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.