

Title: Advanced General Virology (CRN: VIR-1070). Syllabus and important dates.**Date: Wednesday, March 25, 2020.**

Week	Dates@	Subject	Special Notes
1	Monday	- Why do we study viruses? How viruses impact the earth and all its inhabitants. - Discuss course syllabus, policy, and requirements.	Please check my University Scholar Website.
1	Wednesday	Virion structure: a functional description	Think about topics related to epidemiology and zoonosis that are based on the molecular structure of the virus.
2	Monday	Virus classification: how it's done, and what can't be done.	Think about a topic for your experimental design. Make sure it is related to basic virology.
2	Wednesday	Virus replication and morphogenesis: Selected models.	Try sending you report title to me. If you do have an experimental design in mind send it as well. If not, send me questions regarding the difficulties you are having.
3	Monday	The interplay between viral pathogenesis and immunogenesis (Select models of pathogenesis)	Try sending your report outline to me.
3	Wednesday	The interplay between viral pathogenesis and immunogenesis (The danger theory)	It is time to send your report content.
4	Monday	The interplay between viral pathogenesis and immunogenesis (Evasion of host immune responses)	Discuss your edited report contents online.
4	Wednesday	Mutation and evolution of viruses (The influenza virus model).	Experimental design first draft must be sent.
5	Monday	Epidemiology and Zoonoses.	Experimental design draft must be discussed online.
5	Wednesday	Control of viral infections (Vaccines and Antivirus drugs)	Assignments are due.
6	Monday	Review	Assignments are due.
?	?	Projected Exam Date.	Good luck.

@There is a fair amount of uncertainty at this stage. The exam schedule will be sent when the administration has set it.

Notice: Due to the delays and confusion caused by the COVID-19 pandemic, we will try to accelerate the coursework. I will be expecting you to contact each other and myself at least twice a week. When a web meeting is required, I will try to schedule an online meeting using suitable technology. You will have to work online together.

At the end of each week, I expect you to assemble a set of 20 questions that can be part of your exams. This is going to be in the form of group activity. Do it online! The exercise will keep you on track in these unprecedented times. It will also help you understand the required concepts.

I will support you at all times. Learn, understand, and help humanity.
Stay safe. Stay home.

Ausama