SMU MSE Programme Summary

Two Tracks offered:
Applied Economics Track
Econometrics and Quantitative Economics Track

Completion of 15 Course Units (CU) comprising

4 CU Foundations Modules:

- Further Mathematics for Economics
- Mathematics for Economics
- Principles of Economics 1
- Principles of Economics 2

3 CU Core Modules：

- Econometric Analysis
- Macroeconomic Analysis
- Microeconomic Analysis

5 CU Track Electives Modules:

Applied Economics Track Elective Modules:
- Behavioural Economics
- Economics of Competition Law
- Economics of Growth, Poverty and Inequality
- Environmental Economics, Business and Policy
- Health Economics
- Infrastructure Economics and Policy
- International Trade: Theory and Policy
- Macroeconomic Accounts and Public Finance
- Money, Banking, and International Finance
- Politics, Institutions and Economics
- Spatial Econometrics and Data Analysis

Econometrics and Quantitative Economics Elective Modules:
- Advanced Microeconomic Analysis
- Blockchain/Web 3
- Data Sampling
- Empirical Industrial Economics
- Financial Econometrics
- Machine Learning in Economics and Finance
- Macroeconomics 1
- Market Microstructure
- Mathematical Methods for Economic Dynamics
- Panel Econometrics and Date Analysis
- Selection of PhD Advanced Research Topics (ARTs)
- Spatial Econometrics and Data Analysis
- Time Series Econometrics

2CU Open:

Choose any 2 CU from the following

- Courses from any MSE track or MSFE electives
- Courses from other SMU Masters Programmes (max 1CU)
- Internship / Capstone Project (1CU)

1 CU Postgraduate Professional Development course

SMU MSFE Programme Summary

Completion of 15 Course Units (CU) comprising:

4 CU Foundations Modules:

- Further Mathematics for Economics
- Mathematics for Economics
- Principles of Economics 1
- Principles of Economics 2

6 CU Core Modules:

- Corporate Finance
- Econometric Analysis
- Empirical Finance
- Financial Econometrics
- Macroeconomic Analysis
- Microeconomic Analysis

3CU Electives Modules:

- Alternative Investments and Distribution
- Blockchain/Web 3
- Machine Learning in Economics and Finance
- Market Microstructure
- Mathematics of Fixed Income and Derivative Securities
- Portfolio Risk and Performance Analysis

1 CU Open:
Choose any 1CU from the following:

- Courses from any MSE track or MSFE electives
- Courses from other SMU Masters Programmes
- Internship / Capstone Project (1CU)

1CU Postgraduate Professional Development course

\*MSE/MSFE Foundation modules will be exempted for Accelerated pathway

**Note:**

The curriculum, courses and academic calendar may be subject to changes, in accordance with SMU’s rules, regulations and policies. SMU shall inform NCCU of any such changes in a timely manner.