



Cognitive Science

Department of Psychology, Ellis College of Arts and Sciences

Required Number of Hours: 12-13

Description of certificate: (Include an introductory paragraph and certificate plan of study.) Cognitive Science Certificate, a 12-13 credit-hour program (4 courses) introduces the burgeoning field of cognitive sciences stemming from philosophy, neuro-behavioral and quantitative sciences. In the wake of computer and internet technologies, cognitive sciences have focused on mental, cognitive and computational models to explain, and make use of human and machine minds. Students that complete this program will enrich their understanding about many evolving ideas in cognitive sciences, enabling them to analyze, evaluate, and interpret findings in the field.

Student Learning Outcomes:

CLO1 Knowledge and Basic Concepts: Students will demonstrate knowledge of historical foundations, fundamental theories, and basic concepts in psychology
CLO2 Understanding and Application: Students will demonstrate understanding and application of psychological principles, theories, concepts, and empirical findings to individual, social, and real world problems
CLO3 Oral and Written Skills: Students will demonstrate effective oral and written communication skills

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