



2024 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: 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*
Activism & Social Justice Lit	0.5 Adv Algebra 2	1 Adv Biology	0.5 Abnormal Psychology [PSY241]	0.5 French 1	1 AP Computer Sci A Java (Online)	0.5
Adv Journalism (The Web)	1 Algebra 1	1 Adv Chemistry	0.5 African American History [HIS257]	0.5 French 2	1 Computer Science	0.5
American Literature	1 Algebra 1 AB	1 Adv Environmental Science	0.5 AP European History	1 French 3	1	
AP English Lang & Comp [ENG105]	0.5 Algebra 2	1 Adv Physics	0.5 AP Macroecon (Online)	0.5 French 4	1	
AP English Lang & Comp [ENG106]	0.5 AP Calculus AB	0.5 AP Biology	1 AP Microecon (Online)	0.5 German 1	1	
AP English Lit & Comp [LIT101]	0.5 AP Calculus AB [MAT211]	0.5 AP Chemistry	1 AP Psychology	0.5 German 2	1	
AP English Lit & Comp [LIT185]	0.5 AP Statistics (Online)	0.5 AP Focus 1: Earth Science	0.5 AP U.S. Govt/Politics	0.5 German 3	1	
Basic Composition	0.5 Finite Math [MAT141]	0.5 AP Focus 2: Biology	0.5 AP U.S. History	1 German 4	1	
Composition I [ENG105]	0.5 Geometry	1 AP Focus 3: Physics	0.5 Economics	0.5 Spanish 1	1	
Composition II [ENG106]	0.5 Geometry AB	1 AP Focus 4: Chemistry	0.5 Essential Sociology	0.5 Spanish 2	1	
Contemp Lit [LIT185]	0.5 Pre-Calculus	0.5 AP Physics	1 Essential U.S. History	1 Spanish 3	1	
Creative Writing	0.5 Pre-Calculus [MAT129]	0.5 Astronomy [PHS152]	0.5 Essential World Studies	1 Spanish 4	1	
Creative Writing [ENG221]	0.5 Sheltered Algebra 1	1 Env Sci Lab [ENV116]	0.5 Honors World Studies	1		
Detective Fiction [LIT188]	0.5 Statistics (AHS Credit Only)	0.5 Env Sci [ENV115]	0.5 Minority Group Relations [SOC200]	0.5		
English 09 Literature	0.5 Statistics [MAT156]	0.5 Essential Sci Earth Systems	1 Non-Western World	0.5		
English 09 Workshop	0.5	Essential Sci Life Systems	1 Sociology	0.5		
Horror Literature	0.5	Essential Sci Physical Systems	1 U.S. Government	0.5		
Intro to Journalism	0.5	Foundations of Biology	1 U.S. History	1		
Intro to Lit [LIT101]	0.5	Foundations of Chemistry	0.5 Western Civilization 1	0.5		
Multimedia Composition	0.5	Foundations of Earth & Space	1 Western Civilization 2	0.5		
Mythology, Fantasy, Folklore	0.5	Foundations of Physics	0.5 World Issues	0.5		
Sci Fiction Lit	0.5	Science of Earth Systems	1 World Studies	1		

AMES 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*
Sheltered English (ELD) 1	1	Science of Life Systems	1			
Sheltered English (ELD) 2	1	Systems of Physical Sci	1			
Speech 1	0.5					
Survey of Lit (10th)	0.5					
Survey of Lit (12th)	0.5					
World Lit II [LIT151]	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.

Updated: 8/14/2024