



2025 RAI Core Course List



IOWA STATE
UNIVERSITY

University of
Northern Iowa

THE UNIVERSITY
OF IOWA

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

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

Source: 2024-2025 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*
Biblical Literature	0.5	Algebra 1	1	Biology	1	Adv Sociology	0.5	Spanish 1	1	Computer Sci Principles	1
Composition	1	Algebra 2	1	Chemistry	1	American Government	0.5	Spanish 2	1		
Composition I [ENG105]	0.5	AMPED On Algebra	1	Natural Physical Science	1	American History	1	Spanish 3	1		
Composition II [ENG106]	0.5	Geometry	1	Physical Science	1	Developmental Psychology	0.5	Spanish 4	1		
Creative Writing	0.5	Pre-Calculus [MAT129]	0.5	Physics	1	Developmental Psychology [PSY121]	0.5				
Creative Writing [ENG221]	0.5	Statistics	0.5	Zoology	1	Economics	0.5				
English 09	1	Statistics [MAT157]	0.5			Educational Psychology [PSY281]	0.5				
English 10	1	Trigonometry/Pre-Calculus	1			InterNtnl Relations [POL121]	0.5				
English 11	1					Intro to Ethics [PHI105]	0.5				
Fund of Oral Comm [SPC101]	0.5					Intro to Philosophy [PHI101]	0.5				
Interpersonal & Small Grp Comm [SPC126]	0.5					Intro to Psychology	0.5				
Intro to Lit [LIT101]	0.5					Intro to Psychology [PSY111]	0.5				
World Literature	0.5					Intro to Sociology	0.5				
						Intro to Sociology [SOC110]	0.5				
						Iowa History [HIS201]	0.5				
						Marriage & Family [SOC120]	0.5				
						Principles of Macroecon [ECN120]	0.5				
						U.S. History Since 1877 [HIS152]	0.5				
						U.S. History to 1877 [HIS151]	0.5				
						Wars & Conflicts 20th Century	0.5				
						Wars & Conflicts Rise/Imperialism	0.5				
						Wstrn Civ: Ancient to Early Modern [HIS110]	0.5				

MARTENSDALE-ST MARYS JR-SR HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)

Source: 2024-2025 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*
			Wstrn Civ: Early Modern to Present [HIS111]	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.

Updated: 7/16/2025