



2020 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: 2019-2020 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*
Adv American Literature	1	Algebra 2 Academy	1	Accel Biology	1	AP European History	0.5	AP French 4	1	AP Computer Science	1
AP Lang & Comp [ENG105]	0.5	AP Calculus AB	0.5	Anat & Phys I [BIO168]	0.5	AP European History [HIS113]	0.5	AP French 5	1	AP Computer Sci Principles	1
AP Lang & Comp [ENG106]	0.5	AP Calculus AB [MAT211]	0.5	Anat & Phys II [BIO173]	0.5	AP U.S. History [HIS150]	0.5	Arabic 1	1		
AP Lit & Comp Lit185 [LIT185]	0.5	AP Calculus BC	0.5	AP Chemistry	1	AP U.S. History [HIS153]	0.5	Arabic 2	1		
AP Lit & Comp Lit 101 [LIT101]	0.5	AP Calculus BC [MAT217]	0.5	AP Physics	1	AP World History [HIS112]	0.5	Arabic 3	1		
Creative Writing	1	Calculus	0.5	AP Physics C	1	AP World History [HIS113]	0.5	Arabic 4	1		
Graphic Novels	0.5	Diff Equations w/Laplace [MAT227]	0.5	Aquarium Science	0.06	College Latin American History	0.5	Chinese 1	0.5		
Lit & Comp A: Contemp Lit	0.5	Geometry Academy	1	Aquarium Science Lab	1	College Middle East & Islam	0.5	Chinese 3	0.5		
Studies in World Lit	1	Linear Alg w/Applications [MAT148]	0.5	Chemistry	1	History's Mysteries	0.5	Chinese 4	1		
Urban Leadership 101	0.5	Pre-Calculus	1	College Anat & Phys	0.88	Latin America [GLS230]	0.5	Elem Chinese I [FLC141]	0.5		
		Rad Accel Algebra	1	College Genetics/Biology	1	The Middle East & Islam [GLS220]	0.5	Elem Chinese II [FLC142]	0.5		
		Rad Accel Geom/Alg	1	College Genetics/Biology	0.17	World History: People & Place	1	Elem German I [FLG141]	0.5		
		Rad Accel Pre-Calculus	1	Ecology of Iowa [BIO145]	0.5	Youth Voice for Equity	1	Elem German II [FLG142]	0.5		
				Energy & Sustain 2	0.17			Elem Italian I [FLI141]	0.5		
				Energy & Sustain 2	0.5			Elem Italian II [FLI142]	0.5		
				Energy & Sustainability	0.39			Elem Japanese I [FLJ141]	0.5		
				Environmental Science	0.5			Elem Japanese II [FLJ142]	0.5		
				Env Sci Lab [ENV116]	0.5			French 1	1		
				Env Sci [ENV115]	0.5			French 2	1		
				Field Ecology [BIO138]	0.5			French 3	1		
				Genetics [BIO146]	0.5			German 1	0.5		
				Marine Biology I [BIO225]	0.5			German 3	0.5		

DES MOINES CENTRAL ACADEMY CORE COURSES APPROVED FOR RAI (cont.)
Source: 2018-2019 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 BiologyII [BIO227]	0.5			German 4	1		
				Marine Biology/Aquarium Sci Lab	1			Intermediate Chinese I [FLC241]	0.5		
				Sustainable Living [ENV103]	0.5			Intermediate Chinese II [FLC242]	0.5		
								Intermediate German I [FLG241]	0.5		
								Intermediate German II [FLG242]	0.5		
								Intermediate Italian I [FLI241]	0.5		
								Intermediate Italian II [FLI242]	0.5		
								Intermediate Japanese I [FLJ241]	0.5		
								Intermediate Japanese II [FLJ242]	0.5		
								Italian 1	0.5		
								Italian 3	0.5		
								Italian 4	1		
								Japanese 1	0.5		
								Japanese 3	0.5		
								Japanese 4	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.