

## **CURRICULUM FOR STUDENTS ENTERING THE DEPARTMENT OF INFECTIOUS DISEASES MASTERS PROGRAM**

### **Semester 1**

Biochemistry (BCMB 6010; 4 cr.)  
Immunology (CBIO/IDIS 6100; 3 cr.)  
Infectious Diseases Seminar (IDIS 8160; 1 cr.)  
Journal Club-Immunology (IDIS 8550; 1 cr.)  
Research (IDIS 7000; 3 cr.)

### **Semester 2**

Advanced Infectious Diseases (IDIS 8010; 4 cr.)  
Research Ethics (GENE 8650; 1 cr.)  
Infectious Diseases Seminar (IDIS 8160; 1 cr.)  
Journal Club-Virology (IDIS 8590; 1 cr.)  
Research (IDIS 7000; 5 cr.)

### **Semester 3**

Introductory Biostatistics I (BIOS 7010; 3 cr.) (or POPH 8310 Population Health Medical Statistics, offered summer semester odd years)  
Infectious Diseases Seminar (IDIS 8160; 1 cr.)  
Journal Club-Bacteriology (IDIS 8540; 1 cr.)  
Research; (IDIS 7000; 6 cr.)

### **Semester 4**

Elective(s) if necessary  
Infectious Diseases Seminar (IDIS 8160; 1 cr.)  
Journal Club-Parasitology (IDIS 8250; 1 cr.)  
Research (IDIS 7000)

### **Elective Courses**

Advanced Virology, IDIS 8591, offered every spring semester  
Microbial Genetics and Genomics, IDIS 6450, offered every fall semester  
Advanced Immunology I, CBIO 8100, offered every odd year spring semester  
Advanced Immunology II, IDIS 8300, offered every even year spring semester  
Principles and Research Applications of Flow Cytometry, IDIS 8350, offered odd years spring semester  
Advanced Molecular Techniques, IDIS 8080L, offered every even maymester  
Helminthology, IDIS 8030, offered every odd year spring semester  
Viral Pathogenesis, IDIS 8150, every even year fall semester  
Cellular Pathology, VPAT 8020, not offered on a regular basis  
Avian Virus Diseases, POPH 8050, offered every year fall semester  
Avian Diagnostic Microbiology, POPH 7060, offered every year spring semester  
Viral Zoonoses, MIBO/POPH 4650/6650, offered every year fall semester

Population Health Statistics I, POPH 8310L, offered every odd year summer semester  
 Population Health Statistics II, POPH 8320L, offered every odd year fall semester  
 Introductory Biostatistics II, BIOS 7020, offered every year spring semester  
 Nucleic Acids, GENE 8920, offered every year fall semester  
 Molecular Cell Biology, CBIO 8010, offered every year fall semester  
 Biology of Parasitism, CBIO 8500, offered every odd year spring semester

Year	Fall	Spring	Summer/Maymester
Every	IDIS 6450, POPH 8050, MIBO/POPH 4650/6650, GENE 8920, CBIO 8010,	IDIS 8591, POPH 7060, BIOS 7020,	
Even	IDIS 8150,	IDIS 8300, POPH 7060,	IDIS 8080L
Odd	POPH 8320L,	CBIO 8100, IDIS 8030, POPH 7060, CBIO 8500, IDIS 8350	POPH 8310L

The following 5000 level courses may be accepted in some programs of study if approved by the student's graduate committee. These courses do not satisfy requirements for 6000 or 8000 level courses.

Veterinary Virology, IDIS 5140, every year spring semester  
 Veterinary Bacteriology/Mycology, IDIS 5130, every year fall semester  
 Veterinary Parasitology, IDIS 5200, every year fall semester

\*Medical Population Health Statistics I (POPH 8310L) would be acceptable to fulfill the Biostatistics requirement, however, it will only be offered every other summer semester beginning in 2007. BIOS 7010 is the only introductory level course available in the fall time slot.