Department of Anthropology / Bioanthropology Learning Outcomes (REVISED)

Global Objective: Students will develop mastery of discipline content knowledge and evidence-based argument through application of foundational theory and analytical thinking and practice.

	Introductory Survey Courses **Level-Specific Objective:** Demonstrate comprehension of materials through recall, organization, and basic data analysis and critical argument	**Upper Division Courses** **Level-Specific Objective:** Demonstrate ability to locate and use academic sources, evaluate the validity and reliability of data, and effectively present ideas as a newly synthesized whole	**Graduate Courses** **Level-Specific Objective:** Demonstrate ability to construct alternative ways of thinking; effectively articulate and support findings; show evidence of ability to critically assess research design
Information Fluency **General-Level Objective:** Identifying and recalling information; organizing and selecting facts and ideas	• Demonstrate ability to summarize and restate fundamental assumptions and theories (e.g., explain human variation from the perspective of biological anthropology, summarize the modern evolutionary synthesis, and describe the role of environment in human adaptation)	• Identify and restate key points and terms in lecture materials and assigned reading through formal (testing and assignments) and informal (writing prompts and class discussion) objective work • Translate writing for general audience into discipline form	• Identify and restate key points and terms in seminar and assigned reading through formal (testing and assignments) and informal (writing prompts and class discussion) objective work • Translate writing from multiple disciplines into primary discipline form
Research Methods **General-Level Objective:** Using facts, rules and principles; separating a whole into component parts	• Demonstrate understanding of methodological approaches through formal (testing and assignments) and informal (writing prompts and class discussion) objective work	• Demonstrate understanding of methodological approaches through solving quantitative- and qualitative-based questions (e.g, gather and organize data, analyze using scientific method, write report) • Effectively construct thesis statements and research questions	• Categorize research methods and provide examples of operationalized terminology and theoretical approaches • Demonstrate understanding of methodological approaches by originating quantitative- and qualitative-based questions and research design
Evidence-Based Argument **General-Level Objective:** Combining ideas to form a new whole; innovating solutions and formulating conclusions	• Demonstrate an understanding of the context of evidence and how research conclusions are generated (e.g., reverse engineering a science article for a general audience) • Recognize the target audience for scientific information and argument based on the terminology and presentation of evidence	• Demonstrate ability to recognize claims vs. arguments • Generate conclusions based on varied types of evidence presented (e.g., using multiple data sources to explain varied positions on race in human diversity) • Predict outcomes based on research questions and a given data set	• Predict outcomes based on research questions, theoretical approach and a given data set and formulate conclusion • Recognize and address fallacies in reasoning and deceptive rhetoric • Effectively summarize observations into data display fitting target audience • Reconstruct and reorganize poorly formed argument into a effective argument
Critical Reasoning **General-Level Objective:** Developing opinions, judgments, or decisions based on evidence and/or theoretical development	• Formulate coherent and knowledge-based opinions • Compare positive and negative outcomes resulting from applications of discipline-specific research (e.g., role of advocacy and activism in anthropological research)	• Demonstrate ability to summarize, analyze, synthesize and evaluate evidence from academic sources (e.g., high-stakes writing assignments) • Write critical literature reviews that compare positive and negative applications of discipline-specific research • Explore ethical perspectives and outcomes in research and academic case studies	• Demonstrate ability to summarize, analyze, synthesize and evaluate evidence from academic sources (e.g., high-stakes writing assignments) • Defend criteria used to assess their own work and the work of others (i.e., peer review) • Explore ethical perspectives and outcomes in research and academic case studies