



# 2025 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)

*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

## MARSHALLTOWN HIGH SCHOOL, MARSHALLTOWN, 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*
AP Lit & Comp	1	Adv Algebra 1	0.5	Adv Biology	1	Abnormal Psychology	0.5	AP Spanish	1		
Composition I [ENG105]	0.5	Algebra 1	1	Biology	1	Addictions [PSY242]	0.5	Heritage Spanish 1	1		
Composition II [ENG106]	0.5	Algebra 1 Honors	1	Chemistry	1	American History 2	0.5	Heritage Spanish 2	1		
Creative Writing	0.5	Algebra 1B	1	General Chemistry I [CHM165]	0.5	American Ntnl Govt [POL111]	0.5	Heritage Spanish 3	1		
Diverse Voices in American Lit [LIT136]	0.5	Algebra 2	1	General Chemistry II [CHM175]	0.5	AP Human Geography	0.5	Spanish 1	1		
English 09	1	Algebra 2 Honors	1	Human Anatomy	0.5	Developmental Psychology [PSY121]	0.5	Spanish 2	1		
English 09 Honors	1	Calculus I [MAT210]	0.5	Human Biology w/lab [BIO156]	0.5	General Psychology	0.5	Spanish 3	1		
English 10	1	Calculus II [MAT216]	0.5	Organic Chemistry	0.5	Government	0.5	Spanish 4	1		
English 10 Honors	1	Calculus III [MAT219]	0.5	Physical Science	1	Health Psychology [PSY171]	0.5				
English 11	1	Diff Eqtns [MAT267]	0.5	Physics	1	Intro to Ethics [PHI105]	0.5				
English 12	1	Geometry	1	PLTW - Principles of Engrg POE	0.5	Intro to Philosophy [PHI101]	0.5				
Interpersonal Comm [SPC122]	0.5	Pre-Calculus [MAT129]	0.5	PLTW - Principles of Engrg [EGT410]	0.5	Intro to Psychology [PSY111]	0.5				
Mythology	0.5	Statistics [MAT156]	0.5	Pre General Chemistry	0.5	Intro to Sociology [SOC110]	0.5				
Public Speaking [SPC112]	0.5			Principles of Astronomy [PHS142]	0.5	Juvenile Delinquency [CRJ201]	0.5				
Speech	0.5					Marriage & Family [SOC120]	0.5				
Technical Writing [ENG111]	0.5					Modern U.S. History	0.5				
						Principles of Microecon [ECN130]	0.5				
						Social Problems [SOC115]	0.5				
						Social Psychology [PSY251]	0.5				
						Sociology	0.5				
						Survey of World Religions [REL101]	0.5				
						U.S. History Since 1877 [HIS152]	0.5				

**MARSHALLTOWN HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)**

*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*
			U.S. History to 1877 [HIS151]	0.5		
			Wstrn Civ: Ancient to Early Modern [HIS110]	0.5		
			Wstrn Civ: Early Modern to Present [HIS111]	0.5		
			World History	0.5		
<b>Total English</b>	<b>Total Math</b>	<b>Total Science</b>	<b>Total Social Studies</b>	<b>Total World Languages</b>	<b>Total Computer Science</b>	

\* The numbers in this column should be multiplied by 5 to determine the number of RAI points awarded for the course.