



2020 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.

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.

- (3 x ACT composite score)
- + (30 x high school GPA)
- + (5 x number of years of high school core courses)

Regent Admission Index Score

JOHNSTON SENIOR HIGH SCHOOL, JOHNSTON, 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*
Adv Freshman English	1	Algebra 1	1	Anatomy & Physiology	1	American Government	0.5	AP Spanish [FLS241]	0.5	AP Computer Sci Blended	0.5
Adv Integrated Lang Arts	1	Algebra 1	0.5	AP Biology	1	American History (Plato)	0.5	AP Spanish [FLS242]	0.5	Computer Sci Principles	1
AP Lang & Comp [ENG105]	0.5	Algebra 2	1	AP Chemistry	1	AP (APEX) Government	0.5	French 1	1		
AP Lit & Comp [LIT101]	0.5	Algebra 2/Trigonometry	1	AP Environmental Science	1	AP Macroecon (Online)	0.5	French 2	1		
AP Lit & Comp [LIT185]	0.5	Algebra 2/Trigonometry	0.5	AP Physics C	1	AP Psychology	0.5	French 3	1		
Creative Writing	0.5	AP Calculus AB [MAT211]	0.5	Astronomy	0.5	AP Psychology [PSY111]	0.5	French 4	1		
Cross Currents	0.5	AP Calculus BC	1	Biology	1	AP U.S. History	1	Spanish 1	1		
Culture Clash	0.5	AP Statistics [MAT160]	0.5	Biology in the Environment	0.5	AP World History	1	Spanish 2	1		
Freshman English	1	Geometry	1	Botany	0.5	Economics (Plato)	0.5	Spanish 3	1		
Freshmen English (Plato)	0.5	Pre-Calculus	1	Chemistry	1	Geography (Plato)	0.5	Spanish 4	1		
Genders' Game	0.5	Trigonometry/Topics	1	Chemistry in the Community	0.5	Principles of Economics	0.5				
Heroic Men & Women	0.5			Earth & Space Science	0.5	Psychology	0.5				
Integrated Language Arts	0.5			Earth Science (Plato)	0.5	Social Issues	0.5				
Journalism	0.5			Earth Science 8th	0.5	Sociology	0.5				
Junior English (Plato)	0.5			Environmental Science	0.5	Topics in History	0.5				
On the Road	0.5			Intro Biology w/Lab [BIO104]	0.5	U.S. History	1				
Pushing the Limits	0.5			Intro to Biotechnology w/Lab [BIO191]	0.5	U.S. History Blended	1				
Reading the Screen	0.5			Marine Biology I [BIO225]	0.5	Victimology [CRJ128]	0.5				
Sophomore English (Plato)	0.5			Marine Biology II [BIO227]	0.5	World History (Plato)	0.5				
Sport, Competition & Culture	0.5			Physical Science	0.5	World Studies	1				
Teen in the World	0.5			Physical Science 8th	0.5						
The Creative Mind	0.5			Physics	1						

JOHNSTON SENIOR 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*
		PLTW - Principles of Engrg [EGT410]	0.5			
		Zoology	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: 8/18/2020