This is a 4 credit lecture and seminar format course intended for advanced undergraduate Biology majors and graduate students who have had a basic course in molecular and cellular biology. The Course Director, <carol.reiss@nyu.edu>, can be reached by email and by appointment.

Readings will consist of review articles and peer reviewed research articles; these will be assigned weekly and posted on NYU Classes.

Students are expected to participate in class discussions (10% of grade). Additional evaluations will be based on a Midterm (30% of grade; 10/27/15), 10-minute power point presentation in class (30% of grade) and a Final exam (30% of class grade; date 12/22/15).

The topic of the power point presentation must be submitted in writing and be approved by the Course Director by 10/23/15 and the slide set submitted by 3PM on Friday 12/4/15. The Course Director will determine the order and date of presentations. [If fewer than 12 students enroll, only one date will be needed for the talks, and the final exam will advance one week.]

9/8/15 Biology of Viruses; Innate and Adaptive Immunity
9/15/15 Viral Evasion of host responses to infections
9/22/15 Picornaviruses, Rotavirus, & Norovirus
9/29/15 Influenza – guest lecturer Prof. Elodie Ghedin
10/6/15 Paramyxoviruses: Measles & Respiratory Syncytial Virus
10/20/15 Arboviruses
10/27/15 Rabies, MIDTERM
11/3/15 Coronavirus, Ebola and other emerging infections
11/10/15 Human retroviruses & HIV
11/17/15 Adenovirus, Papillomaviruses
11/24/15 $\alpha, \beta, \gamma$ Herpes viruses; Poxviruses
12/1/15 Viral hepatitis
12/8/15 Student power point presentations (10 min)
12/15/15 Student power point presentations (10 min)
12/22/15 Final exam

4/14/15 Note that 10/13 is a Legislative Monday, no class