



2020 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)

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.

Regent Admission Index Score

MADRID HIGH SCHOOL, MADRID, CORE COURSES APPROVED FOR RAI

Source: 2019-2020 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*
Adv English	0.5	Algebra 1	1	Adv Chemistry	1	American Government	0.5	Spanish 1	1	AP Computer Science	1
Children's Lit [LIT105]	0.5	Algebra 2	1	Anatomy & Physiology	1	American History	1	Spanish 2	1		
Composition	0.5	Calculus I [MAT211]	0.5	Biology	1	American Issues	0.5	Spanish 3	1		
Composition I [ENG105]	0.5	Finite Math [MAT141]	0.5	Chemistry	1	AP Psychology	0.5	Spanish 4	1		
Composition II [ENG106]	0.5	General Algebra 1	1	Current Trends Biotech	0.5	Comparative Political Systems	0.5				
English 1	1	Geometry	1	Environmental Science	1	Developmental Psychology[PSY121]	0.5				
English 2	1	Pre-Calculus	1	Honors Biology	1	Economics	0.5				
English 3	1	Statistics	1	Physical Science	1	InterNtnl Relations [POL121]	0.5				
Global Literature	0.5	Statistics [MAT157]	0.5	Physics	1	Intro to Geography[GEO111]	0.5				
Mass Media	0.5					Intro to Philosophy[PHI101]	0.5				
Speech	0.5					Intro to Psychology[PSY111]	0.5				
						Intro to Sociology[SOC110]	0.5				
						Macroeconomics [ECN120]	0.5				
						Our Legal System	0.5				
						Sociology	0.5				
						U.S. Historysince 1877 [HIS153]	0.5				
						U.S. Historyto 1877 [HIS150]	0.5				
						West Civ: Ancient to Early Mod [HIS112]	0.5				
						West Civ: Early Modern to Pres [HIS113]	0.5				
						World Geography	0.5				
						World History	1				

MADRID 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*
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: 8/18/2020