2023 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.

VALLEY HIGH SCHOOL-WDSM, WEST DES MOINES, CORE COURSES APPROVED FOR RAI
Source: 2022-2023 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 Composition	0.5	Algebra 1	1	Adv Biology	1	AP European History [HIS112]	0.5	AP Chinese Lang & Cultures	0.5	AP Computer Science A	0.5
Adv Contemp Lit	0.5	Algebra 2	1	AP Biology [BIO112]	0.5	AP European History [HIS113]	0.5	AP French	1	AP Computer Sci A [CIS451]	0.5
Adv World Literature	0.5	Algebra 2 Trigonometry	1	AP Biology [BIO113]	0.5	AP Human Geography	1	AP Latin	1	AP Computer Sci Principles [CIS450]	0.5
American Heritage	0.5	AP Calculus AB	0.5	AP Env Sci [ENV115]	0.5	AP Macroeconomics	0.5	AP Spanish Lang [FLS241]	0.5		
American Literary Voices	0.5	AP Calculus AB [MAT211]	0.5	AP Env Sci [ENV116]	0.5	AP Psychology	0.5	AP Spanish Lang [FLS242]	0.5		
AP Lang & Comp 1 [ENG105]	0.5	AP Calculus BC	0.5	AP Physics	1	AP Psychology [PSY111]	0.5	French 1	1		
AP Lang & Comp 2 [ENG106]	0.5	AP Calculus BC [MAT217]	0.5	Astronomy	1	AP U.S. Govt & Politics [POL111]	0.5	French 2	0.5		
AP Lit & Comp [LIT101]	0.5	AP Statistics	0.5	Biology	1	AP World History: Modern [GLS200]	0.5	French 3	0.5		
AP Lit & Comp [LIT185]	0.5	AP Statistics [MAT157]	0.5	Chemistry	1	AP World History: Modern [GLS220]	0.5	French 4	1		
Bards Rebels & Shakespeare	0.5	Geometry	1	General Chemistry I [CHM165]	0.5	Current Issues	0.5	German 1	1		
Creative Writing	0.5	Pre-Calculus	0.5	General Chemistry II [CHM175]	0.5	Economics	0.5	German 2	1		
Creative Writing [ENG221]	0.5	Pre-Calculus [MAT129]	0.5	Geology	1	Global Geography & Cultures	1	German 3	1		
Debate 1/Public Speaking	1	Statistics	0.5	Human Anat & Phys	0.5	Government	0.5	Heritage Spanish Foundations	1		
Debate 2	1	Trigonometry	0.5	Meteorology	0.5	Psychology	0.5	Heritage Spanish Lang Arts	1		
Debate 3	1			Organic Chemistry	0.5	Sociology	0.5	Intermediate German I [FLG241]	0.5		
Debate 4	1			Physical Science	1	U.S. History	1	Intermediate German II [FLG242]	0.5		
Dramatic Literature	0.5			Physics	1	World Civilization	1	Latin 1	0.5		
Film As Literature	1			PLTW - Principles of Engrg [EGT410]	0.5			Latin 2	1		
Fund of Oral Comm [SPC101]	0.5			Principles of Engineering	0.5			Latin 3	1		
Fundamentals of Writing	0.5							Latin 4	1		
Fund of Writing Lab	0.5							Mandarin Chinese 1	1		
Gender Race & Cultures in Lit	0.5							Mandarin Chinese 2	1		

VALLEY HIGH SCHOOL-WDSM CORE COURSES APPROVED FOR RAI (cont.)
Source: 2022-2023 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*
Intermediate Writing	0.5							Mandarin Chinese 3	1		
Journalism 1	0.5							Mandarin Chinese 4	1		
Language & Literature	1							Spanish 1	1		
Lit & Comp	0.5							Spanish 2	1		
Literature & the Land	0.5							Spanish 3	1		
Science Fiction & Fantasy	1							Spanish 4	1		
Self Society & Literature	0.5										
Speech Communications	0.5										
Speech/Composition	1										
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: 7/28/2023