

2022 RAI Core Course List

Admission of freshmen to the Iowa Regent universities is based on the Regent Admission Index (RAI) formula described below. In addition, applicants must meet the minimum high school course requirements for the university they wish to enter.

- (3 x ACT composite score)
- + (30 x high school GPA)
- + (5 x number of years of high school core courses)

Regent Admission Index Score

Note: For purposes of calculating the RAI, SAT scores will be converted to ACT composite equivalents, 4.00 is the top value for GPA, and the number of high school core courses completed is expressed in terms of years or fractions of years (e.g., one semester equals 0.5 year). Applicants who do not possess all required factors will be evaluated on an individual basis by the Regent universities to which they apply.

Freshman applicants who achieve at least a 245 RAI score and who meet the minimum number of high school courses required by the Regent universities will qualify for automatic admission to any of the three Regent universities. Freshman applicants who achieve less than a 245 RAI score may also be admitted to a specific Regent university; however, each Regent university will review these applications on an individual basis and the admission decision will be specific to each institution.

MAQUOKETA COMMUNITY HIGH SCHOOL, MAQUOKETA, CORE COURSES APPROVED FOR RAI

Source: 2021-2022 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)

English	Yrs*	Math	Yrs*	Science	Yrs*	Social Studies	Yrs*	World Languages	Yrs*	Computer Science	Yrs*
Communications	0.5	Adv Algebra 2	0.5	Adv Biology	0.5	American Ntnl Govt [POL111]	0.5	Spanish 1	1		
Composition I [ENG105]	0.5	Algebra 1	1	Anatomy & Physiology	0.5	Contemp World Issues [GLS100]	0.5	Spanish 2	1		
Composition I: Technical Writing [ENG107]	0.5	Algebra 2	1	Astronomy [PHS152]	0.5	Criminology [CRJ200]	0.5	Spanish 3	1		
Composition II [ENG106]	0.5	Calculus I [MAT210]	0.5	Biology	1	Current Events	0.5	Spanish 4	1		
Creative Writing	0.5	Calculus II [MAT216]	0.5	Chemistry	1	Developmental Psychology [PSY121]	0.5				
English 09	1	College Algebra [MAT121]	0.5	Earth Science	1	Economics	0.5				
English 10	1	Geometry	1	Env Sci [ENV111]	0.5	Global Cultures	1				
English 11	1	Pre-Calculus [MAT128]	0.5	Essentials of Anat & Phys [BIO163]	0.5	Government	0.5				
Intro to Lit [LIT101]	0.5	Statistics [MAT156]	0.5	Exploring Physical Sci [PHS120]	0.5	Humanities of the Early World [HUM135]	0.5				
Language Arts Essentials	1			General Biology IA [BIO114]	0.5	Humanities of the Modern World [HUM137]	0.5				
Public Speaking [SPC112]	0.5			Human Anat & Phys I [BIO168]	0.5	Intro to Ethics [PHI105]	0.5				
Publications	1			Intro to General Chemistry [CHM122]	0.5	Intro to Logic [PHI110]	0.5				
Research/Technical Writing	0.5			Meteorology, Weather & Climate [PHS166]	0.5	Intro to Philosophy [PHI101]	0.5				
				Physical Geology [PHS172]	0.5	Intro to Psychology [PSY111]	0.5				
				Physical Science	1	Intro to Sociology [SOC110]	0.5				
				Physics	1	Marriage & Family [SOC120]	0.5				
				Science Essentials	1	Modern World History	0.5				
						Nazi Germany [HIS224]	0.5				
						Principles of Macroecon [ECN120]	0.5				
						Principles of Microecon [ECN130]	0.5				
						Psychology	0.5				

MAQUOKETA COMMUNITY HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)

 Source: 2018-2019 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)

English	Yrs*	Math	Yrs*	Science	Yrs*	Social Studies	Yrs*	World Languages	Yrs*	Computer Science	Yrs*
						Social Problems [SOC115]	0.5				
						Social Studies Essentials	0.5				
						Sociology	0.5				
						Survey of World History	1				
						Survey of World Religions [REL101]	0.5				
						U.S. History	1				
						U.S. History since 1877 [HIS152]	0.5				
						U.S. History to 1877 [HIS151]	0.5				
						Wstrn Civ I: Ancient & Medieval [HIS117]	0.5				
						Wstrn Civ II: Early Modern [HIS118]	0.5				
						Working in America [HUM105]	0.5				
						World Regional Geography [GEO121]	0.5				
Total English		Total Math		Total Science		Total Social Studies		Total World Languages		Total Computer Science	