

## Advanced Research Methods (ARM) – Certificate Approved Courses\* +

### Educational Administration and Human Resource Development

EDAD 623	Advanced Fieldwork Methods	3
EHRD 656	Narrative Analysis	3
EHRD 657	Life History Research	3

### Educational Psychology

EPSY 625	Advanced Psychometric Theory	3
EPSY 637	Grounded Theory Methodology	3
EPSY 642	Meta-Analysis of Behavioral Research	3
EPSY 643	Applied Multivariate Methods	3
EPSY 650	Multiple Regression and Other Linear Models in Education Research	3
EPSY 651	Theory of Structural Equation Modeling	3
EPSY 652	Theory of hierarchical Linear Models	3
EPSY 653	Advanced Structural Equation Modeling	3
EPSY 654	Longitudinal Data Analysis	3
EPSY 655	Item Response Theory	3
EPSY 661	Data Analysis for Single-Case Experimental Design in Educational Research	3
EPSY 656	Survey Instrument Development	3

### Teaching, Learning, and Culture

EDCI 627	Teaching and Learning Data Analysis and Uncertainty Concepts	3
EDCI 628	Analyzing and Reporting Field Based Research	3
EDCI 661	Mixed Methods Research in Curriculum and Instruction	3
EDCI 688	Research Methods in EDCI III	3
EDCI 706	Narrative Inquiry in Curriculum and Instruction I	3
EDCI 707	Narrative Inquiry in Curriculum and Instruction II	3

\*Under rare circumstances, students may petition the CEHD Graduate Instruction Council to take a course not listed above to suffice ARM requirements. **Prior to** planned course enrollment, students must receive approval from the CEHD Graduate Instruction Committee, which deems whether a request is considered an **advanced** research methods course. The committee will not consider course requests while a student is currently enrolled in the course or after the student has completed the course. This policy applies to courses at TAMU that are outside of CEHD and courses external of the university.

+ Students must complete **at least three** of the four courses in a face-to-face delivery format. Students are only allowed to complete a maximum of **one** three-credit hour course in an online delivery format.