



# 2018 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. Because your school issues class rank, your RAI formula is:

- (2 x ACT composite score)
- + (1 x percentile high school rank)
- + (20 x high school GPA)
- + (5 x number of high school core courses)

*Note:* For purposes of calculating the RAI, SAT scores will be converted to ACT composite equivalents, 99% is the top value for high school rank, 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.

Regent Admission Index Score

## MAQUOKETA COMMUNITY HIGH SCHOOL, MAQUOKETA, CORE COURSES APPROVED FOR RAI

*Source: 2017-2018 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)*

English	CU*	Math	CU*	Science	CU*	Social Studies	CU*	World Languages	CU*
Communications	0.5	Advanced Algebra 2	1	Astronomy [PHS152]	0.5	Abnormal Psychology [PSY241]	0.5	Elem German 1 [FLG141]	0.5
Composition 1 [ENG105]	0.41	Advanced Geometry	1	Biology	1	American Ntnl Govt [POL111]	0.41	Spanish 1	1
Composition 2 [ENG106]	0.41	Algebra 1	1	Chemistry	1	Changes & Choices [HUM110]	0.5	Spanish 2	1
Creative Writing	0.5	Algebra 2	1	Earth Science	1	Contemp World Issues [GLS100]	0.41	Spanish 3	1
Creative Writing [ENG221]	0.5	Calculus 1 [MAT210]	0.5	EnvSci [ENV111]	0.69	Current Events	0.5	Spanish 4	1
English 09	1	Calculus 2 [MAT216]	0.5	Exploring Physical Sci [PHS120]	0.5	Developmental Psychology [PSY121]	0.41		
English 10	1	College Algebra [MAT121]	0.55	General Biology IA [BIO114]	0.69	Economics	0.5		
English 11	1	Geometry	1	Human Anat & Phys 1 w/Labs [BIO168]	0.69	Global Cultures	1		
Intro to Lit [LIT101]	0.5	Pre-Calc Mathematics [MAT128]	0.55	Human Anat & Phys 2 w/Labs [BIO173]	0.5	Government	0.5		
Language Arts 11	1	Statistics [MAT156]	0.41	Human Biology [BIO157]	0.69	Human Sexuality [PSY261]	0.5		
Public Speaking [SPC112]	0.41			Meteorology: Weather & Climate [PHS166]	0.5	Intro to Ethics [PHI105]	0.41		
Research/Technical Writing	0.5			Physical Science	1	Intro to Logic [PHI110]	0.5		
				Physics	1	Intro to Philosophy [PHI101]	0.41		
				Plant Biology [BIO125]	0.5	Intro to Psychology [PSY111]	0.41		
				Principles of Engrg [EGT410]	0.5	Intro to Sociology [SOC110]	0.41		
						Latin American History & Culture [CLS150]	0.5		
						Modern World History	0.5		
						Principles of Macroecon [ECN120]	0.41		
						Psychology	0.5		
						Sociology	0.5		
						Survey of World Religions [REL101]	0.41		

**MAQUOKETA COMMUNITY HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)**  
*Source: 2017-2018 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)*

English	CU*	Math	CU*	Science	CU*	Social Studies	CU*	World Languages	CU*
						U.S. History		1	
						U.S. History to 1878 [HIS151]		0.41	
						Wstrn Civ I: Ancient & Medieval [HIS117]		0.41	
						Wstrn Civ II: Early Modern [HIS118]		0.41	
						Wstrn Civ III: The Modern Period [HIS119]		0.41	
						World Regional Geography [GEO121]		0.41	
<b>Total English</b>		<b>Total Math</b>		<b>Total Science</b>		<b>Total Social Studies</b>		<b>Total World Languages</b>	

\*The numbers in this column represent the Carnegie units awarded for each course. This numbers should be multiplied by 5 to determine the number of RAI points awarded for the course.

Updated: 8/14/2018