



# 2019 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 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.

## NORTH SCOTT SENIOR HIGH SCHOOL, ELDRIDGE, CORE COURSES APPROVED FOR RAI

*Source: 2018-2019 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)*

English	CU*	Math	CU*	Science	CU*	Social Studies	CU*	World Languages	CU*
Composition 1 [ENG105]	0.5	Algebra 1	1	Adv Earth Science	1.53	Abnormal Psychology [PSY241]	0.41	French 1 (ILO)	0.5
Composition 2 [ENG106]	0.5	Algebra 2	1	Agricultural Biology	1	AP American Government	1	French 2 (ILO)	0.5
Creative Writing	0.5	AP Calculus AB	1	AP Biology	1	AP Human Geography	1	Spanish 1 Novels Mid	1
English 1	1	Calculus 1 [MAT210]	0.55	Biology	1	AP World History	1	Spanish 2 Novels High	1
English 2	1	Calculus 2 [MAT216]	0.55	Chemistry	1	Changes & Choices [HUM110]	0.41	Spanish 3 Inter Low	1
English 3	1	Calculus 3 [MAT219]	0.55	General Chemistry 1 [CHM166]	0.8	Contemporary World Issues	0.5	Spanish 4 Inter Mid	1
English 4	1	Elem Diff Eqtns w/ Laplace Transforms [MAT227]	0.55	Honors Biology	1	Developmental Psychology [PSY121]	0.41		
Honors English 1	1	Geometry	1	Honors Chemistry	1	Economics	0.5		
Honors English 2	1	Math Analysis	0.5	Honors Physical Science	1	Humanities of the Early World [HUM135]	0.41		
Honors English 3	1	Pre-Calculus	1	Honors Physics	1	Intro to Ethics [PHI105]	0.41		
Intro to Lit [LIT101]	0.5	Statistics [MAT156]	0.5	Human Anat & Phys 1 w/ Labs [BIO168]	0.67	Intro to Psychology [PSY111]	0.5		
Literature of Theater	0.5			Human Anat & Phys 2 w/ Labs [BIO173]	0.67	Intro to Sociology [SOC110]	0.5		
Public Speaking [SPC112]	0.5			Intro to General Chemistry [CHM122]	0.69	Psychology	0.5		
				Microbiology & Lab [BIO186]	0.67	Social Problems [SOC115]	0.41		
				Physical Science	1	Sociology	0.5		
				Physics	1	Survey of World Religions [REL101]	0.41		

**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	CU*	Math	CU*	Science	CU*	Social Studies	CU*	World Languages	CU*
				Principles of Engrg [EGT410]	0.5	U.S. Government	0.5		
						U.S. History	1		
						U.S. History to 1878 [HIS 151]	0.41		
						World Geography	1		
						World History	1		
<b>Total English</b>		<b>Total Math</b>		<b>Total Science</b>		<b>Total Social Studies</b>		<b>Total World Languages</b>	

\*The numbers in this column represent the Carnegie units awarded for each course. This number should be multiplied by 5 to determine the number of RAI points awarded for the course.

Updated: 8/15/2019