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)
_____
    Regent Admission Index Score

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.

HEMPSTEAD HIGH SCHOOL, DUBUQUE, 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*
African American Lit	0.5	Algebra 1	1	Anatomy & Physiology	1	American Government	0.5	French 1	0.5	AP Computer Science A	0.5
AP Lang & Comp	1	Algebra 2	1	AP Biology	1	American Ntnl Govt [POL111]	0.5	French 2	0.5	Computer Sci Principles 1	0.5
AP Literature	1	AP Calculus AB	1	AP Chemistry	1	AP Economics	1	French 3	0.5	Computer Sci Principles 2	0.5
Composition	0.5	AP Calculus BC	1	Biology	1	AP Government	0.5	French 4	0.5		
Composition I [ENG105]	0.5	AP Statistics	1	Chemistry	0.5	AP Human Geography	1	French 5	0.5		
Composition II [ENG106]	0.5	Geometry	1	Env Sci [ENV115]	0.5	AP Psychology	1	French 6	0.5		
Contemporary Literature	0.5	Honors Algebra 2	1	Honors Biology	1	AP U.S. History	1	French 7	0.5		
English 1	0.5	Honors Geometry	1	Hnrs Next Generation Global Sci	1	AP World History	1	French 8	0.5		
English 2	0.5	Honors Pre-Calculus	1	Honors Physics	1	Cultural Diversity & Identity [HUM108]	0.5	German 1	0.5		
English 3	0.5	Pre-Calculus/Trigonometry	1	Honors PS9 Chemistry	0.5	Developmental Psychology [PSY121]	0.5	German 2	0.5		
English 4	0.5			Honors PS9 Physics	0.5	Economics	0.5	German 3	0.5		
English 5	0.5			Human Biology [BIO157]	0.5	Educational Psychology [PSY281]	0.5	German 4	0.5		
English 6	0.5			Next Generation Global Sci	1	Intro to Cultural Anthropology [SOC208]	0.5	German 5	0.5		
Film Appreciation	1			Outdoor Ecology	0.5	Intro to Ethics [PHI105]	0.5	German 6	0.5		
Honors English 1	0.5			Physics	0.5	Intro to Philosophy [PHI101]	0.5	German 7	0.5		
Honors English 2	0.5			Plant Biology [BIO125]	0.5	Principles of Macroecon [ECN120]	0.5	German 8	0.5		
Honors English 3	0.5			Principles of Astronomy [PHS142]	0.5	Psychology	0.5	Spanish 1	0.5		
Honors English 4	0.5			PS9 Chemistry	0.5	Sociology	0.5	Spanish 2	0.5		
Intro to Lit [LIT101]	0.5			PS9 Physics	0.5	U.S. History	1	Spanish 3	0.5		
Journalism	0.5					U.S. History Since 1877 [HIS152]	0.5	Spanish 4	0.5		
Public Speaking [SPC112]	0.5					U.S. History to 1877 [HIS151]	0.5	Spanish 5	0.5		
Speech	0.5					World Cultures/Geo	1	Spanish 6	0.5		

HEMPSTEAD 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*
Women's Literature	0.5					World History	1	Spanish 7	0.5		
World Literature	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.