

2022 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)

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.

BURLINGTON COMMUNITY HIGH SCHOOL, BURLINGTON, CORE COURSES APPROVED FOR RAI

Source: 2021-2022 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	Adv Chemistry	1	American Culture: Film	0.5	Elem Spanish I [FLS141]	0.5	AP Computer Sci Principles	0.5
AP Literature	1	Algebra 2	1	Anatomy & Physiology	1	American Culture: Music	0.5	Elem Spanish II [FLS142]	0.5		
Beginning Debate	0.5	Algebra 2 Honors	1	Anatomy & Physiology 3	0.5	American Literature	0.5	Spanish 1	1		
Composition I [ENG105]	0.5	AP Calculus AB	1	AP Chemistry Via	1	American Studies	1	Spanish 2	1		
Composition II [ENG106]	0.5	Calculus Honors	1	Astronomy	0.5	AP European History	1	Spanish 2 Honors	1		
Creative Writing	0.5	Calculus I [MAT210]	0.5	Biology	1	AP U.S. History	1	Spanish 3	1		
English 1	1	Calculus II [MAT216]	0.5	Classical Physics I [PHY212]	0.5	Exploring Wars & Conflicts	0.5	Spanish 3 Honors	1		
English 1 Honors	1	College Algebra [MAT120]	0.5	Classical Physics II [PHY222]	0.5	Government	0.5	Spanish 4	1		
English 2	1	Geometry	1	Earth Science	0.5	Intro to Philosophy [PHI101]	0.5	Spanish 4 Honors	1		
English 2 Honors	1	Geometry Honors	1	Environmental Science	0.5	Intro to Psychology [PSY111]	0.5				
English 3	1	Pre-Calculus	1	Env Sci [ENV111]	0.5	Intro to Sociology [SOC110]	0.5				
English 3 Honors	1	Statistics	0.5	Essentials of Anat & Phys [BIO163]	0.5	Modern Asian History [HIS211]	0.5				
English 4	0.5	Statistics [MAT156]	0.5	General Chemistry	1	Modern History 1980 to Present	0.5				
English 4: British Lit	0.5	Trig & Analytic Geom [MAT134]	0.5	General Chemistry I [CHM165]	0.5	Psychology	0.5				
English 4: Senior Lit Hnrs	0.5			General Physics	1	Survey of World Religions [REL101]	0.5				
English 4: World Lit	0.5			Human Anat & Phys I [BIO168]	0.5	U.S. Ethnic Studies	0.5				
Heroes & Villains	0.5			Human Anat & Phys II [BIO173]	0.5	U.S. History Since 1877 [HIS152]	0.5				
Independent Reading	0.5			Microbiology [BIO186]	0.5	Understanding Social Systems	0.5				
Intro to Lit [LIT101]	0.5			Organic Chemistry I [CHM263]	0.5	United States History to 1878 [HIS151]	0.5				
Journalism 1	0.5			Organic Chemistry II [CHM273]	0.5	Wstrn Civ: Ancient to Early Modern [HIS110]	0.5				

BURLINGTON COMMUNITY HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)											
Source: 2018-2019 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*
Myth, Folktales, Heroes in Lit	0.5			Physical Science	1	World Geography	0.5				
Pathfinder	0.5			Physics Study Honors	1	World Studies	1				
Poetry Exploration	0.5			Practical Apps of Science	0.5						
Public Speaking [SPC112]	0.5			Zoology 1	0.5						
Speech	0.5			Zoology 2	0.5						
Speech & Debate Honors	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: 7/19/2022