



# 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.

*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.

- (3 x ACT composite score)
- + (30 x high school GPA)
- + (5 x number of years of high school core courses)

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Regent Admission Index Score

## MARION HIGH SCHOOL, MARION, 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*
American Literature	1	Algebra 1B	0.5	Adv Biology	0.5	American Government	0.5	American Sign Lang I [ASL141]	0.5		
American Literature Adv	1	AP Calculus AB	1	Anatomy & Physiology	0.5	American History	1	Intermediate Spanish I [FLS241]	0.5		
AP English	1	AP Statistics	1	AP Biology	1	American Indian History [HIS254]	0.5	Intermediate Spanish II [FLS242]	0.5		
AP English Lang & Comp	0.5	Calculus I [MAT210]	0.5	AP Chemistry	0.5	AP Government & Politics	0.5	Spanish 1	1		
Children's Lit [LIT105]	0.5	Calculus II [MAT216]	0.5	AP Environmental Science	0.5	AP Human Geography	0.5	Spanish 2	1		
College Writing [ENG120]	0.5	Calculus III [MAT219]	0.5	Biology	0.5	AP Microeconomics	0.5	Spanish 3	1		
Composition I [ENG105]	0.5	College Alg w/ Limits [MAT138]	0.5	Chemistry	1	AP Psychology	0.5	Spanish 4	1		
Composition I [ENG105]	1	College Algebra [MAT120]	0.5	Classical Physics I [PHY212]	0.5	AP World History	1				
Composition II [ENG106]	0.5	Diff Eqtns w/ Laplace [MAT227]	0.5	Earth Science & Space	0.5	Developmental Psychology [PSY121]	0.5				
Creative Writing	0.5	Discrete Math [MAT150]	0.5	Environmental Science	0.5	Global Studies	0.5				
Creative Writing [ENG221]	0.5	Geom in Construction 1	0.5	Evolution of the Earth [PHS180]	0.5	InterNtnl Relations [POL121]	0.5				
Elements of Writing [ENG101]	0.5	Geom in Construction 2	0.5	Field Biology	0.5	Intro to Ethics [PHI105]	0.5				
English 1	1	Inter Algebra/Geometry	1	General Chemistry I [CHM165]	0.5	Intro to Law [PRL103]	0.5				
English 1 Adv	1	Inter Alg/Pre-Calc	1	General Sci Motion, Matter, Waves	1	Intro to Psychology [PSY111]	0.5				
English 12	1	Inter Alg/Trig	1	Human Anat & Phys I [BIO168]	0.5	Intro to Sociology [SOC110]	0.5				
English 2	0.5	Intermediate Alg [MAT102]	0.5	Human Anat & Phys II [BIO173]	0.5	Iowa History	0.5				

**MARION 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*
English 2 Adv	0.5	Linear Algebra [MAT149]	0.5	Human Biology [BIO154]	0.5	Juvenile Delinquency [CRJ201]	0.5				
Film Study	0.5	Statistics [MAT157]	0.5	Human Evolution [BIO195]	0.5	Marriage & Family [SOC120]	0.5				
Forms of Lit: Fiction [LIT206]	1	Survey of Data [MAT607]	0.5	Intro to Astronomy [PHS151]	0.5	Middle Ages	0.5				
Fund of Oral Comm [SPC101]	0.5	Trig & Analytic Geom [MAT136]	0.5	Microbiology [BIO186]	0.5	Modern American History	0.5				
Journalism	1			Nutrition [BIO151]	0.5	Multi Cultural Studies	0.5				
Journalism 1/4	1			Physics	1	Native American History	0.5				
Journalism 2	0.5			Physics I [PHY190]	0.5	Popular Culture [HUM142]	0.5				
Journalism/Yearbook 1	0.5			PLTW - Principles of Engrg [EGT410]	0.5	Principles of Macroecon [ECN120]	0.5				
Lit & Culture: American Dreams [LIT222]	0.5					Principles of Microecon [ECN130]	0.5				
Mythology [LIT180]	0.5					Psychology	0.5				
Public Speaking [SPC112]	0.5					Social Problems [SOC115]	0.5				
						Sociology	0.5				
						Sociology of Aging [SOC220]	0.5				
						Survey of World Religions [REL101]	0.5				
						U.S. History Since 1877 [HIS152]	0.5				
						U.S. History to 1877 [HIS151]	0.5				
						Understanding Cultures: Latin America [CLS151]	0.5				
						West & the World I: Ancient to Medieval [HIS126]	0.5				
						Working in America [HUM105]	0.5				
						World History	0.5				
<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.