



IOWA STATE
UNIVERSITY



THE UNIVERSITY
OF IOWA



2025 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)

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.

Regent Admission Index Score

FORT MADISON HIGH SCHOOL, FORT MADISON, CORE COURSES APPROVED FOR RAI
Source: 2024-2025 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*
American Literature	1	Algebra 1	1	Biology: Cells	0.5	American Government	0.5	Spanish 1	1		
AP English Lit & Comp	1	Algebra 2	1	Biology: Evolutionary Ecology	0.5	American Ntnl Govt [POL111]	0.5	Spanish 2	1		
AP Lang & Comp	1	Geometry	1	Chemistry	1	AP Psychology	1	Spanish 3	1		
British Literature	1	Honors Algebra 1	1	Earth & Space Science	0.5	Developmental Psychology [PSY121]	0.5	Spanish 4	1		
Composition I [ENG105]	0.5	Honors Geometry	1	Honors Biology: Cells	0.5	Economics	0.5				
Composition II [ENG106]	0.5	Intermediate Alg [MAT102]	0.5	Hnrs Biology: Evolutionary Ecology	0.5	Geography	0.5				
English 09	1	Pre-Calculus [MAT128]	0.5	Hnrs Earth & Space Sci	0.5	Intro to Humanities [HUM101]	0.5				
English 10	1	Statistics	0.5	Hnrs Human & Env Sustainability	0.5	Intro to Psychology [PSY111]	0.5				
Honors English 09	1	Statistics [MAT156]	0.5	Human & Env Sustainability	0.5	Intro to Sociology [SOC110]	0.5				
Honors English 10	1			Intro to Chemistry	0.5	Multicultural Perspectives [HUM114]	0.5				
Public Speaking [SPC112]	0.5			Intro to Physics	0.5	Principles of Microecon [ECN130]	0.5				
				Microbiology	0.5	Psychology	0.5				
				Physics	1	Sociology	0.5				
				Zoology	0.5	U.S. History	1				
						U.S. History 1945 to Present [HIS251]	0.5				
						U.S. History Since 1877 [HIS152]	0.5				
						World Affairs	0.5				
						World History	0.5				
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.