

## SAMPLE CURRICULUM FOR REGISTRATION FOR MIP PROGRAM (Ph.D.)

### Fall – year 1 (15 credits; 12 credits letter grade)

INTER 111	Biochemistry	4 credits	Grade
INTER 121	Cell & Mol Biol A	2 credits	Grade
INTER 122	Cell & Mol Biol B	3 credits	Grade
MICRO 224	Introduction to Microbial Pathogenesis	3 credits	Grade
MICRO 228	Laboratory Rotations	3 credits	Pass/Fail

**Satisfactory progress:** GPA  $\geq$  3.0; >B in MICRO 224 and satisfactory review from laboratory rotation

### Spring – year 1 (12 credits; 9 credits letter grade)

MICRO 225	Advanced Medical Bacteriology	3 credits	Grade
MICRO 276	Gen & Molecular Virology	3 credits	Grade
MICRO 296	Fundamentals in Immunology	3 credits	Grade
MICRO 228	Lab Rotations in Microbiology	3 credits	Pass/Fail

**Satisfactory progress:** GPA  $\geq$  3.0;  $\geq$  B in MICRO courses and satisfactory reviews from laboratory rotations

### Summer –year 1 (6 credits;)

MICRO 300	Thesis research	6 credits	Pass/Fail
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### Fall – year 2 (9 credits; 6 credits letter grade)

MICRO 231	Mol Biol Eukaryotic Pathogens	3 credits	Grade
MICRO 250	Advanced Microbial Pathogenesis	3 credits	Grade
INTER 220	Ethics in Biomedical Sciences	1 credit	Pass/Fail
MICRO 299	Analysis of Research Literature	1 credit	Pass/Fail
MICRO 300	Thesis Research	2 credits	Pass/Fail

**Satisfactory progress:** GPA  $\geq$  3.0; and satisfactory progress in research laboratory

**Students must select a graduate research committee**

### Spring - year 2 (9 credits)

INTER 260	Responsible Conduct in Research	1 credits	Pass/Fail
MICRO 229	Analysis of Research Literature	1 credit	Pass/ Fail
MICRO 298	Seminar in Microbiology	1 credit	Pass/Fail
MICRO 300	Thesis research	6 credits	Pass/Fail

### Summer- year 2 (6 credits)

MICRO 300	Thesis research	1-6 credits	Pass/Fail
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**Students must take the Qualifying Examination by the end of their second year of Graduate Studies.**

**Satisfactory progress:** GPA  $\geq$  3.0; passing of the Qualifying Examination and demonstration of successful progress as determined through committee meetings.

**In subsequent years, students will register for 9 credits / semester. They will be required to participate in MIP seminar and Analysis of Research Literature every semester.**