

2022 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.

MARSHALLTOWN HIGH SCHOOL, MARSHALLTOWN, CORE COURSES APPROVED FOR RAI

Source: 2021-2022 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*
AP Lang & Comp	1	Adv Algebra 1	0.5	Adv Biology	1	American History 2	0.5	French 3	0.5		
Composition I [ENG105]	0.5	Algebra 1	1	Astronomy	0.5	American Ntnl Govt [POL111]	0.5	Heritage Spanish 1	1		
Composition II [ENG106]	0.5	Algebra 1B	1	Biology	1	AP Human Geography	0.5	Heritage Spanish 2	1		
Creative Writing	0.5	Algebra 2	1	Chemistry	1	Contemporary U.S. Issues	0.5	Heritage Spanish 3	1		
English 09	1	Calculus I [MAT210]	0.5	General Chemistry I [CHM165]	0.5	General Psychology	0.5	Spanish 1	1		
English 09 Honors	1	Calculus II [MAT216]	0.5	General Chemistry II [CHM175]	0.5	Government	0.5	Spanish 2	1		
English 10	1	Calculus III [MAT219]	0.5	Human Anatomy	0.5	Intro to Philosophy [PHI101]	0.5	Spanish 3	1		
English 10 Honors	1	Geometry	1	Organic Chemistry	0.5	Intro to Psychology [PSY111]	0.5	Spanish 4	1		
English 11	1	Pre-Calculus	1	Physical Science	1	Principles of Macroecon [ECN120]	0.5				
English 12	1	Pre-Calculus [MAT129]	0.5	Physics	1	Principles of Microecon [ECN130]	0.5				
Minority Voices in U.S. Lit [LIT133]	0.5	Statistics & Probability	0.5	PLTW - Principles of Engrg POE	0.5	Social Problems [SOC115]	0.5				
Mythology	0.5	Statistics [MAT156]	0.5	PLTW - Principles of Engrg [EGT410]	0.5	Sociology	0.5				
Public Speaking [SPC112]	0.5			Pre General Chemistry	0.5	Survey of World Religions [REL101]	0.5				
Science Fiction	0.5					U.S. History Since 1877 [HIS152]	0.5				
Speech	0.5					U.S. History to 1877 [HIS151]	0.5				
Technical Writing [ENG111]	0.5					Wstrn Civ: Ancient to Early Modern [HIS110]	0.5				
						Wstrn Civ: Early Modern to Present [HIS111]	0.5				
						World History	1				
						World Regional Geography [GEO121]	0.5				

MARSHALLTOWN 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: 7/19/2022