

SAMPLE COURSE GUIDE FOR B.A. MATHEMATICS EDUCATION

(Even-year start)

Note: Courses in bold are part of the GENERAL UNIVERSITY COURSE REQUIREMENTS. This is a suggested course guide and may change as needed.

FRESHMAN YEAR FIRST SEMESTER

	Credits
UNIV 101 Foundations for Success I	2
ENG 101 English Composition I	3
MATH 212 Calc I	5
CPSC 202 JAVA I	3
PSY 101 Intro to Psychology	3
	16

SECOND SEMESTER

	Credits
ENG 102 English Composition II	3
MATH 221 Intro to Stats	4
MATH 213 Calc II	5
HIS 102W World Civilization II	3
	15

SOPHOMORE YEAR FIRST SEMESTER

	Credits
MATH 335 Linear Algebra & Dif I	4
PHIL 210 Logic & Crit Reasoning	3
Lab Science	4
WORLD LANGUAGE	4
	15

SECOND SEMESTER

	Credits
MATH 336 Linear Alg & Dif II	4
CPSC 202 Discrete Math	3
FINE ARTS	3
HUMANITIES	3
FREE ELECTIVE	3
	16

JUNIOR YEAR FIRST SEMESTER

	Credits
MATH 462 Intro to Real Analysis	3
MATH 354W Methods Tch Math	3
ED 304 Tch Pre Orientation	0
ED 305CW Foundatons of Ed & Lrn	2
ED 315B Intro to Curr, Mng, Meth	3
BLE 311 Struct of Lng	2
	13

SECOND SEMESTER

	Credits
MATH 413 History of Math	3
BLE 413W ELL Methodology & Assessment	3
ED 410B Issues of Abuse	1
ED 343 Innovation by Design	3
FREE ELECTIVE	6
	16

SENIOR YEAR FIRST SEMESTER

	Credits
MATH 410W Abstract Alg I	3
MATH 322 Probability & Stats	2
MATH 454 Transformational Geo	2
ED 347D Exceptional Learners	2
ED 395AW Advanced Literacy	3
FREE ELECTIVE	3
	15

SECOND SEMESTER

	Credits
MATH 436 Adv Euclidean Geo	3
ED 410D Clinical Practice Sem	1
ED 481S Secon Clinical Practice	10
ED 496BW Senior Capstone Project	2
	16

TOTAL: 122 CREDITS