



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*
Acc Lang & Lit Capstone [LIT209]	0.5	Algebra 1	1	Accel Biology	1	Acc Lang & Lit Capstone [HUM116]	0.5	AP Chinese 4	1	AP Computer Science A	1
Acc Lang & Lit II	0.5	Algebra 1 Academy	1	Accelerated Chemistry	0.5	Accel AP Human Geography & History	1	AP French 4	0.5		
Acc Lang & Lit II	0.5	Algebra 2	1	Accelerated Chemistry	0.5	Adv Latin American History S1	0.5	AP French 4 [FLF242]	0.5		
Accel Lang & Lit	1	Algebra 2 Academy	1	AP Biology	0.5	African American History [HIS257]	0.5	AP German 4	1		
Accel Lang & Lit 3	0.5	AP Calculus AB	0.5	AP Biology	0.5	America in the Movies [HUM121]	0.5	AP German IV S1	0.5		
Accel Lang & Lit 3	0.5	AP Calculus AB [MAT211]	0.5	AP Chemistry	1	AP Comparative Government	0.5	AP German IV S2	0.5		
AP Lang & Comp	0.5	AP Calculus BC	0.5	AP Physics	1	AP European History	0.5	AP Italian 4	0.5		
Col Acc Eng Lang & Comp [Eng 105]	0.5	AP Calculus BC [MAT217]	0.5	AP Physics 1 S1	0.5	AP European History [HIS111]	0.5	AP Italian 4 [FLI242]	0.5		
Col Acc Eng Lang & Comp [Eng 106]	0.5	AP Statistics	1	AP Physics 1 S2	0.5	AP Macroeconomics	0.5	AP Japanese 4	0.5		
Composition I [ENG105]	0.5	Geometry	1	AP Physics 2 S1	0.5	AP U.S. History [HIS151]	0.5	AP Japanese 4 [FLJ242]	0.5		
Contemp Lit [LIT185]	0.5	Geometry Academy	1	AP Physics 2 S2	0.5	AP U.S. History [HIS152]	0.5	AP Japanese IV S1	0.5		
Intro to Lit [LIT101]	0.5	Linear Alg Diff Equations	0.5	AP Physics C	1	AP US History S1	0.5	AP Japanese IV S2	0.5		
		Linear Alg Diff Equations [Mat 148]	0.5	AP Physics C: EM S1	0.5	AP US History S2	0.5	AP Spanish 4	1		
		Pre-Calculus Academy	1	AP Physics C: EM S2	0.5	AP World History	0.5	AP Spanish IV	0.5		
		Rad Acc Alg II	0.5	AP Physics C: Mech S1	0.5	AP World History [GLS235]	0.5	AP Spanish IV	0.5		
		Rad Acc Alg II	0.5	AP Physics C: Mech S2	0.5	College African Americanstudies1	0.5	Arabic 1	1		
		Rad Accel Alg 1/Geom	1	Aquarium Science Lab	1	College Latin American History	0.5	Arabic 2	1		
		Rad Accel Geometry	1	Astronomy	0.5	College Middle East & Islams1	0.5	Arabic 3	1		
		Rad Accel Geom/Alg	1	Biology	1	Government	0.5	Arabic 4	1		
				Chemistry	1	Intersectional Feminism	0.5	Chinese 1	1		
				Earth Science	1	Intro to Film [HUM120]	0.5	Chinese 2	1		
				Environmental Science	0.5	Latin America [GLS230]	0.5	Chinese 3	1		

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*
				Marine Biology I [BIO225]	0.5	Modern U.S. History	1	Elem French I [FLF151]	0.5		
				Marine Biology II [BIO227]	0.5	Personal Economics	0.5	Elem French II [FLF152]	0.5		
				Marine Biology/Aquarium Sci Lab	1	Psychology	0.5	Elem Italian I [FLI141]	0.5		
				PLTW - Principles of Engrg [EGT410]	0.5	Sociology	0.5	Elem Italian II [FLI142]	0.5		
						The Middle East & Islam [GLS220]	0.5	Elem Japanese I [FLJ141]	0.5		
								Elem Japanese II [FLJ142]	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 French II S2 [FLF152]	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		
								Italian I S2 [FLI141]	0.5		
								Japanese I S1	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*
				Japanese I S2	0.5	
				Japanese II S1	0.5	
				Japanese II S2	0.5	
				Japanese III S1	0.5	
				Japanese III S2	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.