

SECONDARY EDUCATION: BACHELOR OF ARTS

MATHEMATICS

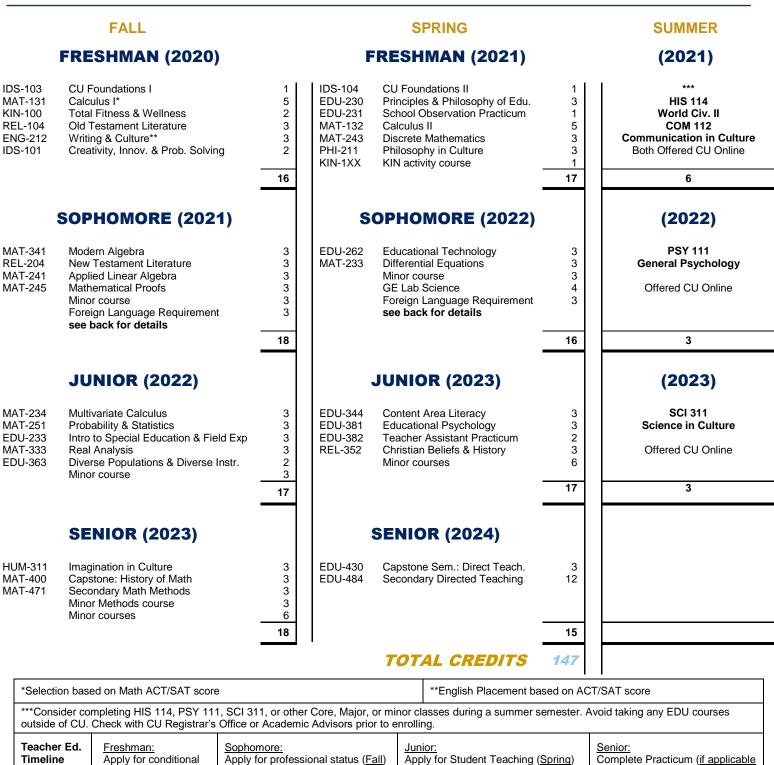
Apply for TAP (Fall)

status (Spring)

BUILD A LIFE

THAT MATTERS

Four-Year Planning Guide ■ Catalog Year 2020-2021 REQUIRES A MINOR



Senior year)

Pass MTTC major content (prior to

in Fall)

616.949.5300 = WWW.CORNERSTONE.EDU = #WhatMattersCU

Student Teach (Spring)



SECONDARY EDUCATION: BACHELOR OF ARTS

MATHEMATICS

Four-Year Planning Guide ■ Catalog Year 2020-2021 **REQUIRES A MINOR**

FOREIGN LANGUAGE REQUIREMENT

CHOOSE ONE. SELECT THE OPTION THAT FITS YOUR ACADEMIC HISTORY.

OPTION 1	OPTION 2	OPTION 3	OPTION 4
You completed at least three years of the same Foreign Language in High School	You completed at least two years of the same Foreign Language in High School	You completed 1 or less years of Foreign Language in High School	You completed 1 or less years of Foreign Language in High School
*Foreign Language requirement is <u>MET</u>	*Take LIN 100 <u>OR</u> a second semester course in a foreign language (IE: SPA 102)	*Take a 1 st and 2 nd semester Foreign Language sequence (IE: SPA 101 & SPA 102)	*Take LIN 100 + 1 st semester Foreign Language (IE: LIN 100 + SPA 101)

REQUIRED MATHEMATICS COURSES:

CREDIT HOURS MAT-131 Calculus I 5 Calculus II 5 MAT-132 3 MAT-233 **Differential Equations Multivariate Equations** 3 MAT-234 Applied Linear Algebra 3 MAT-241 **Discrete Mathematics** 3 MAT-243 3 MAT-245 Mathematical Proofs MAT-251 **Probability & Statistics** 3 MAT-333 3 **Real Analysis** MAT-341 Modern Algebra 3 **MAT-400** Capstone Seminar: Geometry & the History of Mathematics 3 TOTAL 37

REQUIRED PROFESSIONAL EDUCATION COURSES:

EDU-230	Principles & Philosophy of Education	3
EDU-231	School Observation Practicum	1
EDU-233	Intro to Special Education & Field Experience	3
EDU-262	Educational Technology	3
EDU-344	Content Area Literacy	3
EDU-363	Diverse Populations & Differentiated Instruction (meets Global Studies Requirement)	2
EDU-381	Educational Psychology (*Professional Status required)	3
EDU-382	Teacher Assistant Practicum (*Professional Status required)	2
EDU-430	Capstone Seminar: Directed Teaching (*Professional Status required)	3
EDU-484	Secondary Directed Teaching Internship (*Professional Status required)	12
MAT-471	Content Major Methods course (*Professional Status required)	3
	Content Minor Methods course (*Professional Status required)	3

CERTIFIABLE MINOR:

Certifiable Minor (See list below for options)

TOTAL 59+

CREDIT HOURS

18-25

CUMULATIVE TOTAL 96+

MINOR OPTIONS:

Biology, Chemistry, English, Health (Calvin), Psychology, Spanish, Teaching English to Speakers of Other Languages (TESOL)