



# 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.

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

*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.

Regent Admission Index Score

## WAVERLY-SHELL ROCK SENIOR HIGH SCHOOL, WAVERLY, 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*
Adv Composition	0.5	Algebra 1	1	Adv Biology	1	African Cultures [CLS130]	1	German 1	1		
American Literature	0.5	Algebra 1 Core	1	Anatomy & Physiology	1	American Government	1	German 2	1		
Basic Composition	0.5	Algebra 2	1	Biology: Cells	0.5	American History	1	German 3	1		
Composition 1	0.5	Calculus I [MAT210]	1	Biology: Ecology	0.5	Ancient World History	0.5	German 4	1		
Composition I [ENG105]	0.5	Calculus II [MAT216]	0.5	Chemistry	1	AP American Govt/Politics	1	Spanish 1	1		
Composition II [ENG106]	1	Geometry	1	Earth Science	0.5	AP American History	1	Spanish 2	1		
Creative Writing	0.5	Geometry Core	1	Env Sci Lab [ENV116]	0.5	Behavioral Sciences	0.5	Spanish 3	1		
English 09	1	Intro to Calculus	0.5	Env Sci [ENV115]	0.5	Contemporary Issues	0.5	Spanish 4	1		
English 09 Honors	1	Pre-Calculus/Trigonometry	1	Physical Sci: Chemistry	0.5	Criminology [CRJ200]	0.5				
English 10	1	Statistics [MAT156]	0.5	Physical Science: Physics	0.5	Developmental Psychology [PSY121]	1				
English 10 Honors	1	Statistics [MAT156]	1	Physics	1	Identity & Inequity in U.S. Society [SOC205]	0.5				
English Literature	0.5			Principles of Engineering	1	Intro to Economics [ECN110]	0.5				
Fund of Oral Comm [SPC101]	0.5					Intro to Philosophy [PHI101]	0.5				
Intro to Lit [LIT101]	0.5					Intro to Psychology [PSY111]	0.5				
Mass Media & Film	0.5					Intro to Sociology [SOC110]	0.5				
Mythology	0.5					Modern World History	0.5				
Novels	0.5					Philosophy	1				
Speech	0.5					U.S. History Since 1877 [HIS152]	0.5				
Speech 2	0.5					U.S. History to 1877 [HIS151]	0.5				
World Literature	0.5					Wealth Management HSB 2	0.5				
						Wstrn Civ I: Ancient & Medieval [HIS117]	0.5				
						Wstrn Civ III: The Modern Period [HIS119]	0.5				

**WAVERLY-SHELL ROCK SENIOR 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*
			World Regional Geography [GEO121]	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.

Updated: 8/14/2024