



# 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)

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.

## ALGONA HIGH SCHOOL, ALGONA, 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*
American Lit 1900 to Contemp	0.5	Adv Math	1	Adv Biology	1	Developmental Psychology [PSY121]	0.5	Spanish 1	1		
American Lit to 1900	0.5	Algebra 1	1	Adv Chemistry	1	Government	0.5	Spanish 2	1		
AP English Lit & Comp	1	Algebra 1B	0.5	Anatomy	1	Intro to Criminal Justice	0.5	Spanish 3	1		
Cinema	0.5	Algebra 2	1	Anat & Phys I [BIO168]	0.5	Intro to Psychology [PSY111]	0.5	Spanish 4	1		
Composition I [ENG105]	0.5	AP Calculus AB	1	Anat & Phys II [BIO173]	0.5	Intro to Sociology [SOC110]	0.5				
Composition II [ENG106]	0.5	AP Statistics	1	Biology	1	Macroeconomics [ECN120]	0.5				
Contemporary Literature	0.5	College Algebra [MAT121]	0.5	Chemistry	1	Microeconomics [ECN130]	0.5				
Creative Writing	0.5	Geometry	1	College Chemistry I [CHM151]	0.5	Psychology	0.5				
Creative Writing [ENG221]	0.5	Statistics [MAT156]	0.5	College Chemistry II [CHM152]	0.5	Social Problems [SOC115]	0.5				
English 09	1	Survey of Algebra 2	0.5	General Science	1	Sociology	0.5				
English 10	1			Physics	1	U.S. History	1				
English 11	1			Survey of Science	1	U.S. History Since 1877 [HIS152]	0.5				
Fund of Oral Comm [SPC101]	0.5					U.S. History to 1877 [HIS151]	0.5				
Grammar & Comp	1					Wstrn Civ Early Modern to Present [HIS111]	0.5				
Interpersonal Comm [SPC122]	0.5					Wstrn Civ: Ancient to Early Modern [HIS110]	0.5				
Journalism	1					World Studies	1				
Mythology	0.5					World War II	0.5				
Present Day Literature	0.5										
Public Speaking	0.5										
Public Speaking [SPC112]	0.5										
<b>Total English</b>		<b>Total Math</b>		<b>Total Science</b>		<b>Total Social Studies</b>		<b>Total World Languages</b>		<b>Total Computer Science</b>	

*\*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