Ch. 4,5,6,7,9,10)
4. Immunological memory	Memory B/T cells (Ch. 11)
5. Vaccination	Example composition, methods (Ch. 16)
6. Generation of tolerance and regulatory mechanisms	B, T cell development, central and peripheral tolerance and mechanisms preventing auto-reactivity (Ch. 8)
7. Autoimmunity	Disorders associated with the immune system attacking self; underlying factors, including defects in tolerance. (Ch. 15)
8. Immunity at mucosal surfaces	Immunology of the mucosal system and host-microbiota interactions. (Ch.12)
9. Hypersensitivity and Allergy	Allergy and allergic diseases; relationship with the microbiota (Ch. 14)
10. Immunity to infectious pathogens and pathogen evasion strategies	Immune responses to select bacterial, parasitic and viral pathogens; mechanisms by which pathogens evade the immune system. (Ch. 13)
11. Tumor immunology	Tumor immune environment, immunotherapy

**a single topic may span several lectures*

ASSESSMENT OF STUDENT PERFORMANCE

(1) Techniques to be used:

- Grading of multiple choice, matching, short answer and longer answer questions on exams and quizzes, and assignment of a numerical mark to each question.
- Exams are based on material covered in lectures and synchronous sessions (slides, whiteboard, discussions). Lectures are based on information from the text and other sources. Textbook reading is

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