



IOWA STATE
UNIVERSITY



THE UNIVERSITY
OF IOWA



2024 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

MOUNT VERNON HIGH SCHOOL, MOUNT VERNON, CORE COURSES APPROVED FOR RAI
Source: 2023-2024 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*
African American Lit	0.5	Algebra 1	1	Anatomy & Physiology	1	American Ntnl Govt [POL111]	0.5	American Sign Lang I [ASL141]	0.5	AP Computer Science A	1
AP English Lang & Comp	1	Algebra 2	1	AP Chemistry	1	AP Macroeconomics	0.5	Elem French I [FLF141]	0.5		
AP English Lit & Comp	1	AP Calculus AB	1	Biology	1	AP Microeconomics	0.5	Elem French II [FLF142]	0.5		
Composition I [ENG105]	0.5	Calculus II [MAT216]	0.5	Chemistry 1	0.5	AP Psychology	0.5	Elem German I [FLG141]	0.5		
Composition II [ENG106]	0.5	Calculus III [MAT219]	0.5	Chemistry 2	0.5	AP U.S. History	1	German 1	1		
Elements of Writing [ENG101]	0.5	Geometry	1	College Prep Physics	1	AP World History	1	German 2	1		
English 1	1	Hnrs Pre-Calc & Trig	1	Earth Science	1	Criminal Justice	0.5	German 3	1		
English 2	0.5	Statistics [MAT157]	0.5	Env Sci [ENV115]	0.5	Culture & Technology [HUM190]	0.5	Honors German 4	1		
Fiction Writing	0.5			Honors Biology	1	Developmental Psychology [PSY121]	0.5	Intermediate Spanish I [FLS241]	0.5		
Film As Literature	0.5			Human Biology [BIO154]	0.5	Honors U.S. History	1	Intermediate Spanish II [FLS242]	0.5		
Forms of Lit: Film Adaptation [LIT209]	0.5			Human Evolution [BIO195]	0.5	InterNtnl Relations [POL121]	0.5	Spanish 1	1		
Fund of Oral Comm [SPC101]	0.5			Physics 1	0.5	Intro to Law [PRL103]	0.5	Spanish 2	1		
Interpersonal Comm	0.5					Intro to Psychology [PSY111]	0.5	Spanish 3	1		
Intro to Theatre Lit	0.5					Intro to Sociology [SOC110]	0.5	Spanish 4	1		
Journalism	0.5					Political Science	0.5				
Modern Literature	0.5					Principles of Macroecon [ECN120]	0.5				
Mystery Stories	0.5					Principles of Microecon [ECN130]	0.5				
Mythology [LIT180]	0.5					Psychology	0.5				
Popular Literature	0.5					Social Psychology [PSY251]	0.5				
Speech	0.5					Sociology	0.5				
						Sports in American Society	0.5				
						Survey of World Religions [REL101]	0.5				

MOUNT VERNON HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)

Source: 2023-2024 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*
			U.S. History	1		
			U.S. History since 1877 [HIS152]	0.5		
			West & the World I: Ancient to Medieval [HIS126]	0.5		
			West & the World III: Enlightenment to Modern [HIS128]	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.