



# 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

## MAQUOKETA COMMUNITY HIGH SCHOOL, MAQUOKETA, 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*
Composition I [ENG105]	0.5	Adv Algebra 2	0.5	Adv Biology	0.5	American Ntnl Govt [POL111]	0.5	Spanish 1	1		
Composition II [ENG106]	0.5	Algebra 1	1	Anatomy & Physiology	0.5	Child Psychology [PSY222]	0.5	Spanish 2	1		
Contemporary Literature	0.5	Algebra 2	1	Astronomy [PHS152]	0.5	Contemp World Issues [GLS100]	0.5				
Creative Writing	0.5	Calculus I [MAT210]	0.5	Biology	1	Criminology [CRJ200]	0.5				
Drama	0.5	Calculus II [MAT216]	0.5	Chemistry	1	Current Events	0.5				
English 09	1	College Algebra [MAT121]	0.5	Earth Science	1	Developmental Psychology [PSY121]	0.5				
English 10	1	Geometry	1	Env Sci [ENV111]	0.5	Economics	0.5				
English 11	1	Pre-Calculus [MAT128]	0.5	Essentials of Anat & Phys [BIO163]	0.5	Educational Psychology [PSY281]	0.5				
Intro to Lit [LIT101]	0.5	Statistics [MAT156]	0.5	Exploring Physical Sci [PHS120]	0.5	Global Cultures	1				
Language Arts Essentials	1			General Biology IA [BIO114]	0.5	Government	0.5				
Public Speaking [SPC112]	0.5			Human Anat & Phys I [BIO168]	0.5	Humanities of the Early World [HUM135]	0.5				
Publications	1			Human Anat & Phys II [BIO173]	0.5	Intro to Ethics [PHI105]	0.5				
Research/Technical Writing	0.5			Human Biology [BIO157]	0.5	Intro to Psychology [PSY111]	0.5				
				Intro to General Chemistry [CHM122]	0.5	Intro to Social Work [SOC160]	0.5				
				Microbiology [BIO186]	0.5	Intro to Sociology [SOC110]	0.5				
				Physical Science	1	Modern World History	0.5				
				Physics	1	Psychology	0.5				
				Plant Biology [BIO125]	0.5	Social Problems [SOC115]	0.5				
				Science Essentials	0.5	Social Studies Essentials	0.5				
						Sociology	0.5				
						Survey of World History	0.5				
						Survey of World Religions [REL101]	0.5				

**MAQUOKETA COMMUNITY HIGH SCHOOL 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*
			U.S. History	1		
			U.S. History since 1877 [HIS152]	0.5		
			U.S. History to 1877 [HIS151]	0.5		
			Wstrn Civ I: Ancient & Medieval [HIS117]	0.5		
<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.