2026 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.

MAQUOKETA VALLEY SENIOR HIGH SCHOOL, DELHI, CORE COURSES APPROVED FOR RAI

Source: 2025-2026 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 Literature	1	Algebra 1	1	Anatomy & Physiology	1	60's America	0.5	American Sign Lang [ASL131]	0.5	Computer Sci Principles	1
Composition 1 [ENG105]	0.5	Algebra 1B	1	AP Physics C	1	AP U.S. History	1	American Sign Lang 2 [ASL161]	0.5		
Composition 2 [ENG106]	0.5	Algebra 2	1	Biology	1	Character & Leadership	0.5	Spanish 1	1		
Creative Writing	1	AP Calculus AB	1	Chemistry	1	Criminology [CRJ200]	0.5	Spanish 2	1		
English 09	0.5	Geometry	1	Earth Science	1	Cultural Diversity & Identity [HUM108]	0.5	Spanish 3	1		
English 1	1	Intermediate Alg [MAT102]	0.5	Enviormental Sci Lab [ENV116]	0.5	Developmental Psychology [PSY121]	0.5	Spanish 4	1		
English 2	0.5	Pre-Calculus	1	Env Sci [ENV115]	0.5	Government	0.5				
English 3	1	Statistics	0.5	Human Anat & Phys 1 [BIO168]	0.5	Human Sexuality [PSY261]	0.5				
English 4	0.2	Statistics [MAT156]	0.5	Human Biology [BIO157]	0.5	Intro to Ethics [PHI105]	0.5				
English 4	1	Statistics [MAT157]	0.5	Microbiology [BIO186]	0.5	Intro to Psychology [PSY111]	0.5				
English Foundations 1	0.5			Physical Science	1	Intro to Sociology [SOC110]	0.5				
English Foundations 4	0.1			Principles of Astronomy [PHS142]	0.5	Macroeconomics [ECN120]	0.5				
English Lang & Lit English	0.5			Principles of Astronomy Lab [PHS143]	0.5	Marriage & Family [SOC120]	0.5				
Intro to Lit [LIT101]	0.5					Principles of Macroecon [ECN120]	0.5				
Public Speaking [SPC112]	0.5					Principles of Microecon [ECN130]	0.5				
Speech	0.5					Russian History & Cultures [HIS214]	0.5				
						Social Issues	0.5				
						Street Law	0.5				
						U.S. Film History [HUM123]	0.5				

MAQUOKETA VALLEY SENIOR HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)

Source: 2025-2026 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*
						U.S. History	1				
						U.S. History 1	0.5				
						U.S. History to 1877 [HIS151]	0.5				
						World History	1				
						World Regional Geography [GEO121]	0.5				
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: 8/26/2026