



# 2025 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)

*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

**ANKENY CENTENNIAL HIGH SCHOOL, ANKENY, 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 [ENG105]	0.5	Algebra 1	1	Anatomy & Physiology	1	9th World Cultures	1	French 1	1	AP Computer Science A	1
AP Lang & Comp [ENG106]	0.5	Algebra 2 (Calculus)	1	AP Biology [BIO112]	0.5	Abnormal Psychology [PSY241]	0.5	French 2	1	AP Computer Sci Principles	1
AP Lit & Comp [LIT101]	0.5	Algebra 2 (Statistics)	1	AP Biology [BIO113]	0.5	African American History [HIS257]	0.5	French 3	1		
AP Lit & Comp [LIT111]	0.5	AP Calculus AB	0.5	AP Chemistry	1	American Ntnl Govt [POL111]	0.5	French 4	0.5		
British Literature	0.5	AP Calculus AB [MAT211]	0.5	AP Environmental Science	1	AP European History	1	French 5	0.5		
Children's Lit [LIT105]	0.5	AP Calculus BC	0.5	AP Physics C	1	AP Macroeconomics	0.5	Intermediate French I [FLF241]	0.5		
Composition 12	0.5	AP Calculus BC [MAT217]	0.5	Astronomy	0.5	AP Microeconomics	0.5	Intermediate French II [FLF242]	0.5		
Composition I [ENG105]	0.5	AP Statistics	0.5	Biology	1	AP Psychology	0.5	Intermediate Spanish I [FLS241]	0.5		
Composition II [ENG106]	0.5	AP Statistics [MAT156]	0.5	Chemistry	0.5	AP U.S. Govt & Politics [POL111]	0.5	Intermediate Spanish II [FLS242]	0.5		
Composition II: Technical Writing [ENG108]	0.5	Discrete Math Applications	0.5	Earth & Space	1	AP U.S. History	1	Spanish 1	1		
Creative Writing [ENG221]	0.5	Discrete Math Principles	0.5	Ecology of Iowa [BIO145]	0.5	Argumentation & Debate	0.5	Spanish 2	1		
Detective Fiction [LIT188]	0.5	Finite Math [MAT141]	0.5	Enriched Biology	1	Basic Reasoning [PHI111]	0.5	Spanish 3	1		
English 09	1	Functions with Analysis	1	Enriched Chemistry	1	Comparative Govt & Politics [POL125]	0.5	Spanish 4	0.5		
English 10	1	Geometry	1	Enriched Earth & Space	1	Country Study [GLS200]	0.5	Spanish 5	0.5		
English 10/World History	1	Pre-Calculus [MAT129]	0.5	Enriched Physics	1	Developmental Psychology [PSY121]	0.5				
English 11	1	Probability & Statistics	0.5	Geology	0.5	Economics	0.5				

**ANKENY CENTENNIAL 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*
Fund of Oral Comm [SPC101]	0.5	Trigonometry/Pre-Calculus	0.5	Physics	0.5	English 10/World History	1				
Interpersonal Comm [SPC122]	0.5			PLTW - Principles of Engrg [EGT410]	0.5	Human Origins [ANT202]	0.5				
Journalism	0.5			Principles of Engineering	0.5	Human Sexuality [PSY261]	0.5				
Literature 12	0.5					InterNtnl Relations [POL121]	0.5				
Science Fiction [LIT166]	0.5					Intro to Ethics [PHI105]	0.5				
Women Writers [LIT190]	0.5					Intro to Film [HUM120]	0.5				
						Intro to Geography [GEO111]	0.5				
						Intro to Philosophy [PHI101]	0.5				
						Intro to Sociology [SOC110]	0.5				
						Iowa History [HIS201]	0.5				
						Marriage & Family [SOC120]	0.5				
						Psychology	0.5				
						Regional Geography of the NonWstrn World [GEO124]	0.5				
						Social Problems [SOC115]	0.5				
						Social Psychology [PSY251]	0.5				
						Sociology 1	0.5				
						Sociology 2	0.5				
						Survey of World Religions [REL101]	0.5				

**ANKENY CENTENNIAL 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*
			U.S. Government	0.5		
			U.S. History	1		
			Why Iowa?	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.