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| Modern Plagues in Society 201  Intro. Microbiology & Immunology 301 or MIC 303/304 | | |  | | 441 Colloquium (Seminar on the Medical Campus) | | |
|  | | 451- 456\*\* Special Projects (Medical research)  460 Advanced Topics In MIC/IMMUNO | | |
| Honors Intro. Microbiology Seminar 302 | | | Other Courses that may be used | | |
| Innate Immunology 319 | | | BIL 255 Cell Molecular Biology | | |
| Adaptive Immunology 321 | | | BIL 352 Scanning Electron Microscopy | | |
| Parasitology 322 | | | BIL 554 Transmission Electron Microscopy | | |
| Principals of Microbial Pathogenesis 323 | | | GSC 310 Microbes in the Environment | | |
| Virology 436 | | |  | | MSC 465 Marine Comparative Immunology | | |

24 credits of MIC are required for major, students must take MIC 301 (or MIC 303/304), 319, 321 (total 11-12 credits). The remaining 12- 13 credits can be fulfilled with any of the courses listed above. 12 credits of MIC are required for the minor; students must take MIC 301, 319 and 321. Majors can get MIC credit for courses outside of MIC such as: BIL 255 which is recommended for Medical School in addition you may use BIL 554 or BIL 352 and GSC 310 or MSC 465 toward the 13 credits remaining to receive the major. MIC 441 may be taken up to two times. Psychology and Sociology should be taken as part of your people and society cognate due to the MCAT’s focus on these subjects. BMB 401 does not count toward the 24 credits of MIC required but must be taken. (\*) indicates, offered only in that semester. (\*\*) indicates that permission of undergraduate director is needed, in addition to the following: 3.0 GPA within major, 3.0 GPA overall and at least 17 credits completed in our department; also it can be taken from 2-6 credits and only 6 may count toward the major.

120 credits are required for graduation. Your last 45 credits must be taken at the University of Miami.

Courses may be taken during the summer sessions to lighten the load in any given semester.

This major is applicable for those that want to attend school in preparation for medical, graduate, pharmacy, optometry, podiatry and dental careers… The MCAT, DAT, OAT, PCAT and GRE can be taken at the end of the semester that’s noted. The semester that you are planning on taking the entrance exam, you should plan for a lighter course load to account for the time needed for the test preparation.

For any additional requirements that are not included please consult with Diana M. Lopez, Ph. D. or Roger Williams, M.S. Ed.