YEAR 1: FIRST SEMESTER (FALL)

- COURSE WORK
  - INTER 111   Biochemistry
  - INTER 121   Cell Biology
  - INTER 122   Molecular Genetic Mechanisms
  - MICRO 224   Introduction to Microbial Pathogenesis
  - MICRO 228   Lab Rotations in Microbiology
  - MICRO 229   Analysis of Literature
  - MICRO 298   Seminar in Microbiology

- LABORATORY ROTATIONS (specific dates will be set each year)
  - First rotation: Early - September – End November
  - Begin second rotation beginning of December
  - Rotation form describing objectives of rotation will be filled out by mentor and student
  - Students are expected to spend EACH afternoon in the laboratory
  - Rotation evaluation form will be filled out by mentor at conclusion of rotation

- SEMINAR/JOURNAL CLUBS
  - Attendance at MIP Departmental seminar every week
  - Attendance at all MIP special seminars (invited speakers, thesis seminars)
  - Attendance at MICRO 229 Journal Club every other week

YEAR 1: SECOND SEMESTER (SPRING)

- COURSE WORK
  - MICRO 222   Medical Immunology
  - MICRO 225   Advanced Medical Bacteriology
  - MICRO 231   Molecular Biology of Pathogenic Eukaryotes
  - MICRO 276   General and Molecular Virology
  - MICRO 296   Fundamentals in Immunology
  - MICRO 228   Lab Rotations in Microbiology
  - MICRO 229   Analysis of Literature
  - MICRO 298   Seminar in Microbiology

- LABORATORY ROTATIONS (specific dates will be set each year)
  - Finish second rotation late March
  - Begin third rotation March-April
  - Fourth rotation if necessary
  - Rotation form describing objectives of rotation will be filled out by mentor and student
  - Students are expected to spend EACH afternoon in the laboratory
  - Rotation evaluation form will be filled out by mentor at conclusion of rotation
- **SEMINAR/JOURNAL CLUBS**
  - Attendance at MIP Departmental seminar every week
  - Attendance at all MIP special seminars (invited speakers, thesis seminars)
  - Attendance at MICRO 229 Journal Club every other week
  - Present seminar from the work of one of your rotations

**YEAR 1: END of FIRST TWO SEMESTERS**
- Student will have chosen laboratory
- Students with a grade point average below 3.0 after completion of 1<sup>st</sup> or 2<sup>nd</sup> semester can be immediately dropped from graduate program by decision of MIPGRAD Committee
- Students with unsatisfactory performance n lab rotations can be dropped from program even if grade point average is above 3.0 by decision of MIPGRAD Committee