

2021 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: 2020-2021 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	(PLTW) Principles of Engrg	1	African American History [HIS257]	0.5	Elem Spanish 1 [FLS141]	0.5		
AP Literature	1	Algebra 2	1	Adv Chemistry	1	American Culture: Film	0.5	Spanish 1	1		
Beginning Debate	0.5	Algebra 2 Honors	1	Anatomy & Physiology 1	0.5	American Studies	1	Spanish 1 Honors	1		
Composition I [ENG105]	0.5	AP Calculus AB	1	Anatomy & Physiology 2	0.5	AP European History	1	Spanish 2	1		
Composition II [ENG106]	0.5	Calculus Honors	1	Anatomy & Physiology 3	0.5	AP Psychology	1	Spanish 2 Honors	1		
Creative Writing	0.5	Calculus I [MAT210]	0.5	Anat & Phys I [BIO168]	0.5	AP U.S. History	1	Spanish 3	1		
English 1	1	Calculus III [MAT219]	0.5	Anat & Phys II [BIO173]	0.5	Child Psychology [PSY222]	0.5	Spanish 3 Honors	1		
English 1 Honors	1	College Algebra [MAT120]	0.5	AP Biology	1	Exploring Wars & Conflicts	0.5	Spanish 4	1		
English 1 Honors In	0.5	Covid Pre-Calculus	0.5	Astronomy	0.5	Government	0.5				
English 1 In	0.5	Diff Equations w/Laplace [MAT227]	0.5	BILA Biology	0.5	Humanities	0.5				
English 2	1	Geometry	1	BILA Physical Science	0.5	Intro to Economics [ECN110]	0.5				
English 2 Honors	1	Geometry Honors	1	Biology	1	Intro to Ethics [PHI105]	0.5				
English 3	1	Practical Statistics	0.5	Biology Honors	1	Intro to Philosophy [PHI101]	0.5				
English 3 Honors	1	Pre-Calculus	1	Earth Science	1	Intro to Political Sci [POL110]	0.5				
English 4	0.5	Statistics	0.5	Essentials of Anat & Phys [BIO163]	0.5	Intro to Psychology [PSY111]	0.5				
English 4: British Lit	0.5	Statistics [MAT156]	0.5	General Chemistry	1	Intro to Sociology [SOC110]	0.5				
English 4: Senior Lit Hnrs	0.5	Trig & Analytic Geom [MAT134]	0.5	General Chemistry [CHM166]	0.5	Juvenile Delinquency [SOC230]	0.5				
English 4: World Lit	0.5			General Inorganic Chemistry I [CHM165]	0.5	Microeconomics [ECN130]	0.5				
Heroes & Villains	0.5			General Inorganic Chemistry II [CHM175]	0.5	Modern History 1980 to Present	0.5				
Independent Reading	0.5			General Physics	1	Nazi Germany [HIS224]	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*
Intro to Lit [LIT101]	0.5			Intro to Earth Sci [PHS185]	0.5	Psychology	0.5				
Myth, Folktales, Heroes in Lit	0.5			Microbiology[BIO186]	0.5	Social Problems [SOC115]	0.5				
Pathfinder	0.5			Physical Science	1	Survey of World Religions [REL101]	0.5				
PoetryExploration	0.5			Physics StudyHonors	1	U.S. History to 1877 [HIS151]	0.5				
Public Speaking [SPC112]	0.5			Practical Apps of Science	0.5	Understanding Social Systems	0.5				
Speech	0.5			Principles of Astronomy [PHS142]	0.5	Wstrn Civ: Ancient to Early Modern [HIS110]	0.5				
				Zoology1	0.5	World Studies	1				
				Zoology2	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 by5 to determine the number ofRAI points awarded for the course.

Updated: 8/9/2021