

Graduate Student Learning Goals and Objectives
(approved by UH Hilo Graduate Council 02/10/17)

1. Critical Thinking:

UH Hilo graduate students should be able to –

- Synthesize evidence-based knowledge, theories and principles and apply critical thinking skills for the advancement of their discipline
- Identify, articulate and challenge assumptions, gaps, and suppressed or overlooked evidence in their own, peer, and professional opinions
- Demonstrate knowledge of various methods or technologies as appropriate to their discipline, and articulate the advantages or limitations of each

2. Information Literacy:

UH Hilo graduate students should be able to –

- Articulate the nature and extent of information that is required for a particular project or assignment
- Use various sources of information, including library catalogs, networks and online databases relevant to their discipline
- Construct and refine effective search strategies
- Evaluate information for quality, accuracy, scope, reliability, and timeliness using informed judgment
- Collect, evaluate, and integrate information from multiple resources
- Synthesize information in order to address a particular problem or issue relevant to their discipline
- Cite information completely and accurately in the appropriate citation style
- Demonstrate an awareness of the legal and ethical use of information resources, including copyright and fair use

3. Oral Communication:

UH Hilo graduate students should be able to –

- Create sustained, coherent arguments or explanations summarizing their work for professional audiences
- Deliver presentations that exhibit insight into the subject matter
- Incorporate academic language appropriate to their discipline
- Demonstrate skill in delivery techniques

4. Written Communication:

UH Hilo graduate students should be able to –

- Demonstrate proficiency in writing skills at a level that is sufficient to communicate their work clearly and effectively
- Select the appropriate scope and depth of information and level of terminology when composing a written document for a given audience

5. Scientific and Quantitative Reasoning:

UH Hilo graduate students should be able to –

- Use systematic, empirical approaches to address questions and find workable solutions within the discipline or domain of practice
- Apply existing methodologies, techniques, and skills relevant to the discipline in order to address a particular problem or issue
- Develop reasoned conclusions from new or existing data
- Solve problems using mathematical methods and relevant technologies
- Represent theoretical models and data using graphs, tables and illustrations.

6. Interpersonal Interactions and Cultural Appreciation:

UH Hilo graduate students should be able to –

- Demonstrate a commitment to supporting learning through teaching, collaborative inquiry, mentoring, or demonstration of skills and practices to others
- Assume a leadership role in coordinating, managing, performing research efforts or professional practices related to their discipline
- Demonstrate an appreciation for the scope, composition, and leadership of professional communities within their discipline
- Articulate the role that collaborative efforts play in enhancing their professional duties and in the overall advancement of their field
- Demonstrate accountability for ethical values and personal beliefs that acknowledge human diversity