



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

NORTH SCOTT SENIOR HIGH SCHOOL, ELDRIDGE, 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*
Composition I [ENG105]	0.5	Algebra 1	1	Adv Earth Science	0.5	Abnormal Psychology [PSY241]	0.5	Elem German 1 [FLG141]	0.5		
Composition II [ENG106]	0.5	Algebra 1B	1	Agricultural Biology	1	AP American Government	1	French 2 (ILO)	0.5		
Creative Writing	0.5	Algebra 2	1	Anat & Phys I [BIO168]	0.5	AP Human Geography	1	Intermediate Spanish 1 [FLS241]	0.5		
English 09/10	1	AP Calculus AB	1	Anat & Phys II [BIO173]	0.5	AP Modern World History	1	Intermediate Spanish 2 [FLS242]	0.5		
English 1	1	Calculus I [MAT210]	0.5	AP Biology	1	Child & Adolescent Psychology [PSY223]	0.5	Spanish 1 NovMid	1		
English 11/12	1	Calculus II [MAT216]	0.5	Astronomy [PHS152]	0.5	Contemporary World Issues	0.5	Spanish 2 NovHigh	1		
English 2	1	Geometry	1	Biology	1	Contemp World Issues [GLS100]	0.5	Spanish 2 NovMid	1		
English 3	1	Honors Algebra 2	1	Chemistry	1	Developmental Psychology [PSY121]	0.5	Spanish 3 InterLow	1		
English 4	1	Honors Geometry	1	Honors Biology	1	Economics	0.5	Spanish 3 NovHigh	1		
Honors English 1	1	Math Analysis	0.5	Honors Chemistry	1	Intro to Ethics [PHI105]	0.5	Spanish 4 InterLow	1		
Honors English 2	1	Pre-Calculus	1	Honors Physical Science	1	Intro to Psychology [PSY111]	0.5	Spanish 4 InterMid	1		
Intro to Lit [LIT101]	0.5	Statistics [MAT156]	0.5	Honors Physics	1	Intro to Sociology [SOC110]	0.5				
Public Speaking [SPC112]	0.5			Intro to General Chemistry [CHM122]	0.5	Modern Asian History [HIS211]	0.5				
				Physical Science	1	Psychology	0.5				
				Physics	1	Psychology of Personality [PSY236]	0.5				
				PLTW - Principles of Engrg [EGT410]	0.5	Social Problems [SOC115]	0.5				
						Sociology	0.5				
						U.S. Government	0.5				
						U.S. History	1				
						Wstrn Civl: Ancient & Medieval [HIS117]	0.5				
						World Geography	1				
						World History	1				

NORTH SCOTT 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*
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: 9/11/2020