

CORE MATHEMATICS (75A)

SAMPLE PLAN OF STUDY

FIRST SEMESTER				
MA 161 (165)	LAB SCI	LANG	ENGL 106/108	^b MA 108
SECOND SEMESTER				
MA 162 (166, 173, 181)	^a CS 177 (154, 158, 180)	LANG	GEN ED	
THIRD SEMESTER				
MA 261 (271, 174, 182)	^b MA 301	LANG	GEN ED	ELECTIVE
FOURTH SEMESTER				
MA 362 (510)	MA 351 (350)	LANG	GEN ED	LAB SCI
FIFTH SEMESTER				
MA 366	MA 341 (440)	ENGL COMP II	LAB SCI	ELECTIVE
SIXTH SEMESTER				
^c MA	MA 353	GEN ED	ELECTIVE	ELECTIVE
SEVENTH SEMESTER				
^c MA	MA 453 (450)	GEN ED	ELECTIVE	ELECTIVE
EIGHTH SEMESTER				
^c MA	^c MA	GEN ED	ELECTIVE	ELECTIVE

^a If a CS class is not taken, then an additional LAB SCI is required.

^b Free elective.

^c Any four courses from among the following (but no more than two from each group):

Analysis: MA 425, 440 (which can be taken in addition to 341), 442, 521

Algebra: MA 454

Differential Equations: MA 520, 523, 543

Discrete Mathematics, Foundations: MA 375, 385, 387, CS 381, CS 483

Geometry: MA 462, 571

Computer Science: CS 240, 251

Numerical Analysis: CS 314 (514), 515, 520

Statistics, Probability: STAT 416 (516), 417 (517)

Other choices may be approved. See your advisor.