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.

TREYNOR MIDDLE SCHOOL / HIGH SCHOOL, TREYNOR, 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*
Adv Communication	0.5	Algebra 1	1	Anatomy & Physiology	1	American Film [HUM122]	0.5	Spanish 1	1		
Adv English	1	Algebra 2	1	Biology	1	American Ntnl Govt [POL111]	0.5	Spanish 2	1		
British Lit I [LIT140]	0.5	Calculus I [MAT211]	0.5	Chemistry	1	Developmental Psychology [PSY121]	0.5	Spanish 3	1		
Composition I [ENG105]	0.5	Calculus II [MAT217]	0.5	Environmental Science	0.5	Economics	0.5	Spanish 4	1		
Composition II [ENG106]	0.5	Calculus III [MAT220]	0.5	Human Biology [BIO157]	0.5	Intro to Ethics [PHI105]	0.5				
Creative Writing	0.5	College Algebra [MAT121]	0.5	Intro to Oceanography [PHS160]	0.5	Intro to Philosophy [PHI101]	0.5				
English 1	1	Diff Eqtns w/ Laplace [MAT227]	0.5	Nutrition [BIO151]	0.5	Intro to Sociology [SOC110]	0.5				
English 2	1	Geometry	1	Physical Geology [PHS172]	0.5	Minority Group Relations [SOC200]	0.5				
Intercultural Comms [SPC120]	0.5	Honors Algebra 2	1	Physical Science	1	Modern Issues	0.5				
Interpersonal Comm [SPC122]	0.5	Pre-Calculus	1	Physics	1	Principles of Macroecon [ECN120]	0.5				
Intro to Lit [LIT101]	0.5	Statistics	1			Principles of Microecon [ECN130]	0.5				
Novels	1	Statistics [MAT157]	0.5			Psychology	0.5				
Public Speaking [SPC112]	0.5	Trigonometry [MAT130]	0.5			Street Law	0.5				
Writing for the Workplace [ENG110]	0.5					Survey of World Religions [REL101]	0.5				
						U.S. Government	0.5				
						U.S. History After 1877	1				
						U.S. History to 1877 [HIS151]	0.5				
						U.S. Wars & Military Conflicts	0.5				
						Wstrn Civ: Ancient to Early Modern [HIS110]	0.5				
						Wstrn Civ: Early Modern to Present [HIS111]	0.5				
						World History	1				
						World Regional Geography [GEO121]	0.5				

TREYNOR MIDDLE SCHOOL / 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*
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