



# 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)

*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: 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*
Activism & Social Justice Lit	0.5 Adv Algebra 2	1 Adv Biology	0.5 AP European History	1 French 1	1 AP Computer Sci A Java (Online)	0.5
Adv Journalism (The Web)	1 Algebra 1	1 Adv Chemistry	0.5 AP Macroecon (Online)	0.5 French 2	1 Computer Science	0.5
American Literature	1 Algebra 1 AB	1 Adv Environmental Science	0.5 AP Microecon (Online)	0.5 French 3	1	
AP English Lang & Comp [ENG105]	0.5 Algebra 2	1 Adv Physics	0.5 AP Psychology	0.5 French 4	1	
AP English Lang & Comp [ENG106]	0.5 AP Calculus AB	0.5 AP Biology	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 Chemistry	1 AP U.S. History	1 German 2	1	
AP English Lit & Comp [LIT185]	0.5 AP Statistics (Online)	0.5 AP Focus 1: Earth Science	0.5 Economics	0.5 German 3	1	
Basic Composition	0.5 Calculus II [MAT217]	0.5 AP Focus 2: Biology	0.5 Essential Govt/Civics	0.5 German 4	1	
Composition I [ENG105]	0.5 College Algebra [MAT121]	0.5 AP Focus 3: Physics	0.5 Essential Sociology	0.5 Heritage Spanish	1	
Creative Writing	0.5 Geometry	1 AP Focus 4: Chemistry	0.5 Essential U.S. History	1 Spanish 1	1	
Creative Writing [ENG221]	0.5 Geometry AB	1 AP Physics	1 Essential World Studies	1 Spanish 2	1	
English 09 Literature	0.5 Pre-Calculus	0.5 Astronomy [PHS152]	0.5 Honors World Studies	1 Spanish 3	1	
English 09 Workshop	0.5 Pre-Calculus [MAT129]	0.5 Essential Sci Earth Systems	1 Non-Western World	0.5 Spanish 4	1	
Horror Literature	0.5 Sheltered Algebra 1	1 Essential Sci Life Systems	1 Sociology	0.5		
Intro to Journalism	0.5 Statistics [MAT157]	0.5 Essential Sci Physical Systems	1 Survey of World Religions [REL101]	0.5		
Lit Resistance Movements	0.5	Foundations of Biology	1 U.S. Government	0.5		
Multimedia Composition	0.5	Foundations of Chemistry	0.5 U.S. History	1		
Mythology, Fantasy, Folklore	0.5	Foundations of Earth & Space	1 Western Civilization 1	0.5		
Sci Fiction Lit	0.5	Foundations of Physics	0.5 Western Civilization 2	0.5		
Shakespeare	0.5	Science of Earth Systems	1 World Issues	0.5		
Sheltered English (ELD) 1	1	Science of Life Systems	1 World Studies	1		
Sheltered English (ELD) 2	1	Systems of Physical Sci	1			

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

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*
Speech 1	0.5					
Survey of Lit (10th)	0.5					
Survey of Lit (11th-12th)	0.5					
Women Writers [LIT190]	0.5					
World Lit II [LIT151]	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.