2023 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)

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: 2022-2023 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 Biology	0.5	9GA American History	1	Spanish 1	1		
Adv Comm/Journalism	1	Algebra 1	1	AP Chemistry	1	Abnormal Psychology [PSY241]	0.5	Spanish 2	1		
African American Lit [LIT130]	0.5	Algebra 2	1	AP Environmental Science	0.5	American Government	0.5	Spanish 3	1		
American Short Stories	0.5	AP Statistics (Online)	0.5	Astronomy [PHS152]	0.5	American History	1	Spanish 4	1		
Basic English Composition	0.5	Basic Math Skills	0.5	Biology	1	American History 2 (Bk Only)	0.5	Spanish 5	0.5		
Communication Methods	0.5	Calculus I [MAT211]	0.5	Chemistry	1	American Ntnl Govt [POL111]	0.5				
Communications/Journalism	1	Calculus II [MAT217]	0.5	Classical Physics I [PHY213]	0.5	AP Government	0.5				
Composition	0.5	College Algebra [MAT121]	0.5	Conceptual Chemistry	1	AP Microeconomics	0.5				
Composition I [ENG105]	0.5	Geometry	1	Earth Science	1	AP Psychology	1				
Composition II [ENG106]	0.5	Pre-Calculus 1	0.5	Ecology of Iowa [BIO145]	0.5	AP U.S. (Online)	0.5				
Creative Writing [ENG221]	0.5	Pre-Calculus 2	0.5	Environmental Science	1	AP U.S. History	0.5				
Detective Fiction [LIT188]	0.5	Pre-Calculus [MAT129]	0.5	Env Sci Lab [ENV116]	0.5	Applied Perspectives Psychology, Why Try 09-10	0.5				
English 1	0.5	Statistics	0.5	Env Sci [ENV115]	0.5	Applied Perspectives Psychology, Why Try 11-12	0.25				
English 1	1	Statistics [MAT157]	0.5	General Biology I [BIO112]	0.5	Comparative Govt & Politics [POL125]	0.5				
English 2	0.5			Honors Chemistry	0.5	Current Issues	0.5				
English 2	1			Human Anat & Phys	0.5	Developmental Psychology [PSY121]	0.5				
English 3	1			Marine Biology	0.5	Economics	0.5				
Fund of Oral Comm [SPC101]	0.5			Natural Resources	0.5	Human Origins [ANT202]	0.5				
Honors English 2	0.5			Nutrition [BIO151]	0.5	Intro to Ethics [PHI105]	0.5				
Intro to Lit [LIT101]	0.5			Physical Science	1	Intro to Philosophy [PHI101]	0.5				
Myths Legends & Folklore	0.5			Physics	1	Intro to Psychology [PSY111]	0.5				
				PLTW - Principles of Engrg [EGT410]	0.5	Intro to Sociology [SOC110]	0.5				

English	Yrs*	Math	Yrs*	Science	Yrs*	Social Studies	Yrs*	World Languages	Yrs*	Computer Science	Yrs*
				Principles of Adv Science	1	Juvenile Delinquency [CRJ201]	0.5				
				Sustainable Living [ENV103]	0.5	Principles of Macroecon [ECN120]	0.5				
				Zoology	0.5	Principles of Microecon [ECN130]	0.5				
						Psychology	0.5				
						Social Problems [SOC115]	0.5				
						Social Psychology [PSY251]	0.5				
						Sociology	0.5				
						Sociology (Online)	0.5				
						Survey of World Religions [REL101]	0.5				
						U.S. History	1				
						Wstrn Civ: Ancient to Early Modern [HIS112]	0.5				
						Women's History: United States [HIS274]	0.5				
						World Geography & Cultures	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.