

2021 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: 2020-2021 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	African American History [HIS 257]	0.5	Spanish 1	1		
Composition I [ENG 105]	0.5	Algebra 1	1	Anatomy & Physiology	0.5	American Govt [POL 111]	0.5	Spanish 2	1		
Composition II [ENG 106]	0.5	Algebra 1 Lab	0.5	Anat & Phys I [BIO 168]	0.5	Changes & Choices [HUM 110]	0.5	Spanish 3	1		
Creative Writing	0.5	Algebra 2	1	Anat & Phys II [BIO 173]	0.5	Child & Adolescent Psychology [PSY 223]	0.5	Spanish 4	1		
English 09	1	Algebra 2 Lab	0.5	Astronomy [PHS 152]	0.5	Contemp World Issues [GLS 100]	0.5				
English 09 Lab	0.5	Calculus I [MAT 210]	0.5	Biology	1	Criminology [CRJ 200]	0.5				
English 10	1	Calculus II [MAT 216]	0.5	Chemistry	1	Current Events	0.5				
English 10 Lab	0.5	College Algebra [MAT 121]	0.5	College Physics I [PHY 162]	0.5	Developmental Psychology [PSY 121]	0.5				
English 11	1	Geometry	1	College Physics II [PHY 172]	0.5	Economics	0.5				
English 11 Lab	0.5	Geometry Lab	0.5	Earth Science	1	Global Cultures	1				
Intro to Lit [LIT 101]	0.5	Pre-Calculus [MAT 128]	0.5	Env Sci [ENV 111]	0.5	Government	0.5				
Language Arts Essentials	1	Statistics [MAT 156]	0.5	Essentials of Anat & Phys [BIO 163]	0.5	Humanities of the Early World [HUM 135]	0.5				
Public Speaking [SPC 112]	0.5			Exploring Physical Sci [PHS 120]	0.5	Humanities of the Renaissance [HUM 136]	0.5				
Publications	1			General Biology IA [BIO 114]	0.5	Intro to Ethics [PHI 105]	0.5				
Research/Technical Writing	0.5			Human Biology [BIO 157]	0.5	Intro to Psychology [PSY 111]	0.5				
				Intro to General Chemistry [CHM 122]	0.5	Intro to Social Work [SOC 160]	0.5				
				Intro to Organic/Biochemistry [CHM 132]	0.5	Intro to Sociology [SOC 110]	0.5				
				Meteorology, Weather & Climate [PHS 166]	0.5	Living w/Space, Time & Technology [HUM 183]	0.5				
				Physical Science	1	Macroeconomics [ECN 120]	0.5				
				Physics	1	Nazi Germany [HIS 224]	0.5				
				Plant Biology [BIO 125]	0.5	Psychology	0.5				
				Science Essentials	1	Social Problems [SOC 115]	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*
						Sociology	0.5				
						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				
						Wstrn Civ III: The Modern Period [HIS119]	0.5				
						World Regional Geography [GEO121]	0.5				
Total English		Total Math		Total Science		Total Social Studies		Total World Languages		Total Computer Science	

*The numbers in this column should be multiplied by 5 to determine the number of RAI points awarded for the course.

Updated: 8/9/2021