

**Master of Science
in Biomedical Sciences
(Molecular Biology and
Microbiology)**



Description

- ◆ Independent MS programs
 - Not a necessary step to terminal degrees such as a Ph.D.
 - Not very many offered today
- ◆ Masters on the way
 - Fulfillment of Ph.D. candidacy requirements
 - Exit degree

Applications and Admissions

- ◆ Official transcript
 - Reasonably competitive GPA
- ◆ GRE (Graduate Record Examination)
 - General and Subject scores (reasonably competitive, less than 5 years old)
- ◆ Letters of recommendation and personal statement – why you want this degree
 - Making a decision on career choice
 - A career choice
 - Making applications to other professional schools more competitive

Program of Study

◆ Courses

- General requirements: the core courses in our program
- Electives

◆ Research

- For the “Thesis Option”
- Directed, innovative, technically sound, relatively complete, and publishable
- Time invested not reflected by credit hours on paper

◆ Literature research

- For the “Non-thesis Option”

◆ Examinations

- Comprehensive: basic knowledge and applications
- Final
 - ◆ Thesis defense or oral presentation of capstone report

Financial Assistance to Students

- ◆ Teaching assistantship
 - Teaching is part of the curriculum requirements
 - Tuition waivers
- ◆ Research assistantship
 - Professor's research grants
- ◆ Graduate fellowships
 - UCF internal
 - Outside

Marketability

- ◆ Teaching
 - Colleges and community colleges
 - High schools, middle schools, or elementary schools
- ◆ Research
 - University-based
 - ◆ Technicians and lab managers
 - Industry
 - Government
- ◆ Start looking or contemplating when you get in, not when you need a job tomorrow!