

2022 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)

Regent Admission Index Score

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.

BOONE HIGH SCHOOL, BOONE, CORE COURSES APPROVED FOR RAI

Source: 2021-2022 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*
9th Honors English	0.5	Adv Algebra 2	1	AP Environmental Science	0.5	Abnormal Psychology [PSY241]	0.5	Spanish 1	1		
Adv Comm/Journalism	1	Algebra 1	1	AP/Honors Physics	1	American Government	0.5	Spanish 2	1		
Adv Composition	0.5	Algebra 2	1	Biology	1	American History	1	Spanish 3	1		
AP Lit & Comp	1	AP Statistics (Online)	0.5	Chemistry	1	American Ntnl Govt [POL111]	0.5	Spanish 4	1		
Children's Lit [LIT105]	0.5	Calculus I [MAT211]	0.5	Classical Physics I [PHY213]	0.5	Ancient & Medieval Warfare	0.5				
Communication Methods	0.5	Calculus II [MAT217]	0.5	Conceptual Chemistry	1	AP Government	0.5				
Communications/Journalism	1	Calculus III [MAT219]	0.5	Ecology of Iowa [BIO145]	0.5	AP Human Geography	1				
Composition I [ENG105]	0.5	College Algebra [MAT121]	0.5	Environmental Science	0.5	AP Macroeconomics	0.5				
Composition II [ENG106]	0.5	Diff Eqtns w/ Laplace [MAT227]	0.5	Env Sci [ENV115]	0.5	AP Psychology	1				
English 1	1	Geometry	1	General Biology I [BIO112]	0.5	Applied Perspectives Psychology, Why Try 09-10	0.5				
English 2	1	Pre-Calculus 1	0.5	Honors Chemistry	0.5	Applied Perspectives Psychology, Why Try 11-12	0.25				
English 3	1	Pre-Calculus 2	0.5	Human Anat & Phys	0.5	Conflicts in U.S. History	0.5				
Fund of Oral Comm [SPC101]	0.5	Statistics	0.5	Marine Biology	0.5	Developmental Psychology [PSY121]	0.5				
Honors English 2	0.5	Statistics [MAT157]	0.5	Physics	1	History of Sport	0.5				
Myths, Legends, & Folklore	0.5			PLTW - Principles of Engrg [EGT410]	0.5	Intro to Ethics [PHI105]	0.5				
Science Fiction [LIT166]	0.5			Principles of Adv Science	0.5	Intro to Philosophy [PHI101]	0.5				
				Principles of Adv Science	1	Intro to Psychology [PSY111]	0.5				
				Sustainable Living [ENV103]	0.5	Intro to Sociology [SOC110]	0.5				
				Zoology	0.5	Principles of Macroecon [ECN120]	0.5				
						Principles of Microecon [ECN130]	0.5				
						Psychology	0.5				
						Social Problems [SOC115]	0.5				

BOONE 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*
						Social Psychology [PSY251]	0.5				
						Wstrn Civ: Ancient to Early Modern [HIS112]	0.5				
						Wstrn Civ: Early Modern to Present [HIS113]	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: 7/19/2022