



IOWA STATE  
UNIVERSITY



THE UNIVERSITY  
OF IOWA



# 2023 RAI Core Course List

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

## WAVERLY-SHELL ROCK SENIOR HIGH SCHOOL, WAVERLY, CORE COURSES APPROVED FOR RAI

*Source: 2022-2023 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	0.5	Anatomy & Physiology	1	American Government	0.5	German 2	1		
Basic Composition	0.5	Algebra 1B	1	Biology: Cells	0.5	American History	1	German 3	1		
Composition 1	0.5	Algebra 2	1	Biology: Ecology	0.5	American Ntnl Govt [POL111]	0.5	German 4	1		
Composition I [ENG105]	0.5	Calculus I [MAT210]	1	Chemistry	1	Ancient World History	0.5	Spanish 1	1		
Composition II [ENG106]	1	Calculus II [MAT216]	0.5	Earth Science	0.5	AP American Govt/Politics	1	Spanish 2	1		
Creative Writing	0.5	Geometry	1	Env Sci Lab [ENV116]	0.5	AP American History	0.5	Spanish 3	1		
Drama/Story	0.5	Intro to Calculus	0.5	Env Sci [ENV115]	0.5	Behavioral Sciences	0.5	Spanish 4	1		
English 09	1	Pre-Calculus/Trigonometry	1	Essentials of Anat & Phys [BIO163]	0.5	Contemporary Issues	0.5				
English 09 Honors	1	Statistics [MAT156]	1	Human Biology [BIO154]	0.5	Criminology [CRJ200]	0.5				
English 10	1			Physical Sci: Chemistry	0.5	Death & Dying [SOC135]	0.5				
English 10 Honors	1			Physical Science: Physics	0.5	Developmental Psychology [PSY121]	1				
English Literature	0.5			Physics	1	Diversity in America [SOC205]	0.5				
Fund of Oral Comm [SPC101]	0.5			Principles of Engineering	1	East Asian Cultures [CLS160]	0.5				
Ind English (Epley)	0.5					Intro to Economics [ECN110]	0.5				
Intro to Lit [LIT101]	0.5					Intro to Ethics [PHI105]	1				
Mass Media & Film	0.5					Intro to Philosophy [PHI101]	0.5				
Mythology	0.5					Intro to Psychology [PSY111]	0.5				
Novels	0.5					Intro to Sociology [SOC110]	0.5				
Speech	0.5					Latin American History & Culture [CLS150]	1				
Speech 2	0.5					Marriage & Family [SOC120]	1				
World Literature	0.5					Modern World History	0.5				

**WAVERLY-SHELL ROCK SENIOR HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)**

Source: 2022-2023 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*
			Philosophy	1		
			Principles of Macroecon [ECN120]	1		
			Principles of Microecon [ECN130]	0.5		
			Social Problems [SOC115]	1		
			Survey of World Religions [REL101]	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		
			Wstrn Civ II: Early Modern [HIS118]	0.5		
			Wstrn Civ III: The Modern Period [HIS119]	0.5		
			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: 7/28/2023