



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

## AMES HIGH SCHOOL, AMES, 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*
Activism & Social Justice Lit	0.5	Adv Algebra 2	1	Adv Biology	0.5	Abnormal Psychology [PSY241]	0.5	French 1	1	Computer Science	0.5
Adv Journalism (The Web)	1	Algebra 1	1	Adv Chemistry	0.5	African American History [HIS257]	0.5	French 2	1		
American Literature	1	Algebra 1 AB	1	Adv Physics	0.5	AP European History	1	French 3	1		
AP English Lang & Comp [ENG105]	0.5	Algebra 2	1	AP Biology	1	AP Psychology	0.5	French 4	1		
AP English Lang & Comp [ENG106]	0.5	AP Calculus AB	0.5	AP Chemistry	1	AP U.S. Govt/Politics	0.5	German 1	1		
AP English Lit & Comp [LIT101]	0.5	AP Calculus AB [MAT211]	0.5	AP Focus 2: Biology	0.5	AP U.S. History	1	German 2	1		
AP English Lit & Comp [LIT185]	0.5	College Algebra [MAT121]	0.5	AP Focus 3: Physics	0.5	Economics	0.5	German 3	1		
Basic Composition	0.5	Geometry	1	AP Focus 4: Chemistry	0.5	Encounters in Humanities [HUM116]	0.5	German 4	1		
Composition I [ENG105]	0.5	Geometry AB	1	AP Physics	1	Essential Govt/Civics	0.5	Heritage Spanish	1		
Composition II [ENG106]	0.5	Pre-Calculus	0.5	Astronomy [PHS152]	0.5	Essential Sociology	0.5	Spanish 1	1		
Creative Writing	0.5	Pre-Calculus [MAT129]	0.5	Env Sci Lab [ENV116]	0.5	Essential U.S. History	1	Spanish 2	1		
Creative Writing [ENG221]	0.5	Statistics [MAT156]	0.5	Env Sci [ENV115]	0.5	Essential World Studies	0.5	Spanish 3	1		
English 09 Literature	0.5			Essential Physical Sci	1	Honors World Studies	1	Spanish 4	1		
English 09 Workshop	0.5			Essential Sci Life Systems	1	InterNtl Relations [POL121]	0.5				
Fund of Oral Comm [SPC101]	0.5			Foundations Biology	0.5	Intro to Film [HUM120]	0.5				
Horror Literature	0.5			Foundations of Biology	0.5	Intro to Geography [GEO111]	0.5				
Intro to Journalism	0.5			Foundations of Chemistry	0.5	Marriage & Family [SOC120]	0.5				
Intro to Lit [LIT101]	0.5			Foundations of Earth & Space	1	Minority Group Relations [SOC200]	0.5				
Multimedia Composition	0.5			Foundations of Physics	0.5	Non-Western World	0.5				
Mythology, Fantasy, Folklore	0.5			General Biology I [BIO112]	0.5	Regional Geography of the NonWstrn World [GEO124]	0.5				
Sci Fiction Lit	0.5			Human Anat & Phys I [BIO168]	0.5	Sociology	0.5				
Sheltered English (ELD) 1	1			Physical Science	1	U.S. Government	0.5				

**AMES 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*
Sheltered English (ELD) 2	1					U.S. History	1				
Speech 1	0.5					Wstrn Civ: Early Modern to Present [HIS111]	0.5				
Survey of Lit (10th)	0.5					Western Civilization 1	0.5				
Survey of Lit (12th)	0.5					Western Civilization 2	0.5				
World Lit II [LIT151]	0.5					World Issues	0.5				
						World Studies	1				
<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.