



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.

- (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

## OTTUMWA HIGH SCHOOL, OTTUMWA, 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*
10th English	1	Algebra 1	1	Adv Anatomy	1	American Government	0.5	French 1	1		
11th English	1	Algebra 1 Academic	1	Anatomy & Physiology	1	American Ntl Govt [POL111]	0.5	French 2	1		
12th English	1	Algebra 2	1	AP Chemistry	1	Ancient Mediterranean World [HIS121]	0.5	French 3	1		
9th English	1	Algebra 2 Academic	1	Basic Anat & Phys [BIO161]	0.5	AP Human Geography	1	French 4	1		
AP Lang & Comp	1	Algebra 2 Honors	1	Biology	1	AP Microeconomics	1	Heritage Spanish 1	1		
AP Lit & Comp	1	Calculus I [MAT210]	0.5	Biology (ESL)	1	Developmental Psychology [PSY121]	0.5	Heritage Spanish 2	1		
Composition I [ENG105]	0.5	Calculus II [MAT216]	0.5	Chemistry	1	Economics/Financial Literacy	0.5	Spanish 1	1		
Composition II [ENG106]	0.5	College Algebra [MAT120]	0.5	Classical Physics I [PHY200]	0.5	Economics/Financial Literacy (ESL)	0.5	Spanish 2	1		
English for Real Life	1	Geometry Academic	1	Classical Physics II [PHY201]	0.5	Foreign & Domestic Terrorism [SOC147]	0.5	Spanish 3	1		
Fund of Oral Comm [SPC101]	0.5	Geometry Honors	1	Earth & Space Science	1	InterNtl Relations [POL121]	0.5	Spanish 4	1		
Intro to Lit [LIT101]	0.5	Pre-Calculus [MAT125]	0.5	Earth & Space Sci (ESL)	1	Intro to Corrections [SOC242]	0.5				
Pre-AP English	1	Statistics [MAT156]	0.5	Earth & Space Sci Hnrs	1	Intro to Psychology [PSY111]	0.5				
Public Speaking [SPC112]	0.5			Human Anat Lab [BIO176]	0.5	Intro to Sociology [SOC110]	0.5				
The Short Story [LIT161]	0.5			Human Anatomy [BIO175]	0.5	Multicultural Psychology [PSY263]	0.5				
Young Adult Lit [LIT184]	0.5			Human Phys Lab [BIO179]	0.5	Native American Studies [CLS175]	0.5				
				Human Physiology [BIO178]	0.5	Principles of Macroecon [ECN120]	0.5				
				Intro Env Sci Lab [ENV106]	0.5	Principles of Microecon [ECN130]	0.5				
				Intro Env Sci [ENV105]	0.5	Psychology	0.5				
				Physical Science	0.5	Psychology of Human Relations [PSY112]	0.5				
				Physics	1	Social Psychology [PSY251]	0.5				
						Sociology	0.5				
						The Holocaust	0.5				

**OTTUMWA 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*
			U.S. History	1		
			U.S. History Since 1877 [HIS152]	0.5		
			U.S. History to 1877 [HIS151]	0.5		
			Wstrn Civ: Ancient to Early Modern [HIS110]	0.5		
			Wstrn Civ: Early Modern to Present [HIS111]	0.5		
			Women's Studies [WST101]	0.5		
			World History	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: 7/28/2023