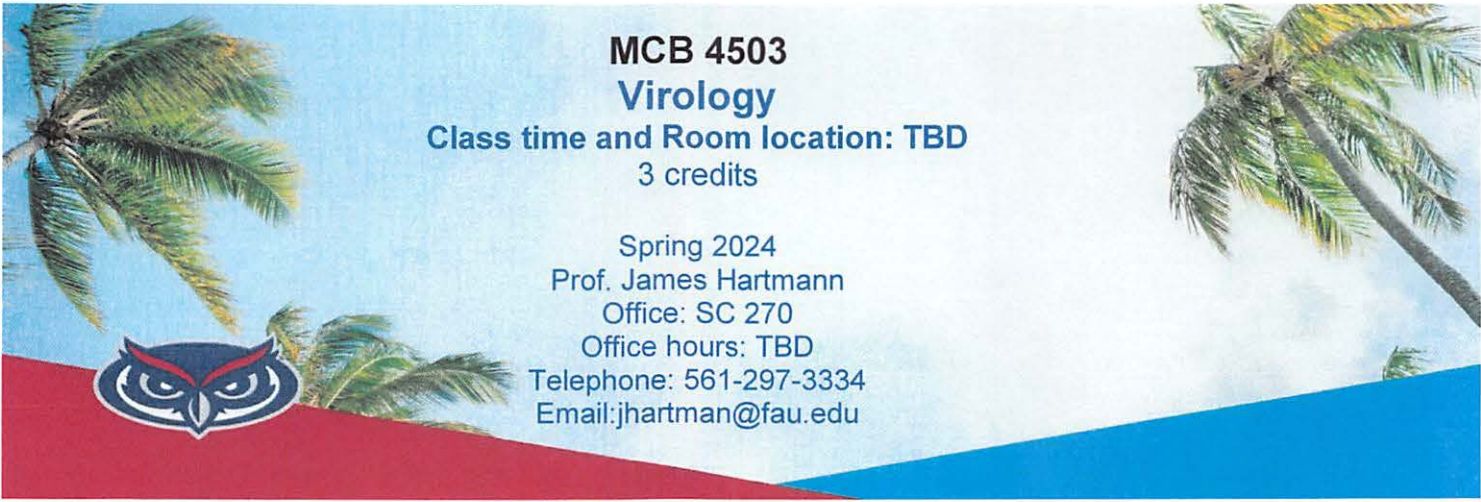
 FLORIDA ATLANTIC UNIVERSITY	COURSE CHANGE REQUEST Undergraduate Programs		UUPC Approval <u>9/11/2023</u> UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	Department Biological Science College Charles E. Schmidt College of Science		
Current Course Prefix and Number MCB 4503		Current Course Title Virology	
<i>Syllabus must be attached for ANY changes to current course details. See Template. Please consult and list departments that may be affected by the changes; attach documentation.</i>			
Change title to: Change prefix From: _____ To: _____ Change course number From: _____ To: _____ Change credits* From: _____ To: _____ Change grading From: _____ To: _____ Change WAC/Gordon Rule status** Add <input type="checkbox"/> Remove <input type="checkbox"/> Change General Education Requirements*** Add <input type="checkbox"/> Remove <input type="checkbox"/> <small>*See Definition of a Credit Hour.</small> <small>**WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to this form. See WAC Guidelines.</small> <small>***GE criteria must be indicated in syllabus and approval attached to this form. See Intellectual Foundations Guidelines.</small>		Change description to: Change prerequisites/minimum grades to: Remove BCH 3033 Change corequisites to: Change registration controls to: Please list existing and new pre/corequisites, specify AND or OR and include minimum passing grade (default is D-).	
Effective Term/Year for Changes: Spring 2024		Terminate course? Effective Term/Year for Termination:	
Faculty Contact/Email/Phone James Hartmann 561-297-3334-jhartman@fau.edu			
Approved by Department Chair <u>Sarah L. Mulligan</u> College Curriculum Chair <u>[Signature]</u> College Dean <u>[Signature]</u> UUPC Chair <u>Korey Serge</u> Undergraduate Studies Dean <u>Dan Meeroff</u> UFS President _____ Provost _____		Date <u>8-22-23</u> <u>8/31/23</u> <u>8/31/2023</u> <u>9/11/2023</u> <u>9/11/2023</u> _____ _____	

Email this form and syllabus to mjennin@fau.edu seven business days before the UUPC meeting.



MCB 4503

Virology

Class time and Room location: TBD

3 credits

Spring 2024

Prof. James Hartmann

Office: SC 270

Office hours: TBD

Telephone: 561-297-3334

Email: jhartman@fau.edu



TA name	xxxxxx xxxxxxxxxx
Office	xxxxxxx
Office hours	MWF xx:xx – xx:xx
Telephone	561-297-xxxx
Email	xxxxxx@fau.edu

Course Description

An in-depth examination of the physical and structural characteristics, and the methods of replication of mammalian viruses. Viral pathogenesis, immunology, antiviral therapy, transformation, prions, and a detailed examination of human pathogenic viruses.

Instructional Method

This is an **in-person course** with examinations accessible through FAU’s learning management system, Canvas. You **must sign in on paper in the classroom and provide an ID in order to get credit for an exam** and take the exam through canvas. You must log into Canvas with your FAU ID and Password to access the online examinations in this course. If you do not know your FAU ID or Password, [contact OIT for help](#).

The course is organized into modules whereby you will open a new learning module to access the assigned reading materials, videos, presentations, and other relevant materials for each subsequent module.

Prerequisites/Corequisites MCB 3020,3020L

Course Objectives/Student Learning Outcomes

1. Understand the essential concepts behind the isolation, cultivation of viruses/viroids/prions and their structure, properties, replication.
2. Comprehend the types of infections, diseases and immune responses to viruses
3. Learn how vaccines and chemotherapies for viral diseases are developed and tested

Policy on Makeup Tests, Late Work, and Incompletes (if applicable)

No Make-ups for quizzed but I will drop your lowest or missed quiz. Make-up exams will only be given if a written medical excuse or official activity provided. If you have a medical or family emergency please contact me as soon as possible.

Reasonable accommodation will be made for students participating in a religious observance. Also, note that grades of Incomplete ("I") are reserved for students who are passing a course but have not completed all the required work because of exceptional circumstances

LATE ASSIGNMENTS POLICY

Please note that students cannot be penalized for absences due to participation in University-approved activities, including athletic or scholastics teams, musical and theatrical performances, and debate activities. Instructors must allow these students to make up missed work without any reduction in the student's final course grade.

Policy on the Recording of Lectures

You may record all my lectures in order to study.

Attendance Policy

Students are expected to attend all of their scheduled University classes and to satisfy all academic objectives as outlined by the instructor. The effect of absences upon grades is determined by the instructor, and the University reserves the right to deal at any time with individual cases of non-attendance. Students are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal obligations or participation in University-approved activities. Examples of University-approved reasons for absences include participating on an athletic or scholastic team, musical and theatrical performances and debate activities. It is the student's responsibility to give the instructor notice prior to any anticipated absences and within a reasonable amount of time after an unanticipated absence, ordinarily by the next scheduled class meeting. Instructors must allow each student who is absent for a University-approved reason the

opportunity to make up work missed without any reduction in the student's final course grade as a direct result of such absence.

Counseling and Psychological Services (CAPS) Center

Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>

Disability Policy

In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie and Jupiter – however disability services are available for students on all campuses. For more information, please visit the SAS website at www.fau.edu/sas/.

Code of Academic Integrity

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see [University Regulation 4.001](#).

Required Texts/Readings

. Essential Human Virology by Jennifer Louten first edition

Paperback ISBN: 9780128009475

Ebook ISBN: 9780128011713

Supplementary/Recommended Readings (if applicable)

Textbook of Medical Virology 1st edition 2018 Virology Principles and Applications. 2nd edition 2013 Principles of Virology 4th edition volumes 1 and 2 2015 Medical Virology Fenner and White 5th edition 2016

Course Topical Outline-

Schedule is subject to change- your responsibility to come to class or check with a classmate for exam date changes: they usually do.

Week 1	The World of Viruses: coronavirus pandemic	Chapter 1- pg 2-18	Practice Syllabus quiz in classroom for 1point
	Virus structure & classification	Chapter 2	Review
	Features of Host Cells: review	Chapter 3	Quiz- 3 points
Week 2	Virus Replication	Chapter 4	
Week 3	Virus Transmission & Epidemiology	Chapter 5	
Week 4	Immune Responses to Viruses	Chapter 6	Quiz – 3 points
Week 5	Exam 1 Chapters 1-6	Review chapters	
Week 6	Detection and Diagnosis of Viruses	Chapter 7	
Week 7	Vaccines, Antivirals and Uses viruses	Chapter 8	
	Viruses and Cancer	Chapter 9	
Week 8	Influenza	Chapter 10	Quiz-3 points
	Human Immunodeficiency Virus	Chapter 11	
	Exam 2	Chapters 7-11	
Week 9	Hepatitis Virus	Chapter 12	
Week 10	Herpesviruses	Chapter 13	Quiz- 3 points
Week 11	Poliovirus	Chapter 14	
Week 12	Poxviruses	Chapter 15	
Week 13	Emerging/re-emerging viruses Ebola, Zika, Notable re-emerging virus diseases	Chapter 16	Quiz 3 points
Week 14	Coronaviruses, Prions and Viroid's	Review chapters	
Week 15	Exam 3	Chapters 12-16	

Course Evaluation Method

Quizzes 8 x 3 pts each	25 points (dates maybe change)
Three exams 80 pts each	240 points (dates may change)
Total points	265 = 100%
Percentage grade:	Your total points/265 x 100%

Course Grading Scale

GRADE SCALE

Grade	Percentage (%)
A	93 – 100%
A-	90 – 92%
B+	87 – 89%
B	83 – 86%
B-	80 – 82%
C+	77 – 79%
C	73 – 76%
C-	70 – 72%
D+	67 – 69%
D	63 – 66%
D-	60 – 62%
F	0 – 59%