QUANTITATIVE TRAINING PATHWAY:

Regression analysis and generalized linear models with single-level and multilevel observational data

EDF6400
Quantitative Foundations

EDF7405
Advanced Quantitative Foundations

EDF7474
Multilevel Modeling

EDF6471
Survey Design and Analysis
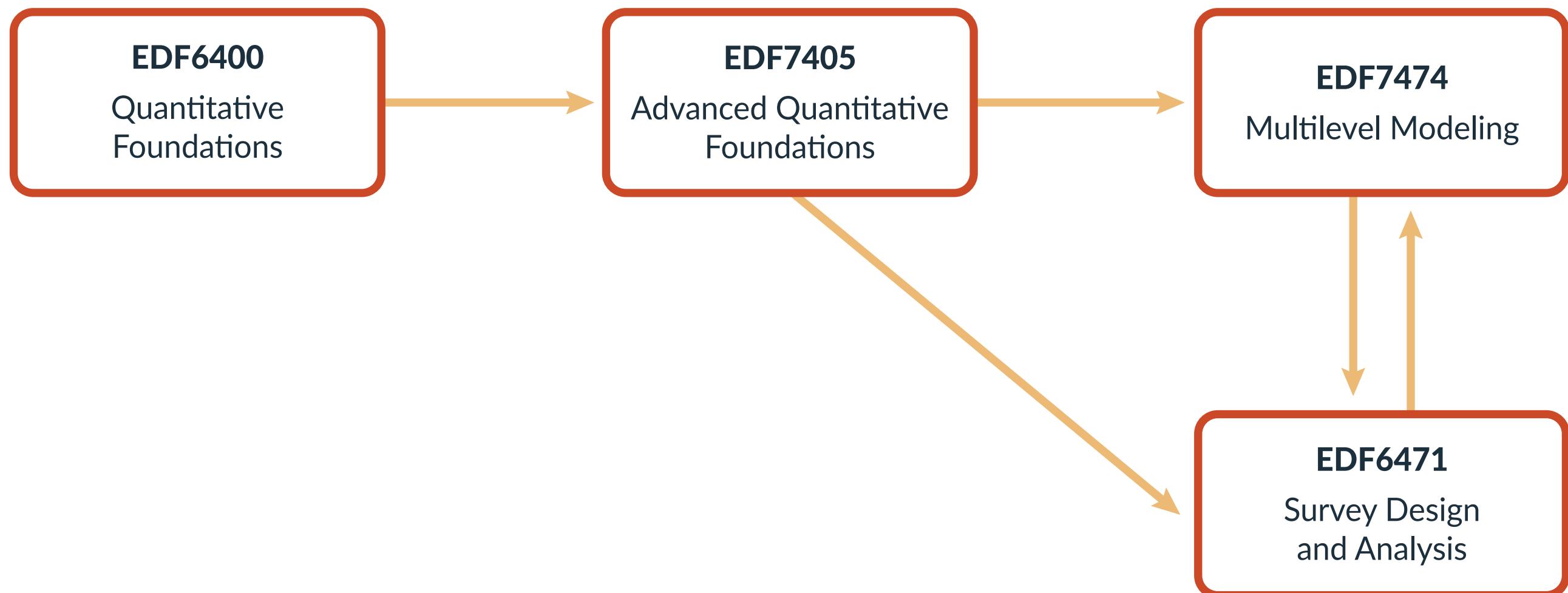
QUANTITATIVE TRAINING PATHWAY:

Analysis of experimental data

EDF6400
Quantitative Foundations

EDF6402
Quantitative Foundations - Inferential

EDF7405
Advanced Quantitative Foundations

EDF7474
Multilevel Modeling

EDF7XXX
Cluster Randomized Trials

EDF6403
Quantitative Foundations
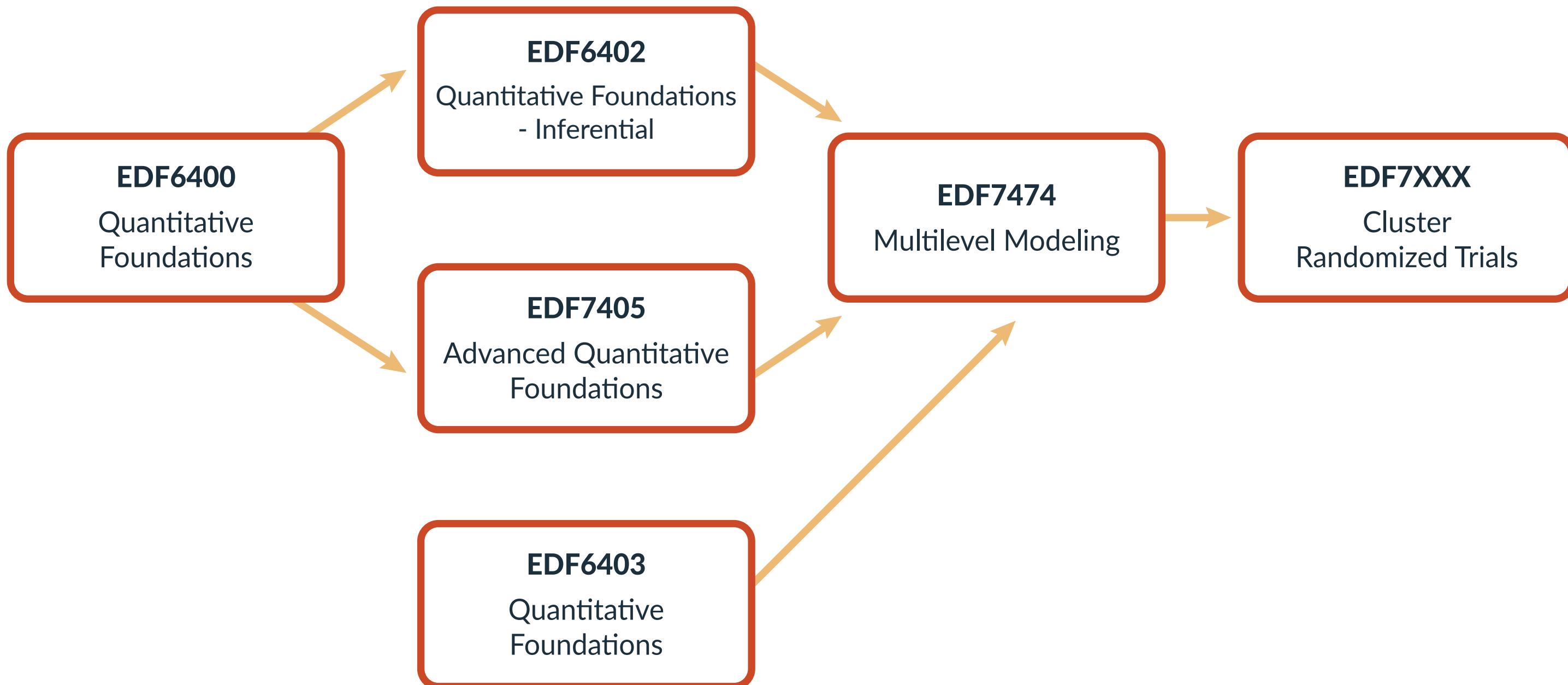
QUANTITATIVE TRAINING PATHWAY:

Causal inference with observational data

EDF6400
Quantitative Foundations

EDF6403
Quantitative Foundations

EDF7405
Advanced Quantitative Foundations

EDF7982
Quasi-experimental design and analysis

EDF7XXX
AI for Program Evaluation
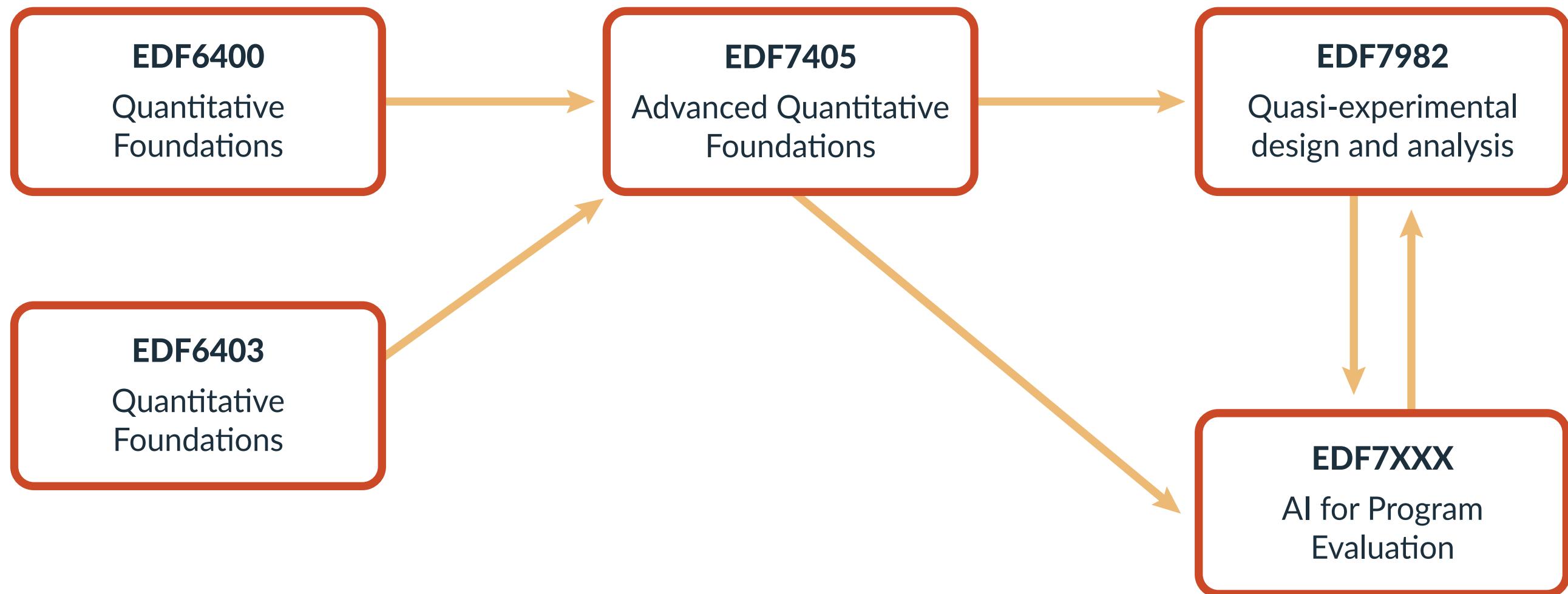
QUANTITATIVE TRAINING PATHWAY:

Educational measurement, assessment, and latent variable modeling

EDF7XXX
Computational Psychometrics

EDF6400
Quantitative Foundations

EDF6402
Quantitative Foundations - Inferential

EDF6436
Theory of Measurement

EDF7439
Item Response Theory

EDF6403
Quantitative Foundations

EDF7412
Structural Equation Modeling
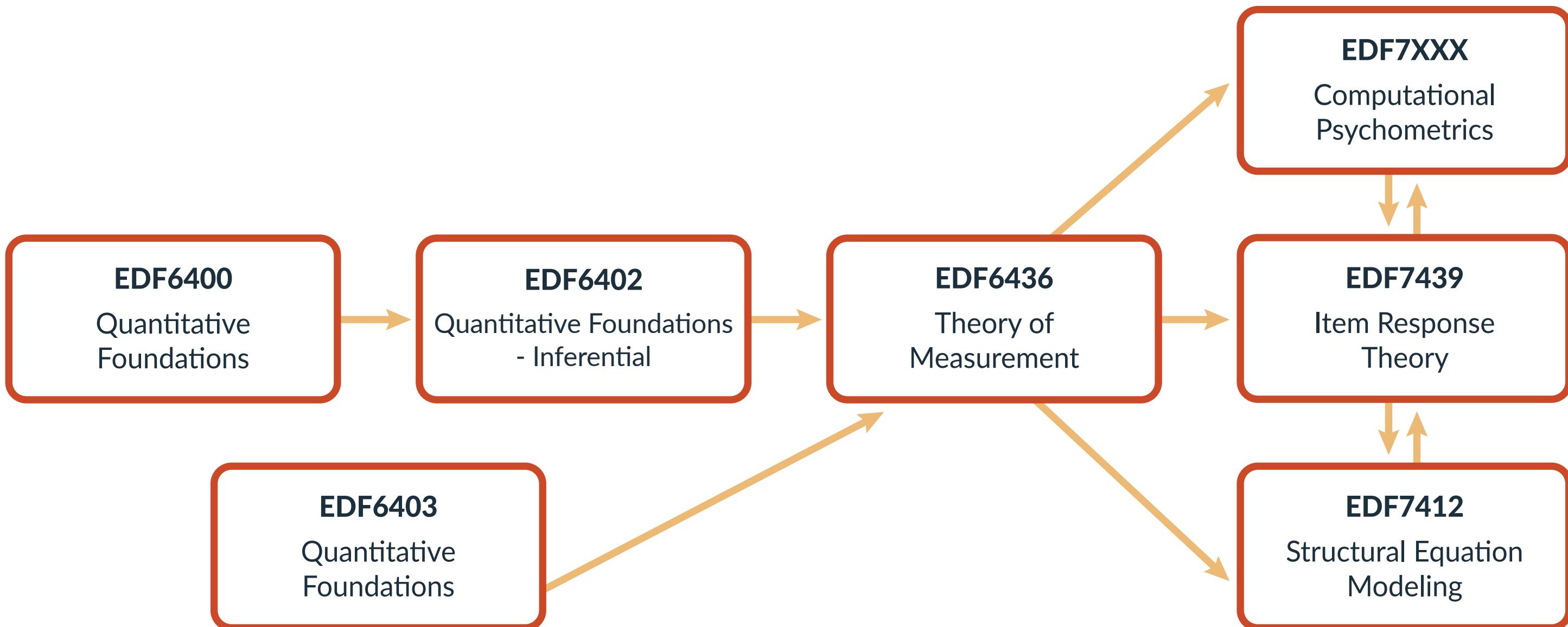
QUANTITATIVE TRAINING PATHWAY:

AI for educational research

EDF6400
Quantitative Foundations

EDF7405
Advanced Quantitative Foundations

EDF7XXX
Computational Psychometrics

EDF7XXX
Natural Language Processing

EDF6403
Quantitative Foundations

EDF7XXX
AI for Evaluation
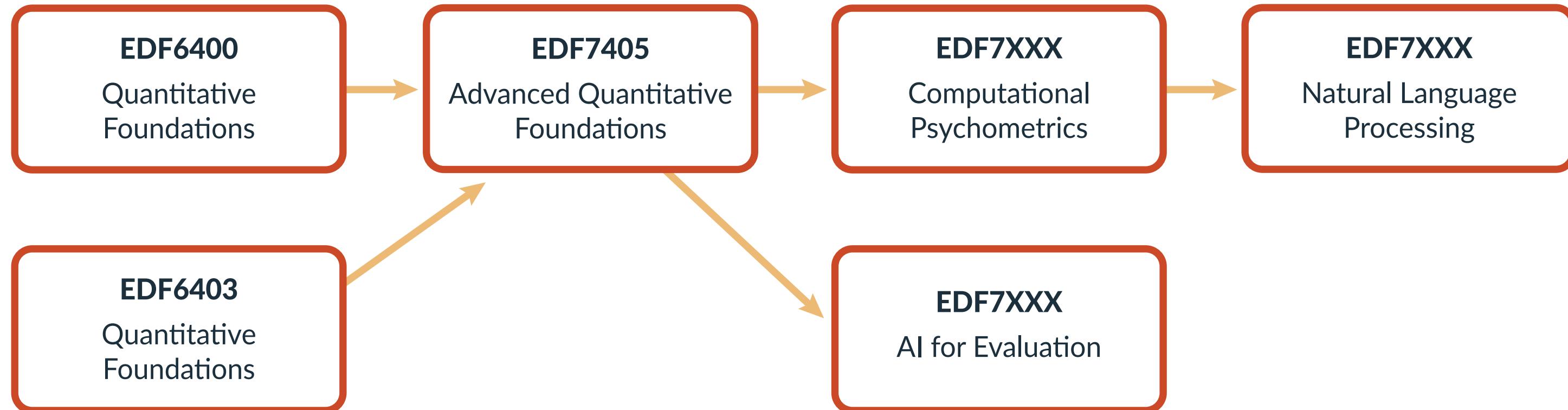
QUANTITATIVE TRAINING PATHWAY:

Program Evaluation

EDF7491
Evaluation of Educational Products and Systems

EDF6400
Quantitative Foundations

EDF6402
Quantitative Foundations - Inferential

EDF7405
Advanced Quantitative Foundations

EDF6463
Culturally Responsive Evaluation in Educational Environments

EDF6492
Evaluation Communication and Ethics in Educational Environments

EDF6468
Evaluation Management for Grants in Educational Environments