



# 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.

*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)

Regent Admission Index Score

## BURLINGTON COMMUNITY HIGH SCHOOL, BURLINGTON, 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 Culture: Film	0.5	Elem French I [FLF141]	0.5		
AP Literature	1	Algebra 2	1	Anatomy & Physiology 3	0.5	American Culture: Music	0.5	Elem Spanish I [FLS141]	0.5		
Beginning Debate	0.5	Algebra 2 Honors	1	Astronomy	0.5	American Studies	1	Elem Spanish II [FLS142]	0.5		
Composition I [ENG105]	0.5	Calculus I [MAT210]	0.5	Biology	1	AP European History	1	Intermediate French II [FLF242]	0.5		
Composition II [ENG106]	0.5	Calculus II [MAT216]	0.5	Classical Physics I [PHY212]	0.5	AP Psychology	1	Intermediate Spanish I [FLS241]	0.5		
Creative Writing	0.5	College Algebra [MAT120]	0.5	Classical Physics II [PHY222]	0.5	AP U.S. History	1	Spanish 1	1		
English 1	1	College Algebra [MAT121]	0.5	College Physics I [PHY162]	0.5	Asian Studies	0.5	Spanish 2	1		
English 1 Honors	1	Geometry	1	Essentials of Anat & Phys [BIO163]	0.5	Exploring Wars & Conflicts	0.5	Spanish 3	1		
English 2	1	Geometry Honors	1	General Biology IA [BIO114]	0.5	Government	0.5	Spanish 4	1		
English 2 Honors	1	Intermediate Alg [MAT102]	0.5	General Chemistry	1	Intro to Ethics [PHI105]	0.5				
English 3	1	Pre-Calculus	1	General Physics	1	Intro to Philosophy [PHI101]	0.5				
English 3 Honors	1	Pre-Calculus [MAT128]	0.5	Honors/Ap Biology	1	Intro to Psychology [PSY111]	0.5				
English 4: British Lit	0.5	Pre-Calculus [MAT129]	0.5	Human Anat & Phys I [BIO168]	0.5	Intro to Sociology [SOC110]	0.5				
English 4: Senior Lit Hnrs	0.5	Statistics	0.5	Human Anat & Phys II [BIO173]	0.5	Modern History 1980 to Present	0.5				
English 4: World Lit	0.5	Statistics [MAT156]	0.5	Intro to General Chemistry [CHM122]	0.5	Multicultural Perspectives [HUM114]	0.5				
Heroes & Villains	0.5	Vibe Algebra 1	1	Microbiology [BIO186]	0.5	Principles of Microecon [ECN130]	0.5				
Independent Reading	0.5	Vibe Algebra 2	1	Physical Science	1	Psychology	0.5				
Journalism 1	0.5	Vibe Geometry	1	Plant Biology [BIO125]	0.5	Psychology of Personality [PSY236]	0.5				
Myth, Folktales, Heroes in Lit	0.5	Vibe Statistics	0.5	Practical Apps of Science	0.5	Social Problems [SOC115]	0.5				

**BURLINGTON COMMUNITY 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*
Pathfinder	0.5			Vibe Biology	1	Sociology	0.5				
Poetry Exploration	0.5			Vibe Chemistry	1	The Civil War [HIS266]	0.5				
Public Speaking [SPC112]	0.5			Vibe Earth Science	1	U.S. History to 1877 [HIS151]	0.5				
Speech	0.5			Vibe Env Sci	0.5	Understanding Social Systems	0.5				
Vibe (Ind Study) Reading	0.5			Vibe Physical Science	1	Vibe American Studies	1				
Vibe English 1	1			Vibe Practical Apps of Sci	0.5	Vibe Government	0.5				
Vibe English 2	1					Vibe Human Geography	0.5				
Vibe English 3	1					Vibe Modern World History	0.5				
Vibe English 4	0.5					Vibe Psychology	0.5				
Vibe Speech	0.5					Vibe Sociology	0.5				
						Vibe USS	0.5				
						Vibe World Geography	0.5				
						Vibe World Studies	1				
						Vibe World War I	0.5				
						Wstrn Civ: Ancient to Early Modern [HIS110]	0.5				
						World Civ I [HIS131]	0.5				
						World Regional Geography [GEO121]	0.5				
						World Studies	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.