



# 2020 RAI Core Course List



IOWA STATE  
UNIVERSITY



THE UNIVERSITY  
OF IOWA

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.

*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.

(3 x ACT composite score)  
+ (30 x high school GPA)  
+ (5 x number of years of high school core courses)

Regent Admission Index Score

## MOUNT VERNON HIGH SCHOOL, MOUNT VERNON, CORE COURSES APPROVED FOR RAI

*Source: 2019-2020 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	Adv Chemistry	0.5	American Govt [POL111]	0.5	German 1	1		
Adv Composition	0.5	Algebra 2	1	Anatomy & Physiology	1	Ancient Mediterranean World [HIS121]	0.5	German 2	1		
African American Lit	0.5	AP Calculus AB	1	Anat & Phys I [BIO168]	0.5	AP World History	1	German 3	1		
AP English Lit & Comp	1	College Prep Math	0.5	Astronomy/Meteorology	0.5	Criminal Justice	0.5	Honors German 4	1		
Composition I [ENG105]	0.5	Geometry	1	Basic Anat & Phys [BIO161]	0.5	Developmental Psychology [PSY121]	0.5	Honors Spanish 4	1		
Composition II [ENG106]	0.5	Honors Algebra 2	1	Biology	1	Europe in the Age of Monarchy [HIS122]	0.5	Spanish 1	1		
Contemporary Literature	0.5	Hnrs Pre-Calc & Trig	1	Chemistry	1	Honors U.S. History	1	Spanish 2	1		
Creative Writing [ENG221]	0.5	Statistics [MAT157]	0.5	Chemistry 1	0.5	International Relations	0.5	Spanish 3	1		
Drama Interpretation/Expression	0.5			Earth Science	0.5	Intro to Law [PRL103]	0.5				
Elements of Writing [ENG101]	0.5			Env Sci [ENV115]	0.5	Intro to Psychology [PSY111]	0.5				
English 1	1			Human Evolution [BIO195]	0.5	Intro to Sociology [SOC110]	0.5				
English 2	0.5			Physics	1	Issues in American Govt	0.5				
Fiction Writing	0.5			Physics 1	0.5	Marriage & Family [SOC120]	0.5				
Film As Literature	0.5					Microeconomics [ECN130]	0.5				
Forms of Lit: Poetry [LIT207]	0.5					Political Science	0.5				
Fund of Oral Comm [SPC101]	0.5					Psychology	0.5				
Honors Composition	0.5					Sociology	0.5				
Honors Speech & Debate	0.5					Sports in American Society	0.5				
Interpersonal Comm	0.5					Sports Psychology	0.5				
Mystery Stories	0.5					Survey of World Religions [REL101]	0.5				
Popular Literature	0.5					U.S. History	1				
Speech	0.5					U.S. History Since 1877 [HIS152]	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*
						U.S. History to 1877 [HIS 151]	0.5				
						Understanding Cultures: Latin America [CLS 151]	0.5				
						World Film History [HUM 124]	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: 8/18/2020