



2018 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. 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)

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.

Regent Admission Index Score

WEST HIGH SCHOOL-SIOUX CITY, SIOUX CITY, 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*
AP Creative Writing Pre	0.5	Advanced Calculus	0.5	Advanced Biology	1	Abnormal Psychology [PSY241]	0.33	AP Spanish	1
AP English Lit & Comp	1	Algebra 1	1	AP Biology	1	American Government	0.5	Elem German 1 [FLG 141]	0.44
Composition 1 [ENG 105]	0.33	Algebra 1B	1	AP Chemistry	2	American History	1	Elem German 2 [FLG 142]	0.44
Composition 2 [ENG 106]	0.33	Algebra 2	1	AP Environmental Science	1	AP American History	1	Elem Spanish 1 [FLS 141]	0.44
Debate	0.5	AP Statistics	1	Biology	1	AP European History	1	Spanish 1	1
English 1	0.5	Calculus 1 [MAT211]	0.5	Chemistry	1	AP Psychology	1	Spanish 2	1
English 1	1	Calculus 2 [MAT217]	0.5	College Physics 1 [PHY162]	0.5	AP PsychologyPre	0.5	Spanish 3	1
English 2	0.5	Calc w/Analytic Geom	0.5	College Physics 2 [PHY172]	0.5	AP U.S. Govt & Politics	1	Spanish 4	1
English 2	1	College Algebra [MAT121]	0.44	Earth & Space Science	1	Basic Reasoning [PHI111]	0.33		
English 3	0.5	Geometry	1	Field Biology	1	Developmental Psychology [PSY121]	0.33		
English 3	1	Honors Algebra 2	1	Human Anat & Phys 2 w/lab [BIO 174]	0.56	Diversity [SOC212]	0.33		
English 4	0.5	Honors Geometry	1	Human Anat & Phys IA w/lab [BIO 169]	0.56	Humanities	0.5		
English 4	1	Pre-Calculus	1	Physical Science	1	Intro to Ethics [PHI105]	0.33		
Honors English 1	1			Physics	1	Intro to Psychology [PSY111]	0.33		
Honors English 2	1			Principles of Astronomy [PHS 142]	0.33	Intro to Sociology [SOC 110]	0.33		
Honors English 3	1			Principles of Engrg [EG T410]	1	Psychology	0.5		
Mass Communication	1					Sociology	0.5		
Public Speaking [SPC112]	0.33					Wstrn Civ: Ancient to Modern [HIS 110]	0.33		
						World Cultures	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.