



# 2025 RAI Core Course List



IOWA STATE UNIVERSITY

University of Northern Iowa

THE UNIVERSITY OF IOWA

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

**DES MOINES CENTRAL ACADEMY, DES MOINES, CORE COURSES APPROVED FOR RAI**  
*Source: 2024-2025 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 Chemistry	1	Accel AP Human Geography & History	1	AP Chinese 4	1	AP Computer Science A	1
11-12 English	1	Algebra 1 Academy	1	Accelerated Biology	1	Accelerated Early US History	1	AP French 4	0.5		
Accel Lang & Lit	1	Algebra 2	1	AP Biology	1	Adv Latin American History	1	AP French 4 [FLF242]	0.5		
Accel Lang & Lit 1	0.5	Algebra 2 Academy	1	AP Chemistry	1	America in the Movies [HUM121]	1	AP German 4	0.5	1	
Accel Lang & Lit Capstone	0.5	AP Academy Pre-Calculus	1	AP Physics	1	AP Comparative Government	1	AP Italian 4	0.5	0.5	
Accelerated Lang & Lit 2	1	AP Calculus AB	0.5	AP Physics 1	1	AP European History	1	AP Italian 4 [FLI242]	0.5	0.5	
Accelerated Lang & Lit 3	1	AP Calculus AB [MAT211]	0.5	AP Physics 2	1	AP European History [HIS111]	1	AP Japanese 4	0.5	1	
AP Lang & Comp	1	AP Calculus BC [MAT217]	0.5	AP Physics C:	1	AP Macroeconomics	1	AP Spanish 4	0.5	1	
College Technical Comm	0.5	AP Statistics	0.5	AP Physics C: Mech	1	AP U.S. History [HIS151]	1	0.5 Arabic 1	0.5	1	
Composition I [ENG105]	0.5	AP Statistics [MAT156]	0.5	Aquarium Science Lab	1	AP U.S. History [HIS152]	1	0.5 Arabic 2	0.5	1	
Composition II [ENG106]	0.5	Compacted Alg 2/Pre-Calc	0.5	Astronomy	0.5	AP World History	0.5	0.5 Arabic 3	0.5	1	
Contemp Lit [LIT185]	0.5	Compacted Alg 2/Pre-Calc S1	0.5	Biology	1	AP World History [GLS235]	1	0.5 Arabic 4	0.5	1	
Creative Writing	1	Compacted Alg 2/Pre-Calc S2	0.5	Earth Science	0.5	Encounters in Humanities [HUM116]	1	0.5 Chinese 1	0.5	1	
Forms of Lit: Film Adaptation [LIT209]	0.5	Geometry	1	Environmental Science	1	Government	1	0.5 Chinese 2	0.5	1	
Intro to Lit [LIT101]	0.5	Geometry Academy	1	Marine Biology I [BIO225]	0.5	Intersectional Feminism	0.5	0.5 Chinese 3	0.5	1	
Writing My World	0.5	Linear Alg w/Applications [MAT148]	0.5	Marine Biology II [BIO227]	0.5	Intro to Film [HUM120]	0.5	0.5 Elem French I [FLF151]	0.5	0.5	
		Rad Accel Alg 1/Geom	0.5	Marine Biology/Aquarium Sci Lab	1	Latin America [GLS230]	1	0.5 Elem French II [FLF152]	0.5	0.5	
		Rad Accel Alg 1/Geom 1	0.5	PLTW - Principles of Engrg	0.5	Modern U.S. History	0.5	1 Elem Italian I [FLI141]	0.5	0.5	
		Rad Accel Algebra 2	1	PLTW - Principles of Engrg [EGT410]	0.5	Personal Economics	0.5	0.5 Elem Italian II [FLI142]	0.5	0.5	

**DES MOINES CENTRAL ACADEMY CORE COURSES APPROVED FOR RAI (cont.)**

Source: 2024-2025 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 Geometry 1	0.5	Sociology	0.5	French 1	0.5
	Rad Accel Geometry 2	0.5			French 2	0.5
					French 3	0.5
					French 5	1
					German 1	1
					German 2	1
					German 3	1
					Intermediate French I [FLF241]	0.5
					Intermediate Italian I [FLI241]	0.5
					Intermediate Spanish I [FLS241]	0.5
					Intermediate Spanish II [FLS242]	0.5
					Italian 1	0.5
					Italian 2	0.5
					Italian 3	0.5
					Japanese 1	1
					Japanese 2	1
					Japanese 3	1
<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.