

IGNOU – M.Sc (MACS) Programme Syllabus:

First Semester		
Course Name	Credits	Course Code
Programming & Data Structure	4	MMT-001
Linear Algebra	2	MMT-002
Real Analysis	4	MMT-004
Complex Analysis	2	MMT-005
Differential Equations & Numerical Solutions	4	MMT-007
Second Semester		
Course Name	Credits	Course Code
Algebra	4	MMT-003
Functional Analysis	4	MMT-006
Probability and Statistics	8	MMT-008
Third Semester		
Course Name	Credits	Course Code
Mathematical Modelling	2	MMT-009
Graph theory	4	MMTE-001
Design and Analysis of Algorithms	4	MMTE-002
Pattern Recognition & Image Processing	4	MMTE-003
Computer Graphics	2	MMTE-004

Fourth Semester

Course Name	Credits	Course Code
Coding Theory	4	MMTE-005
Cryptography	4	MMTE-006
Soft Computing and Its Applications	4	MMTE-007
Project Work	4	MMTP-001