Research Masters Proficiencies:

A candidate for a research Masters degree in Ecology and Evolutionary Biology is expected to demonstrate a general knowledge in chosen discipline (Ecology, Evolutionary or Organismal Biology, or some combination), deeper knowledge in the chosen sub-discipline (e.g., Ecosystem Biology, Community & Population Ecology, Evolutionary Genetics, Macroevolution, Systematics, Molecular Evolution, or some combination), and make a strong, publishable contribution to the sub-discipline in a timely fashion.

Proficiencies
1. Demonstrate a general knowledge in the discipline of Ecology, Evolutionary Biology, Organismal Biology, or some combination.
2. Make a strong, publishable contribution to the sub-discipline.
   - Produce new knowledge and write up contribution.
3. Demonstrate strong research skills
   - Be knowledgeable of historical development and able to articulate and discuss concepts and evidence in sub-discipline.
   - Be knowledgeable of organisms and ecological or evolutionary systems pertinent to research
   - Develop knowledge of observational, experimental and analytical methods
   - Adhere to ethical standards of scientific research
   - Demonstrate ability to communicate research findings, through oral presentation and written publications.