

ASSESSMENT IN STUDENT AFFAIRS ADVANCED CERTIFICATE

Overview of Required Courses

HEA 650 - ASSESSMENT IN HIGHER EDUCATION AND STUDENT AFFAIRS

- Assessment fundamentals
- Types of assessment
- Selecting and designing assessment instruments
- Assessment planning
- Ethical considerations and institutional review boards
- Program review
- Accreditation

HEA 689* - METHODS AND TECHNIQUES OF EDUCATIONAL RESEARCH

- Research paradigms and worldviews
- Conducting a literature review and identifying a research problem
- Introduction to quantitative methods of educational research
- Descriptive statistics and an introduction to inferential statistics
- Introduction to SPSS
- Interpreting quantitative data in empirical articles
- Writing a research proposal

*Students are not required to take HEA 689 if they have successfully completed a graduate level course in educational research at an accredited institution.

HEA 789 - ADVANCED DATA ANALYSIS TECHNIQUES IN HIGHER EDUCATION

- Pre-req: HEA 689
- Quantitative research questions and hypotheses
- Inferential statistics
- Meta-analysis
- Factor analysis
- Statistical analysis in SPSS (or another statistical package)
- Evaluating research validity

HEA 725 - FUNDAMENTALS OF DATA MANAGEMENT AND DECISION SUPPORT IN HIGHER EDUCATION

- Overview of institutional research (IR) and institutional effectiveness (IE) practices and processes
- Approaches to data management
- Handling and protecting institutional data
- Using data to inform decisions and to meet accountability demands
- Communicating and reporting data
- Technology tools for IR/IE
- Data analytics in higher education
- Exploration of IR/IE in different settings and sectors

HEA 750 - STUDENT AFFAIRS ASSESSMENT CAPSTONE

- A supervised applied assessment project
 - Creation of a plan/project proposal
 - Data collection (or analysis of existing assessment data)*
 - Data analysis
 - Data interpretation
 - Presentation of assessment project findings and recommendations

* Institutional Review Board (IRB) approval may be required based on where you conduct your applied assessment project.