

2020 RAI Core Course List





THE UNIVERSITY OF lowA



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: 2019-2020 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	0.5	Adv Algebra 2	1	AdvBiology	0.5	AP European History	1	French 1	1		
AdvJournalism (The Web)	1	Algebra 1	1	Ad v Ch e mistry	0.5	AP Macroeconomics	0.5	French 2	1		
AP English Lang & Comp [ENG 105]	0.5	Algebra 1 AB	1	Adv Environmental Science	0.5	AP Microeconomics	0.5	French 3	1		
AP English Lang & Comp [ENG 106]	0.5	Algebra 2	1	AdvPhysics	0.5	AP Psychology	1	French 4	1		
AP English Lit & Comp	1	Analytical Geom & Calc II [MAT217]	0.5	AP Biology	1	AP U.S.Government	0.5	German 1	1		
Composition I [ENG 105]	0.5	AP Calculus AB	1	AP Chemistry	1	AP U.S. History	0.5	German 2	1		
Composition II [ENG 106]	0.5	AP Statistics (ELP)	0.5	AP Physics	1	Economics	0.5	German 3	1		
Creative Writing	0.5	Geometry	1	Foundations of Biology	1	Honors World Studies	1	German 4	1		
Creative Writing [ENG 221]	0.5	G e o me try AB	1	Foundations of Chemistry	0.5	Non-Western World	0.5	Spanish 1	1		
Early World Lit [LIT150]	0.5	Pre-Calculus	1	Foundations of Earth Sci	1	Sheltered U.S. History	1	Spanish 2	1		
English 09 Literature	1	Sheltered Pre Geometry	0.5	Foundations of Physics	0.5	Sociology	0.5	Spanish 3	1		
English 09 Workshop	1	Statistics [MAT157]	0.5	Pre-AP Science 1 Earth	0.5	U.S.Government	0.5	Spanish 4	1		
English 10	0.5			Pre-AP Science 2 Biology	0.5	U.S. History	1				
English 11	1			Pre-AP Science 3 Physics	0.5	Western Civilization 1	0.5				
English 12	1			Pre-AP Sci 4 Chemistry	0.5	Western Civilization 2	0.5				
Enrichment English	0.5			Science of Earth Systems	1	World Issues	0.5				
Intro to Journalism	0.5			Science of Life Systems	1	World Studies	1				
Resist Movements in American History	0.5			Sci of Physical Systems	1						
Sci Fiction Lit	0.5										
Shakespeare	0.5										
Speech 1	0.5										
Survey of Literature	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*			Yrs* Computer Science	
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:9/16/2020