2026 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: 2025-2026 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 1	0.5	Algebra 1	1	AP Chemistry (Online)	0.5	9GA American History	1	German 1 (Online)	0.5		
Adv Comm/Journalism	0.5	Algebra 2	1	Biology	1	Abnormal Psychology (Online) [PSY241]	0.5	Spanish 1	1		
American Lit [LIT111]	0.5	Alg 2 w/ Pre-Calc	1	Biology [BIO112]	0.5	African American History [HIS257]	0.5	Spanish 2	1		
American Lit to Mid 1800S [LIT110]	0.5	Basic Math Skills	0.5	Chemistry	1	America in the Movies [HUM121]	0.5	Spanish 3	1		
American Short Stories	0.5	Calculus 1 [MAT211]	0.5	Conceptual Chemistry	1	American Government	0.5	Spanish 4	1		
Childrens Lit (Online) [LIT105]	0.5	Calc 2 (Online) [MAT217]	0.5	Earth Science	1	American History	1	Spanish 5	0.5		
Communication Methods	0.5	Geometry	1	Environmental Science	1	American Nat Govt (Online) [POL111]	0.5				
Communications/Journalism	1	Pre-Calculus	0.5	Env Sci (Online) [ENV115]	0.5	Ancient & Medieval Warfare	0.5				
Composition	0.5	Priority Geometry	1	Env Sci Lab (Online) [ENV116]	0.5	AP Government	0.5				
Composition 1 (Online) [ENG105]	0.5	Statistics	0.5	Human Anat & Phys	0.5	AP Psychology	1				
Composition 1 [ENG105]	0.5	Statistics (Online) [MAT156]	0.5	Intro to General Chemistry [CHM122]	0.5	Composition Govt & Politics (Online) [POL125]	0.5				
Composition 2 (Online) [ENG106]	0.5			Marine Biology	0.5	Conflicts in U.S. History	0.5				
Composition 2 [ENG106]	0.5			Natural Resources	0.5	Current Issues	0.5				
Creative Writing [ENG221]	0.5			Nutrition (Online) [BIO151]	0.5	Developmental Psychology (Online) [PSY121]	0.5				
Detective Fiction (Online) [LIT188]	0.5			Physical Science	1	Economics	0.5				
English 1	0.5			Physics	1	Honors American History	1				
English 1	1			Principles of Engrg [EGT410]	0.5	Human Origins (Online) [ANT202]	0.5				

BOONE HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)

Source: 2025-2026 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*
English 2	0.5			Priority Physical Science	0.5	Intro to Ethics (Online) [PHI105]	0.5				
English 2	1			Zoology	0.5	Intro to Geography [GEO111]	0.5				
English 3	1					Intro to Philosophy (Online) [PHI101]	0.5				
Fund of Oral Comm (Online) [SPC101]	0.5					Intro to Psychology (Online) [PSY111]	0.5				
Honors English 2	0.5					Intro to Sociology (Online) [SOC110]	0.5				
Intro to Lit [LIT101]	0.5					Juvenile Delinquency (Online) [CRJ201]	0.5				
Literature & Film Studies	0.5					Macroecon (Online) [ECN120]	0.5				
Myths Legends & Folklore	0.5					Principles of Microecon (Online) [ECN130]	0.5				
Priority English 2	0.5					Priority World History	0.5				
Sci Fiction (Online) [LIT166]	0.5					Psychology	0.5				
						Social Problems (Online) [SOC115]	0.5				
						Sociology	0.5				
						Survey World Religions [REL101]	0.5				
						U.S. History	0.5				
						Wstrn Civ Ancient to Early Modern [HIS110]	0.5				
						Wstrn Civ Modern to Present [HIS111]	0.5				
						Why Try?	0.25				
						World Geography & Cultures	1				
						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: 8/26/2026