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.

MOUNT VERNON HIGH SCHOOL, MOUNT VERNON, 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*
21st Century Journalistic Writing	0.5	Algebra 1	1	Anatomy & Physiology	1	AP Microeconomics	0.5	American Sign Lang II [ASL171]	0.5	AP Computer Sci Principles	1
Adv Composition	0.5	Algebra 2	1	AP Chemistry	1	AP Psychology	0.5	American Sign Lang III [ASL245]	0.5		
African American Lit	0.5	AP Calculus AB	1	AP Environmental Science	0.5	AP World History	1	Elem French I [FLF141]	0.5		
AP English Lang & Comp	0.5	Calculus II [MAT216]	0.5	Astronomy/Meteorology	0.5	Criminal Justice	0.5	Elem Spanish 1 [FLS141]	0.5		
AP English Lit & Comp	1	College Alg w/ Limits [MAT138]	0.5	Biology	1	Developmental Psychology [PSY121]	0.5	German 1	1		
Children's Lit [LIT105]	0.5	College Prep Math	0.5	Chemistry	1	Encounters in Humanities [HUM116]	0.5	German 2	1		
College Writing [ENG120]	0.5	Geometry	1	Chemistry 1	0.5	Honors U.S. History	1	German 3	1		
Composition I [ENG105]	0.5	Honors Algebra 2	1	College Prep Physics	1	Intro to Ethics [PHI105]	0.5	Honors German 4	1		
Composition II [ENG106]	0.5	Hnrs Pre-Calc & Trig	1	Earth Science	0.5	Intro to Law [PRL103]	0.5	Honors Spanish 4	1		
Contemporary Literature	0.5	Intermediate Alg [MAT102]	0.5	Env Sci [ENV115]	0.5	Intro to Psychology [PSY111]	0.5	Spanish 1	1		
Drama Interpretation/Expression	0.5	Statistics [MAT157]	0.5	Human Biology [BIO154]	0.5	Intro to Sociology [SOC110]	0.5	Spanish 2	1		
Elements of Writing [ENG101]	0.5			Physics 1	0.5	Macroeconomics [ECN120]	0.5	Spanish 3	1		
English 1	1			PLTW - Principles of Engrg [EGT410]	0.5	Microeconomics [ECN130]	0.5				
English 2	0.5					Political Science	0.5				
Fiction Writing	0.5					Popular Culture [HUM142]	0.5				
Film As Literature	0.5					Psychology	0.5				
Forms of Lit: Fiction [LIT206]	0.5					Social Psychology [PSY251]	0.5				

MOUNT VERNON 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*
Fund of Oral Comm [SPC101]	0.5					Sociology	0.5				
Honors Composition	0.5					Sociology of Aging [SOC220]	0.5				
Honors Speech & Debate	0.5					Sports in American Society	0.5				
Interpersonal Comm	0.5					U.S. History	1				
Lit & Culture: American Dreams [LIT222]	0.5					U.S. History Since 1877 [HIS152]	0.5				
Mystery Stories	0.5					U.S. History to 1877 [HIS151]	0.5				
Popular Literature	0.5					Understanding Cultures: Latin America [CLS151]	0.5				
Speech	0.5					Women in U.S. History	0.5				
						Working in America [HUM105]	0.5				
						World History	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: 8/9/2021