



IOWA STATE  
UNIVERSITY



THE UNIVERSITY  
OF IOWA



# 2025 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.

- (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

**JOHNSTON SENIOR HIGH SCHOOL, JOHNSTON, 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*
9th Journalism	0.5	Algebra 1	0.5	AP Biology	0.5	Abnormal Psychology [PSY241]	0.5	AP French	1	AP Computer Science A	0.5
Adv Freshman English	1	Algebra 1	1	AP Chemistry	1	African American History [HIS257]	0.5	French 1	1	Computer Science	0.5
Adv Integrated Lang Arts	1	Algebra 2	1	AP Environmental Science	0.5	America in the Movies [HUM121]	0.5	French 2	1		
Adv Speech	0.5	Algebra 2 YI	1	AP Env Sci [ENV115]	0.5	American Government	0.5	French 3	1		
AP Lang & Comp [ENG105]	0.5	AP Calculus AB [MAT211]	1	AP Physics C	1	American Ntnl Govt [POL111]	0.5	French 4	1		
AP Lang & Comp [ENG106]	0.5	AP Calculus BC	1	Astronomy	0.5	AP Government	0.5	Heritage Spanish 1	1		
AP Lit & Comp [LIT101]	0.5	AP Statistics [MAT156]	1	Astronomy [PHS152]	0.5	AP Macroeconomics	0.5	Heritage Spanish 2	1		
AP Lit & Comp [LIT185]	0.5	Calculus I [MAT211]	0.5	Biology	1	AP Microeconomics	0.5	Intermediate Spanish I [FLS241]	0.5		
Children's Lit [LIT105]	0.5	Finite Math [MAT141]	0.5	Biology in the Environment	1	AP Psychology	0.5	Intermediate Spanish II [FLS242]	0.5		
Communicating in Careers	0.5	Geometry	1	Biology Sheltered	1	AP Psychology [PSY111]	0.5	Spanish 1	1		
Composition I [ENG105]	0.5	JSP Algebra 1 (Online)	0.5	Botany	0.5	AP U.S. History [HIS151]	0.5	Spanish 2	1		
Composition II [ENG106]	0.5	JSP Algebra 2 (Online)	1	Chemistry	1	AP U.S. History [HIS152]	0.5	Spanish 3	1		
Contemp Lit [LIT185]	0.5	JSP Geometry (Online)	0.5	Chemistry in the Community	0.5	AP World History [HIS110]	0.5	Spanish 4	1		
Creative Writing	0.5	Pre-Calculus	1	Ecology of Iowa [BIO145]	0.5	AP World History [HIS111]	0.5				
Creative Writing & Lit	0.5	Statistics [MAT156]	1	Environmental Science	0.5	Country Study [GLS200]	0.5				
Creative Writing [ENG221]	0.5	Trigonometry	1	Env Sci Lab [ENV116]	0.5	Encounters in Humanities [HUM116]	0.5				
Culture Clash	0.5			Env Sci [ENV115]	0.5	Human & Work Relations [PSY102]	0.5				
Detective Fiction [LIT188]	0.5			Essentials of Science 09	1	Human Origins [ANT202]	0.5				
Everyday Applied Lit	0.5			Forensic Science	0.5	Human Sexuality [PSY261]	0.5				
Freshman English	1			General Biology I [BIO112]	0.5	InterNtnl Relations [POL121]	0.5				
Fund of Oral Comm [SPC101]	0.5			Human Anat & Phys I [BIO168]	0.5	Intro to Ethics [PHI105]	0.5				
Gender Studies & Lit	0.5			Human Anat & Phys II [BIO173]	0.5	Intro to Film [HUM120]	0.5				

**JOHNSTON SENIOR 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*
Heroic Men & Women	0.5			JSP Astronomy (Online)	0.5	Intro to Geography [GEO111]	0.5				
Integrated Language Arts	0.5			JSP Biology (Online)	0.5	Intro to Philosophy [PHI101]	0.5				
Intro to Lit [LIT101]	0.5			JSP Chemistry (Online)	0.5	Intro to Psychology [PSY111]	0.5				
Journalism	0.5			JSP Earth & Space (Online)	0.5	Intro to Sociology [SOC110]	0.5				
JSP Business English (Online)	0.5			JSP Env Sci (Online)	0.5	JSP American Govt (Online)	0.5				
JSP English 09 (Online)	0.5			JSP Forensic Sci (Online)	0.5	JSP Economics (Online)	0.5				
JSP English 10 (Online)	0.5			JSP Physical Sci (Online)	0.5	JSP Geography (Online)	0.5				
JSP English 11 (Online)	0.5			JSP Physical Science Long	0.5	JSP Psychology (Online)	0.5				
JSP English 12 (Online)	0.5			JSP Physics (Online)	0.5	JSP Social Issues (Online)	0.5				
On the Road Travel Lit	0.5			JSP Zoology (Online)	0.5	JSP Sociology (Online)	0.5				
Pushing the Limits	0.5			Physical Science	1	JSP Topics in History (Online)	0.5				
Reading the Screen	0.5			Physics	1	JSP U.S. History (Online)	0.5				
Science Fiction [LIT166]	0.5			PLTW - Principles of Engrg [EGT410]	0.5	JSP World Studies (Online)	0.5				
Sport, Competition & Culture	0.5			Sustainable Living [ENV103]	0.5	Marriage & Family [SOC120]	0.5				
Teen Exp: Issues in Lit	0.5			Zoology	0.5	Principles of Economics	0.5				
Women Writers [LIT190]	0.5					Regional Geography of the NonWstrn World [GEO124]	0.5				
						Social Problems [SOC115]	0.5				
						Social Psychology [PSY251]	0.5				
						Survey Crim Justice Agencies [CRJ107]	0.5				
						Survey of World Religions [REL101]	0.5				
						Topics in History	0.5				
						U.S. History	1				
						U.S. History Sheltered	1				
						U.S. History Since 1877 [HIS152]	0.5				
						U.S. History to 1877 [HIS151]	0.5				
						Victimology [CRJ128]	0.5				
						Wstrn Civ: Ancient to Early Modern [HIS110]	0.5				
						Wstrn Civ: Early Modern to Present [HIS111]	0.5				

**JOHNSTON SENIOR 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*
			Women's History: United States [HIS274]	0.5		
			World Studies	1		
<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: 7/16/2025