APPENDIX II

Applied and Environmental Microbiology (Non-Thesis)

A. Discipline Specific Requirement

Biol 6484Laboratory Techniques in AEM

B. Additional Course Requirements (8 hours)

Biol 6438 Applied Microbiology
Biol 6458 Microbial Ecology & Metabolism
Biol 6480 Principles of Toxicology
Biol 6595 Microbial Physiology and Genetics I
Biol 6744 Biostatistics or similar statistics course
Biol 6045 General Ecology
Biol 6053 Field Ecology
Biol 6428 Medical Microbiology
Biol 6430 Microbial Diversity and Systematics
Biol 6451 Aquatic Pollution and Toxicology
Biol 6580 Microbial Pathogenesis
Biol 6597 Microbial Physiology and Genetics II
Biol 6694 Biosafety: Principles & Practice
Biol 6696 Laboratory of Molecular Biological Techniques
Biol 6801 Survival Skills in Academia
Biol 8410 Advanced Microbiology
Biol 8415 Fermentation Microbiology
Biol 8416 Bacterial & Archaeal Systems
Biol 8510 Concepts in Microbiology

C. Specific Topics (2 hours)

Biol 8900 Topics in Microbiology or
Biol 8980 Topics in Applied and Environmental Microbiology

D. Research (8 hours)

Biol 8800 Non-Thesis Research*
Biol 8888 Preparation of Non-Thesis Research Report

*Students must spend two semesters in the laboratory working on a research project.