



2024 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.

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.

- (3 x ACT composite score)
- + (30 x high school GPA)
- + (5 x number of years of high school core courses)

Regent Admission Index Score

DES MOINES CENTRAL ACADEMY, DES MOINES, CORE COURSES APPROVED FOR RAI

Source: 2023-2024 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	1	Algebra 1	1	Accel Biology	1	Accel AP Human Geography & History	1	AP Chinese 4	1	AP Computer Science A	1
11-12 English	1	Algebra 1 Academy	1	AP Chemistry	1	African American History [HIS257]	1	AP French 4	0.5		
Accel Lang & Lit	1	Algebra 2	1	AP Physics	1	America in the Movies [HUM121]	1	AP French 4 [FLF242]	0.5		
Accel Lang & Lit 3	0.5	Algebra 2 Academy	1	AP Physics C	1	AP Comparative Government	1	AP German 4	0.5	1	
College Technical Comm	0.5	AP Calculus AB	0.5	Aquarium Science Lab	1	AP European History	1	AP Italian 4	0.5		
Composition I [ENG105]	0.5	AP Calculus AB [MAT211]	0.5	Astronomy	0.5	AP European History [HIS111]	0.5	AP Italian 4 [FLI242]	0.5		
Contemp Lit [LIT185]	0.5	AP Calculus BC	0.5	Biology	1	AP Macroeconomics	1	AP Japanese 4	0.5		
Creative Writing	1	AP Calculus BC [MAT217]	0.5	Chemistry	1	AP U.S. History [HIS151]	1	AP Japanese 4 [FLJ242]	0.5		
Intro to Lit [LIT101]	0.5	AP Statistics	1	Earth Science	1	AP U.S. History [HIS152]	1	AP Spanish 4	0.5	1	
		Geometry	1	Environmental Science	0.5	AP World History	0.5	Arabic 1	0.5	1	
		Geometry Academy	1	Marine Biology I [BIO225]	0.5	AP World History [GLS235]	0.5	Arabic 2	0.5	1	
		Pre-Calculus Academy	1	Marine Biology II [BIO227]	0.5	College African Americanstudies1	0.5	Arabic 3	0.5	1	
		Rad Accel Alg 1/Geom	1	Marine Biology/Aquarium Sci Lab	1	College Latin American History	1	Arabic 4	0.5	1	
		Rad Accel Geometry	1	PLTW - Principles of Engrg [EGT410]	0.5	College Middle East & Islams1	0.5	Chinese 1	0.5	1	
		Rad Accel Geom/Alg	1			Government	0.5	Chinese 2	0.5	1	
						Intersectional Feminism	0.5	Chinese 3	0.5	1	
						Intro to Film [HUM120]	0.5	Elem French I [FLF151]	0.5		
						Latin America [GLS230]	0.5	Elem French II [FLF152]	0.5		
						Modern U.S. History	1	Elem Italian I [FLI141]	0.5		
						Personal Economics	0.5	Elem Italian II [FLI142]	0.5		
						Psychology	0.5	Elem Japanese I [FLJ141]	0.5		
						Sociology	0.5	Elem Japanese II [FLJ142]	0.5		

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

Source: 2023-2024 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*
			The Middle East & Islam [GLS220]	0.5	French 1	0.5
					French 2	0.5
					French 3	0.5
					German 1	1
					German 2	1
					German 3	1
					Intermediate French I [FLF241]	0.5
					Intermediate Italian I [FLI241]	0.5
					Intermediate Japanese I [FLJ241]	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	0.5
					Japanese 2	0.5
					Japanese 3	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.