



2022 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.

$$\begin{aligned}
 &+ (3 \times \text{ACT composite score}) \\
 &+ (30 \times \text{high school GPA}) \\
 &+ (5 \times \text{number of years of high school core courses})
 \end{aligned}$$

Regent Admission Index Score

IOWA STATE
UNIVERSITY



THE UNIVERSITY
OF IOWA

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.

AMES HIGH SCHOOL, AMES, CORE COURSES APPROVED FOR RAI

Source: 2021-2022 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	
Adv Journalism (The Web)	1 Algebra 1	1 Adv Chemistry	0.5 AP Macroecon (Online) (ELP)	0.5 French 2	1	
American Literature	1 Algebra 1 AB	1 Adv Environmental Science	0.5 AP Microecon (Online) (ELP)	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. Government	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) (ELP)	0.5 AP Focus 1: Earth Science	0.5 Economics	0.5 German 3	1	
Basic Composition	0.5 Geometry	1 AP Focus 2: Biology	0.5 Honors World Studies	1 German 4	1	
Creative Writing (10)	0.5 Geometry AB	1 AP Focus 3: Physics	0.5 Non-Western World	0.5 Heritage Spanish	1	
Creative Writing [ENG221] (11,12)	0.5 Pre-Calculus	0.5 AP Focus 4: Chemistry	0.5 Sheltered U.S. History	1 Spanish 1	1	
English 09 Literature	0.5 Pre-Calculus [MAT129]	0.5 AP Physics	1 Sociology	0.5 Spanish 2	1	
English 09 Workshop	0.5 Sheltered Algebra 1	1 Foundations of Biology	1 U.S. Government	0.5 Spanish 3	1	
Horror Literature	0.5 Statistics [MAT157]	0.5 Foundations of Chemistry	0.5 U.S. History	1 Spanish 4	1	
Intro to Journalism	0.5	Foundations of Earth Sci	1 Western Civilization 1	0.5		
Multimedia Composition	0.5	Foundations of Physics	0.5 Western Civilization 2	0.5		
Mythology, Fantasy, Folklore	0.5	Science of Earth Systems	1 World Issues	0.5		
Sci Fiction Lit	0.5	Science of Life Sys	1 World Studies	1		
Shakespeare	0.5	Systems of Physical Sci	1			
Speech 1	0.5					
Survey of Lit (11,12)	0.5					
Survey of Literature (10)	0.5					
The Lit of Resistance Movements	1					

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

Source: 2018-2019 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*
World Lit I [LIT150]	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.