



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.

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

MUSCATINE HIGH SCHOOL, MUSCATINE, 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*
AP English Lang & Comp	1	Algebra 1	0.5	AP Chemistry	1	9th Social Studies	0.5	Chinese 1	1	AP Computer Sci Principles	1
AP English Lit & Comp	1	Algebra 1	1	AP Environmental Science	1	AP Psychology	0.5	Chinese 2	1	Computer Sci Principles	1
AP Seminar	1	Algebra 1B	1	AP Physics	1	AP U.S. Govt & Politics	0.5	Chinese 3	1		
Composition I [ENG105]	0.5	Algebra 2	1	AP Physics 2	1	AP U.S. History	1	Chinese 4	1		
Composition II [ENG106]	0.5	AP Calculus AB	1	Astronomy	0.5	Cultural Anthropology [ANT105]	0.5	French 1	1		
English 09	0.5	AP Calculus BC	1	Astronomy	1	Developmental Psychology [PSY121]	0.5	French 2	1		
English 09	1	AP Statistics	1	Biology	1	Economics	0.5	French 3	1		
English 10	1	Calculus I [MAT210]	0.5	Earth Science	0.5	Government	0.5	French 4	1		
English 11	1	Geometry	1	Earth Science	1	Humanities of the Renaissance [HUM136]	0.5	German 1	1		
English 12	1	Pre-AP Alg 2 (Hnrs Alg 2)	1	Environmental Science	1	Intro to Ethics [PHI105]	0.5	German 2	1		
English 12/Composition	1	Pre-AP Geom (Hnrs Geom)	1	General Biology IA [BIO114]	0.5	Intro to Logic [PHI110]	0.5	German 3	1		
Journalism 1	1	Pre-AP Pre-Calc (Hnrs Pre-Calc)	1	Human Anat & Phys	0.5	Intro to Philosophy [PHI101]	0.5	German 4	1		
Pre-AP English 09 (Hnrs English 9)	1	Pre-Calculus	1	Human Anat & Phys I [BIO168]	0.5	Intro to Psychology [PSY111]	0.5	Spanish 1	1		
Pre-AP English 10	1	Probability & Statistics	1	Intro to the Human Body	0.5	Intro to Social Studies	0.5	Spanish 2	1		
Public Speaking [SPC112]	0.5	Statistics [MAT156]	0.5	Marine Biology	0.5	Intro to Sociology [SOC110]	0.5	Spanish 3	1		
				Meteorology	0.5	Living w/ Space, Time & Technology [HUM183]	0.5	Spanish 4	1		
				Meteorology	1	Principles of Macroecon [ECN120]	0.5				
				Physics	1	Principles of Microecon [ECN130]	0.5				
				Principles of Engineering	0.33	Psychology	0.5				
				Zoology	0.5	U.S. Government	0.5				
						U.S. History	1				
						U.S. History since 1877 [HIS152]	0.5				

MUSCATINE HIGH SCHOOL 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*
			U.S. History to 1877 [HIS151]	0.5		
			Wstrn Civ I: Ancient & Medieval [HIS117]	0.5		
			Wstrn Civ III: The Modern Period [HIS119]	0.5		
			World Geography	0.5		
			World History	1		
			World History 1	0.5		
			World Regional Geography [GEO121]	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.

Updated: 7/16/2025