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!