

**Department of Mathematics and Statistics**  
**Template for the 2 year Msc programme in Statistics**

YEAR I				YEAR II			
Semester I		Semester II		Semester III		Semester IV	
Course	L-T-P-SS[C]	Course	L-T-P-SS[C]	Course	L-T-P-SS[C]	Course	L-T-P-SS[C]
MSO202A	3-1-0-0[06]	MTH309A	3-1-0-0[11]	MTH412A	3-1-0-0[11]	MTH511A	3-1-0-0[11]
MTH425A	3-1-0-0[06]	MTH416A	3-1-0-0[11]	MTH515A	3-1-0-0[11]	MTH514A	3-1-0-0[11]
MTH301A	3-1-0-0[11]	MTH418A	3-1-0-0[11]	MTH517A	3-1-0-0[11]	MTH516A	3-1-0-0[11]
MTH409A	2-1-1-0[09]	MTH513A	3-1-0-0[11]	DE/OE	3-0-0-0[09]/ 3-1-0-0[11]	DE/OE	3-0-0-0[09]/ 3-1-0-0[11]
MTH415A	3-1-0-0[11]	DE/OE	3-0-0-0[09]/ 3-1-0-0[11]	DE/OE	3-0-0-0[09]/ 3-1-0-0[11]	DE/OE	3-0-0-0[09]/ 3-1-0-0[11]
MTH417A	3-1-0-0[11]						

**List of courses**

- MSO202A Complex analysis (module)
- MTH301A Analysis I
- MTH309A Probability theory
- MTH409A Computer programming and data structures
- MTH412A Stochastic processes
- MTH415A Matrix theory and linear estimation
- MTH416A Regression analysis
- MTH417A Sampling theory
- MTH418A Inference I
- MTH425A Distributions in Statistics (module)
- MTH511A Statistical simulation and data analysis
- MTH513A Analysis of variance
- MTH514A Multivariate analysis
- MTH515A Inference II
- MTH516A Non-parametric inference
- MTH517A Time series analysis