

# INTRODUCTION TO AMOS

■ Platform: Windows   ■ Duration: 2 days   ■ Advanced

## Target Audience

Individuals with an interest in Structural Equation Modelling (SEM). AMOS provides SEM techniques in a user-friendly package.

## Prerequisites

Statisticians and applied quantitative researchers with some experience in multiple regression or factor analysis are encouraged to attend.

## Overview

Graphical, interactive path modelling with the AMOS program is employed throughout the session. Modern advances in structural modelling and statistical methods are emphasized and demonstrated by practical research examples from different areas of the social sciences.

## Objectives

By the end of the course you will have learned to:

- Hypothesize models, test their plausibility and assess their accuracy
- Understand the usage of the specification search and model trimming; enabling the user to search for models that return a higher probability of occurring
- Perform group comparisons with user defined restricted effects and/or relationships
- Specify factor, regression and path models easily and determine their viability

## Course Content

- Structural equation modelling
- Getting started: regression with AMOS
- Test model adequacy
- Principles of testing applied
- The general model
- Special topics
- Appendix a: AMOS toolbar