Microbiology Minor Checklist

- A minor must contain at least 9 hours of upper division course work.
- Courses taken to satisfy Core Areas I through V may not be counted as course work in the minor.
- Courses taken in Core Area VI may be counted as course work in the minor.
- Students must earn a "C" (2.0) or higher in required courses.

Please note: Some of these courses have pre-requisites that are not part of the minor. It is your responsibility to make sure that you have met all pre-requisites needed in order to sign up for the minor courses.

**Required Courses: (11 hrs)**
- MIBO 3500 (3 hrs) - Introductory Microbiology
- MIBO 3500L (1 hr) – Introduction to Microbiology Lab I
- MIBO 3510L (3 hrs) – Introduction to Microbiology Laboratory II
- MIBO 4090 (4 hrs) - Prokaryotic Biology

**Choose two additional 4000-level MIBO courses: (6-7 hrs)**
- FDST(MIBO) 4030-4030L (3 hrs) – Food Microbiology
- CBIO(MIBO)(IDIS) 4100 (3 hrs) - Immunology
- MIBO 4110 (3 hrs) – Plant-Microbe Interactions
- FDST(MIBO) 4120-4120L (3 hrs) – Food Fermentations
- MIBO(POPH) 4220 / 4220S (3 hrs) – Pathogenic Bacteriology
- MIBO 4300/6300 (3 hrs) – Genomic Editing in Mammals, Plants, Insects and Microbes
- EHSC(FDST)(MIBO) 4310-4310L (4 hrs) – Environmental Microbiology
- FDST(EHSC)(MIBO) 4320-4320L (3 hrs) – Food Safety Control Programs
- POPH(MIBO)(IDIS) 4450-4450L (4 hrs) – Microbial Genetics and Genomics
- MIBO 4600L (4 hrs) – Experimental Microbiology Lab
- CRSS(MIBO) 4610-4610L (4 hrs) – Soil Microbiology
- MARS(MIBO) 4620 (3 hrs) – Microbial Ecology
- POPH(MIBO)(IDIS) 4650 (3 hrs) – Introduction to Virology
- POPH(MIBO) 4651 (3 hrs) – RNA Virus Genomic Diversity
- MIBO 4700 (3 hrs) – Medical Mycology

**TOTAL HOURS: 17-18**

For more information about minor course work, contact:
Dr. Jennifer Walker, Undergraduate Coordinator
jrswalk@uga.edu
706-542-0947

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