



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

HEMPSTEAD HIGH SCHOOL, DUBUQUE, 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*
AP Lang & Comp	1 Algebra 1	1 Anatomy & Physiology	1 American Government	0.5 American Sign Lang I [ASL131]	0.5 AP Computer Science A	0.5
AP Literature	1 Algebra 2	1 AP Biology	1 American Ntnl Govt [POL111]	0.5 French 1	0.5 Computer Sci Principles 1	0.5
Composition I [ENG105]	0.5 AP Calculus AB	1 AP Chemistry	1 AP Economics	1 French 2		
Composition II [ENG106]	0.5 AP Calculus BC	1 Biology	1 AP Government	0.5 French 3		
Contemporary Literature	0.5 AP Statistics	1 Chemistry	0.5 AP Human Geography	1 French 4		
Creative Writing [ENG221]	0.5 College Algebra [MAT120]	0.5 Env Sci [ENV115]	0.5 AP Psychology	1 French 5		
English 1	0.5 Geometry	1 Honors Biology	1 AP U.S. History	1 French 6		
English 2	0.5 Honors Algebra 2	1 Hnrs Next Generation Global Sci	1 AP World History	1 French 7		
English 3	0.5 Honors Geometry	1 Honors Physics	1 Cultural Diversity & Identity [HUM108]	0.5 French 8		
English 4	0.5 Honors Pre-Calculus	1 Honors PS9 Chemistry	0.5 Developmental Psychology [PSY121]	0.5 German 1		
English 5	0.5 Pre-Calculus/Trigonometry	1 Honors PS9 Physics	0.5 Intro to Ethics [PHI105]	0.5 German 2		
English 6	0.5	Next Generation Global Sci	1 Intro to Psychology [PSY111]	0.5 German 3		
Film Appreciation	0.5	Outdoor Ecology	0.5 Psychology	0.5 German 4		
Honors English 1	0.5	Physics	0.5 Psychology of Human Relations [PSY112]	0.5 German 5		
Honors English 2	0.5	Principles of Astronomy [PHS142]	0.5 Sociology	0.5 German 6		
Honors English 3	0.5	PS9 Chemistry	0.5 U.S. History	1 German 7		
Honors English 4	0.5	PS9 Physics	0.5 U.S. History Since 1877 [HIS152]	0.5 German 8		
Intro to Lit [LIT101]	0.5		U.S. History to 1877 [HIS151]	0.5 Spanish 1		
Journalism	0.5		World Civ I [HIS131]	0.5 Spanish 2		
Multicultural Lit [LIT134]	0.5		World Civ II [HIS132]	0.5 Spanish 3		
Public Speaking [SPC112]	0.5		World History	1 Spanish 4		
Speech	0.5			Spanish 5		

HEMPSTEAD 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 Literature	0.5			Spanish 6	0.5	
World Literature	0.5			Spanish 7	0.5	
				Spanish 8	0.5	
Total English	Total Math	Total Science	Total Social Studies	Total World Languages	Total Computer Science	

* 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