2021 RAI Core Course List

Admission of freshmen to the lowa 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)

Regent Admission Index Score

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: 2020-2021 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)

English	Yrs*	Math		Science		Social Studies		World Languages	Yrs	* Computer Science	Yrs*
Activism & Social Justice Lit	0.5	Adv Algebra 2	1	AdvBiology	0.5	AP European History	1	French 1	1		
Adv Journalism (The Web)	1	Algebra 1	1	Ad v Ch e mistry	0.5	AP Macroecon (Online)(ELP)	0.5	French 2	1		
American Lit Civil War to Now	0.5	Algebra 1 AB	1	AdvEnvironmental Science	0.5	AP Microecon (Online) (ELP)	0.5	French 3	1		
American Lit Columbus to Civil War	0.5	Algebra 2	1	AdvPhysics	0.5	AP Psychology	0.5	French 4	1		
AP English Lang & Comp [ENG105]	0.5	AP Calculus AB	1	AP Biology	1	AP U.S. Government	0.5	German 1	1		
AP English Lang & Comp [ENG106]	0.5	AP Statistics (Online) (ELP)	0.5	AP Chemistry	1	AP U.S. History	0.5	German 2	1		
AP English Lit & Comp [LIT101]	0.5	G e o me try	1	AP Physics	1	Economics	0.5	German 3	1		
Basic Composition	0.5	G e o me try AB	1	Foundations of Biology	1	Honors World Studies	1	German 4	1		
Creative Writing	0.5	Pre-Calculus	1	Foundations of Chemistry	0.5	Non-Western World	0.5	Spanish 1	1		
Creative Writing [ENG221]	0.5	Statistics [MAT157]	0.5	Foundations of Earth Sci	1	Sheltered World Studies	1	Spanish 2	1		
Early World Lit [LIT150]	0.5			Foundations of Physics	0.5	Sociology	0.5	Spanish 3	1		
English 09	0.5			Pre-AP Science 1 Earth	0.5	U.S.Government	0.5	Spanish 4	1		
English 09 Literature	0.5			Pre-AP Science 2 Biology	0.5	U.S. History	1				
English 09 Workshop	0.5			Pre-AP Science 3 Physics	0.5	Western Civilization 1	0.5				
English 10	1			Pre-AP Sci 4 Chemistry	0.5	Western Civilization 2	0.5				
English 11	1			Science of Earth Systems	1	World Issues	0.5				
English 12	1			Science of Life Sys	1	World Studies	1				
Horror Literature	0.5			Systems of Physical Sci	1						
Intro to Journalism	0.5										
Mythology, Fantasy, Folklore	0.5										
Resist Movements in American History	0.5										
Sci Fiction Lit	0.5										

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*
Shakespeare	0.5					
Speech 1	0.5					
Survey of Literature	0.5					
World Studies	0.5					
Total English	Total Math	Total Science	Total Social Studies	Total World Language	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: 8/9/2021