



# 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.

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

*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.

Regent Admission Index Score

## SOUTHEAST POLK HIGH SCHOOL, PLEASANT HILL, 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 English 1	1	Algebra 1	1	Adv Biology	1	AP Human Geography	0.5	French 1	1		
Adv English 2	1	Algebra 2	1	Adv Chemistry	1	AP Macroeconomics	0.5	French 2	1		
American Experience	1	Algebra 2 1	1	Adv Freshman Earth & Space Sci	0.5	AP Psychology	1	French 3	1		
AP Language	1	AP Calculus AB	1	Adv Freshman Physics	0.5	AP U.S. Govt & Politics	0.5	French 4	1		
AP Literature	1	AP Calculus BC	1	Anatomy	1	AP U.S. History	1	Intermediate French I [FLF241]	0.5		
College Prep Writing	0.5	AP Statistics	1	AP Biology	1	AP World History	1	Intermediate French II [FLF242]	0.5		
Composition	0.5	Finite Math [MAT141]	0.5	AP Chemistry	1	Developmental Psychology [PSY121]	0.5	Intermediate Spanish 1 [FLS241]	0.5		
Composition & Media Literacy	0.5	Geometry	1	AP Physics	0.75	Economics	0.5	Intermediate Spanish 2 [FLS242]	0.5		
Composition I [ENG105]	0.5	Pre-Calculus [MAT129]	0.5	Astronomy [PHS152]	0.5	Global Studies	1	Spanish 1	1		
Composition II [ENG106]	0.5	Statistics [MAT157]	0.5	Biology	1	Government	0.5	Spanish 2	1		
Creative Writing	0.5	Trigonometry [MAT130]	0.5	Chemistry	1	History 60s 70s 80s	0.5	Spanish 3	1		
English 1	1			Env Sci Lab [ENV116]	0.5	Human Sexuality [PSY261]	0.5				
English 2	1			Env Sci [ENV115]	0.5	Intro to Philosophy [PHI101]	0.5				
Fund of Oral Comm [SPC101]	0.5			Field Ecology [BIO138]	0.5	Intro to Sociology [SOC110]	0.5				
Intro to Lit [LIT101]	0.5			Freshman Earth & Space Sci	0.5	Law & You	0.5				
Speech Communications	0.5			Freshman Physics	0.5	Psychology	0.5				
				Opportunities in Biology [BIO100]	0.5	Social Problems [SOC115]	0.5				
				Physics	1	Sociology	0.5				
				PLTW - Principles of Engrg [EGT410]	0.5	Survey of World Religions [REL101]	0.5				
				POE Principles of Engrg 1	0.5	U.S. History	1				
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