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.

DES MOINES CENTRAL ACADEMY, DES MOINES, 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*
09-10 English	0.5	Algebra 1	1	Accel Biology	1	Accel AP Human Geography & History	1	AP Chinese 4	1	AP Computer Science A	1
11-12 English	0.5	Algebra 1 Academy	1	Accel Chemistry	1	Accel Lang & Lit Capstone [HUM116]	0.5	AP French 4	0.5		
Accel Lang & Lit	1	Algebra 2	1	AP Biology	1	AP European History	0.5	AP French 4 [FLF242]	0.5		
Accel Lang & Lit 1	0.5	Algebra 2 Academy	1	AP Chemistry	1	AP European History 2 [HIS111]	0.5	AP German 4	1		
Accel Lang & Lit Capstone [LIT209]	0.5	AP Academy Pre-Calculus	0.5	AP Physics	1	AP Macroeconomics	0.5	AP Italian 4	0.5		
College Accel English Lang & Comp [ENG105]	0.5	AP Calculus AB	0.5	AP Physics C:	1	AP World History	0.5	AP Italian 4 [FLI242]	0.5		
College Accel English Lang & Comp [ENG106]	0.5	AP Calculus AB [MAT211]	0.5	AP Physics C: Mechanics	1	AP World History 2 [GLS235]	0.5	AP Japanese 4	1		
College Accel English Lit & Comp [LIT101]	0.5	AP Calculus BC	0.5	Aquarium Science Lab	1	Broadcasting/Film 1 [HUM120]	0.5	Chinese 1	1		
College Accel English Lit & Comp [LIT185]	0.5	AP Calculus BC [MAT217]	0.5	Astronomy	0.5	Broadcasting/Film 1 [HUM121]	0.5	Chinese 2	1		
College Technical Comm	0.25	AP Statistics	0.5	Biology	1	Government	0.5	Chinese 3	1		
Speech	0.5	AP Statistics 2 [MAT156]	0.5	Conceptual Physics	0.5	Intersectional Feminism	0.5	French 1	0.5		
		College AP Academy Pre-Calc [MAT129]	0.5	Environmental Science	0.5	Modern U.S. History	1	French 1 [FLF151]	0.5		
		Compacted Alg 2/Pre-Calc	0.5	Marine Biology/Aquarium Sci [BIO225]	0.5	Personal Economics	0.5	French 2	0.5		
		Compacted Alg 2/Pre-Calc	1	Marine Biology/Aquarium Sci [BIO227]	0.5	Sociology	0.5	French 2 [FLF152]	0.5		
		Geometry	1	Marine Biology/Aquarium Sci Lab	1			French 3	0.5		
		Geometry Academy	1	PLTW - Principles Engr [EGT410]	0.5			French 3 [FLF241]	0.5		
		Rad Accel Alg 1/Geom	1	PLTW - Principles of Engrg	0.5			German 1	1		

DES MOINES CENTRAL ACADEMY 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*
		Rad Accel Algebra 2	1					German 2	1		
		Rad Accel Geometry	1					German 3	1		
								Italian 3	0.5		
								Italian 3 [FLI241]	0.5		
								Japanese 1	1		
								Japanese 2	1		
								Japanese 3	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: 8/26/2026