

Recommended First Mathematics Courses

Major code	Major description	Level 10	Level 20	Level 30	Level 40	Level 60	Level 70	Level 80
AC	Accounting	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
ACTSC	Actuarial Science	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA222 FFY
BA	Business Administration	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
BAAC	Business Administration - Accounting	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
BAEC	Business Administration - Economics	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
BAENT	Business Administration - Entrepreneurship	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
BAFIN	Business Administration - Finance	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
BAMGT	Business Administration - Management	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
BAMRK	Business Administration - Marketing	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
BCHMD	BioChemistry - PreMedicine	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	none needed
BIO	Biology	MA011 FFY	MA011 FFY	MA251 SY	MA117 FY	MA121 FFY	none needed	none needed
BIOAH	Biology - Allied Health	MA011 FFY	MA011 FFY	MA110 FFY	MA117 FY	MA121 FFY	MA251 SY	MA251 SY
BIOCH	Biochemistry	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	none needed
BIOED	Biology Education	MA011 FFY	MA105 FY	MA105 FY	MA117 FY	MA121 FFY	MA251 SY	none needed
BIOMD	Biology - Premedicine	MA011 FFY	MA011 FFY	MA251 SY	MA117 FY	MA121 FFY	MA251 SY	MA251 SY
BTECH	BioTechnology	MA011 FFY	MA011 FFY	MA251 SY	MA117 FY	MA121 FFY	none needed	none needed
CENGR	Computer Engineering	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA222 FFY
CH	Chemistry	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	none needed
CHED	Chemistry Education	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	none needed
CHMD	Chemistry - PreMedicine	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA251 SY
CJ	Criminal Justice	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
COM	Communications	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
CS	Computer Science	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA201 SY
EC	Economics	MA011 FFY	MA011 FFY	MA110 FFY	MA117 FY	MA121 FFY	MA251 SY	MA251 SY
ELMLC	Elem/Middle Education - Science	MA011 FFY	MA105 FY	MA105 FY	MA117 FY	MA121 FY	MA251 SY	MA251 SY
ELMLL	Elem/Middle Education - Lang/Rdg	MA011 FFY	MA105 FY	MA105 FY	MA206 FFY	MA121 FY	MA251 SY	MA251 SY
ELMLM	Elem/Middle Education - Math	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA222 FFY
ELMLS	Elem/Middle Education - Soc Studies	MA011 FFY	MA105 FY	MA105 FY	MA206 FFY	MA121 FY	MA251 SY	MA251 SY
ENG	English	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
ENGED	English Education	MA011 FFY	MA105 FY	MA105 FY	MA206 FFY	MA121 FY	MA251 SY	MA251 SY
ENGL	English - Literature	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
ENGPW	English - Professional Writing	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
ENGR	Engineering	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA222 FFY

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ENVSC	Environmental Science	MA011 FFY	MA011 FFY	MA251 SY	MA117 FY	MA121 FFY	none needed	none needed
ERCH	Early Childhood Education	MA011 FFY	MA105 FY	MA105 FY	MA205 FY	MA121 FY	MA251 SY	MA251 SY
FAMJ	Fine Arts	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
FOREN	Forestry & Envir Management	MA011 FFY	MA011 FFY	MA110 FFY	MA117 FY	MA121 FFY	MA251 SY	MA251 SY
GSED	General Science - Certification	MA011 FFY	MA011 FFY	MA110 FFY	MA117 FY	MA121 FFY	MA251 SY	MA251 SY
HI	History	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
HOC	Health & Occupation	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
IEGRM	Industrial Engineering Management	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA222 FFY
INFSY	Information Systems	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
INTAC	International Business - Accounting	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
INTEC	International Business - Economics	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
INTFN	International Business - Finance	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
INTLB	International Business	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
INTMK	International Business - Marketing	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
INTMT	International Business - Management	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
MA	Mathematics	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA222 FFY
MAED	Mathematics - Education	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA222 FFY
ML	Modern Languages	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
MLFR	Modern Languages - French	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
MLGR	Modern Languages - German	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
MLJP	Modern Languages - Japanese	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
MLSP	Modern Languages - Spanish	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
MUED	Music Education	MA011 FFY	MA105 FY	MA105 FY	MA205 FY	MA121 FY	MA251 SY	MA251 SY
MUS	Music	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
MUTH	Music Therapy	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
PH	Philosophy	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
PHY	Physics	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA222 FFY
PHYED	Physics Education	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA222 FFY
POLPH	Political Philosophy & Legal Studies	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
PRENG	Engineering 3+2	MA011 FFY	MA011 FFY	MA110 FFY	MA110 FFY	MA121 FFY	MA122 FFY	MA222 FFY
PS	Political Science	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
PSY	Psychology	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
REL	Religious Studies	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
SOAN	Sociology-Anthropology	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY

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SPED	Spanish Education	MA011 FFY	MA105 FY	MA105 FY	MA205 FY	MA121 FY	MA251 SY	MA251 SY
SS	Social Studies Education	MA011 FFY	MA105 FY	MA105 FY	MA205 FY	MA121 FY	MA251 SY	MA251 SY
SW	Social Work	MA011 FFY	MA011 FFY	MA251 SY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
TH	Theatre	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY
UND	Undecided/Undeclared	MA011 FFY	MA105 FY	MA105 FY	MA251 SY	MA251 SY	MA251 SY	MA251 SY