

Certificate in Culturo-Behavior Science and Applied Behavior Analysis

- Basic Principles in Applied Behavior Analysis (3 credits)
- Behavior Systems Analysis (3 credits)
- Behavioral Systems Analysis Practicum I (1.5 credits)
- Behavioral Systems Analysis Practicum II: Behavior Science Perspectives on Culture and Community (1.5 credits)

Course Descriptions

Basic Principles in Applied Behavior Analysis

This graduate course introduces Basic Principles in Behavior Analysis. Students will dive deeply into the main concepts of behavior analysis, gaining an understanding of the methodologies and techniques involved. Through critical analysis and hands-on application, they will learn to analyze behavior using these core principles. The course will also explore the implications of behavior analysis concepts to both experimental and applied research, offering valuable insights for future scholarly or professional work in the field. Engaging lectures, collaborative projects, and real-world case studies will equip students with the knowledge and skills necessary to excel in the evolving landscape of behavior analysis.

Behavior Systems Analysis

Behavioral Systems Analysis (BSA) is an interdisciplinary course that explores the synthesis of behavior analysis and systems analysis, focusing on the study of behavior within complex and organized social environments such as organizations and cultures. The course aims to equip students with the ability to explain the conceptual development and technological applications of BSA, promoting behavioral solutions to significant social practices. Participants will engage in an in-depth examination of the conceptual, methodological, and technological strengths and weaknesses associated with this innovative approach. Through a mix of lectures, discussions, and practical exercises, students will integrate themes and topics in behavior analysis that contribute to the further development of BSA. Critical analyses of real-world case studies will allow students to apply these concepts and develop comprehensive solutions for various social challenges. This course provides an invaluable opportunity for those seeking to advance their understanding of behavioral sciences and offers tools and strategies to address societal needs within large social units effectively.

Behavioral Systems Analysis Practicum I

In this first course of a two-part experiential learning sequence, students will engage in a hands-on practicum involving 150 hours of fieldwork during the semester. Focused on the practical application of Behavioral Systems Analysis (BSA), students will immerse themselves in specific areas such as public policy advocacy, governance, or public health. The course objectives include the detection of micro-cultural discrepancies of saying and doing, revealing cultural sub-optimalizations, and beginning to model alternative ways of information dissemination. Students may integrate their professional employment, with proper supervision and alignment with degree requirements. The course concludes with a mid-term report summarizing their findings and insights.

Behavioral Systems Analysis Practicum II: Behavior Science Perspectives on Culture and Community

Building on the knowledge and experience gained in Practicum I, this second course deepens students' engagement with experiential learning, requiring an additional 150 hours of fieldwork. Students will continue their hands-on exploration, focusing on more advanced aspects such as systems architecture and engineering, and multidisciplinary approaches to complex societal challenges like climate change, business management, or criminal justice. Objectives include reinforcing cultural practices by tracing information flow, identifying network structures, and applying behavioral insights through behavior analysis, experimentation, and trialing. As in the first course, professional employment may be integrated with faculty oversight. The culmination of this course is a comprehensive final report that encapsulates the student's learning, reflections, and applications, showcasing their ability to address real-world challenges through the lens of BSA.

\$

\$

\$