



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

MAQUOKETA COMMUNITY HIGH SCHOOL, MAQUOKETA, 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*
Communications	0.5	Adv Algebra 2	0.5	Adv Biology	0.5	American Govt [POL111]	0.5	Elem Spanish 1 [FLS141]	0.5		
Composition I [ENG105]	0.5	Algebra 1	1	Anatomy & Physiology	0.5	Changes & Choices [HUM110]	0.5	Spanish 1	1		
Composition II [ENG106]	0.5	Algebra 2	1	Anat & Phys I [BIO168]	0.5	Contemp World Issues [GLS100]	0.5	Spanish 2	1		
Creative Writing	0.5	Calculus I [MAT210]	0.5	Astronomy [PHS152]	0.5	Criminology [CRJ200]	0.5	Spanish 3	1		
English 09	1	Calculus II [MAT216]	0.5	Biology	1	Current Events	0.5	Spanish 4	1		
English 10	1	College Algebra [MAT212]	0.5	Chemistry	1	Economics	0.5				
English 11	1	Geometry	1	College Physics I [PHY162]	0.5	Global Cultures	1				
Intro to Lit [LIT101]	0.5	Pre-Calculus [MAT128]	0.5	Earth Science	1	Government	0.5				
Language Arts Essentials	1	Statistics [MAT156]	0.5	Env Sci [ENV111]	0.5	Humanities of the Early World [HUM135]	0.5				
Public Speaking [SPC112]	0.5			Essentials of Anat & Phys [BIO163]	0.5	Humanities of the Renaissance [HUM136]	0.5				
Publications	1			Exploring Physical Sci [PHS120]	0.5	Intro to Ethics [PHI105]	0.5				
Research/Technical Writing	0.5			General Biology IA [BIO114]	0.5	Intro to Philosophy [PHI101]	0.5				
				General Biology IIA [BIO115]	0.5	Intro to Psychology [PSY111]	0.5				
				General Inorganic Chemistry I [CHM165]	0.5	Intro to Social Work [SOC160]	0.5				
				Human Biology [BIO157]	0.5	Intro to Sociology [SOC110]	0.5				
				Intro to General Chemistry [CHM122]	0.5	Modern World History	0.5				
				Meteorology, Weather & Climate [PHS166]	0.5	Psychology	0.5				
				Physical Geology [PHS172]	0.5	Social Problems [SOC115]	0.5				
				Physical Science	1	Sociology	0.5				
				Physics	1	Survey of World Religions [REL101]	0.5				
				Plant Biology [BIO125]	0.5	U.S. History	1				
						U.S. History Since 1877 [HIS152]	0.5				

MAQUOKETA 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*
						U.S. Historyto 1877 [HIS151]	0.5				
						Wstrn Civil:Ancient & Medieval [HIS117]	0.5				
						Wstrn CivII:EarlyModern [HIS118]	0.5				
						Wstrn CivIII:The Modern Period [HIS119]	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: 8/18/2020