



2023 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.

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.

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

Regent Admission Index Score

MARTENSDALE-ST MARYS JR-SR HIGH SCHOOL, MARTENSDALE, CORE COURSES APPROVED FOR RAI

Source: 2022-2023 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 Communication	0.5	Algebra 1	1	Astronomy [PHS152]	0.5	Abnormal Psychology [PSY241]	0.5	American Sign Lang I [ASL141]	0.5	Intro Computer Sci Principles	0.5
Biblical Literature	0.5	Algebra 2	1	Biology	1	American Government	0.5	American Sign Lang II [ASL171]	0.5		
Composition	1	College Algebra [MAT121]	0.5	Chemistry	1	American History	1	American Sign Lang III [ASL245]	0.5		
Composition I [ENG105]	0.5	Geometry	1	Earth & Space Science	0.5	Contemporary Issues	0.5	Spanish 1	1		
Composition II [ENG106]	0.5	Trigonometry/Pre-Calculus	1	Environmental Science	1	Developmental Psychology [PSY121]	0.5	Spanish 2	1		
English 09	1			Natural Physical Science	1	Economics	0.5	Spanish 3	1		
English 10	1			Physics	1	Exploring Mental Health [PSY140]	0.5	Spanish 4	1		
English 11	1					Intro to Geography [GEO111]	0.5				
World Literature	0.5					Intro to Philosophy [PHI101]	0.5				
						Intro to Psychology [PSY111]	0.5				
						Intro to Sociology [SOC110]	0.5				
						Principles of Macroecon [ECN120]	0.5				
						Psychology	0.5				
						Social Sciences 09	0.5				
						Sociology	0.5				
						Stress & Stress Management [PSY172]	0.5				
						U.S. Wars/Military Conflicts	0.5				
						Wstrn Civ: Ancient to Early Modern [HIS112]	0.5				
						Women's History: United States [HIS274]	0.5				
						World History	1				
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.