



2018 RAI Core Course List



IOWA STATE
UNIVERSITY



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. Because your school issues class rank, your RAI formula is:

- (2 x ACT composite score)
- + (1 x percentile high school rank)
- + (20 x high school GPA)
- + (5 x number 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, 99% is the top value for high school rank, 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.

SIOUX CENTER HIGH SCHOOL, SIOUX CENTER, CORE COURSES APPROVED FOR RAI

Source: 2017-2018 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)

English	CU*	Math	CU*	Science	CU*	Social Studies	CU*	World Languages	CU*
College Prep English	1	Algebra 1	1	Advanced Chemistry	1	American Government	0.5	Spanish 1	1
Composition 1 [ENG 105]	0.5	Algebra 1-3-1	0.33	Biology	1	American History	1	Spanish 2	1
Composition 2 [ENG 106]	0.5	Algebra 1-3-2	0.33	Chemistry	1	Developmental Psychology [PSY121]	0.5	Spanish 3	1
Creative Writing Workshop	0.5	Algebra 1-3-3	0.33	General Science	1	Economics	0.5	Spanish 4	1
English 1	1	Algebra 2	1	Human Anat & Phys 1 [BIO 165]	0.5	Geography & World Cultures	0.5		
English 2	1	Algebra 2-3-1	0.33	Intro Biology [BIO 102]	0.5	Intro to Ethics [PHI 105]	0.5		
English 3	1	Algebra 2-3-2	0.33	Intro to Earth Sci [PHS 185]	0.5	Intro to Philosophy [PHI 101]	0.5		
Writing for Publication	1	Algebra 2-3-3	0.33	Physical Science	1	Intro to Political Sci [POL 110]	0.5		
		Calculus	0.5	Physics	1	Intro to Psychology [PSY 111]	0.5		
		College Algebra [MAT 121]	0.5	Physiology	1	Intro to Sociology [SOC 110]	0.5		
		Geometry	1			Mexican History	0.5		
		Geometry 3-1	0.33			Principles of Macroecon [ECN 120]	0.5		
		Geometry 3-2	0.33			Principles of Microecon [ECN 130]	0.5		
		Geometry 3-3	0.33			Psychology	0.5		
		Pre-Calculus	0.5			Sociology	0.5		
		Statistics	0.5			US History since 1877 [HIS 152]	0.5		
						US History to 1877 [HIS 151]	0.5		
						Wstrn Civ: Ancient to Modern [HIS 110]	0.5		
						Wstrn Civ: Modern to Present [HIS 111]	0.5		
						World History	1		
Total English		Total Math		Total Science		Total Social Studies		Total World Languages	

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