



# 2018 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. Because your school does not issue class rank, your RAI formula is:

- (3 x ACT composite score)
- + (30 x high school GPA)
- + (5 x number 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.

## JOHNSTON SENIOR HIGH SCHOOL, JOHNSTON, 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*
Advanced Freshman English	1	Algebra 1	1	Accel Science	1	American Government	0.5	1 Spanish	0.5
Adv Integrated Lang Arts	1	Algebra 2	1	Anatomy & Physiology	1	American Government 1	0.5	AP Spanish [FLS241]	0.5
Advanced Speech	0.5	Algebra 2/Trigonometry	0.5	AP Biology	1	AP Psychology	0.5	French 1	1
AP Lang & Comp [ENG 105]	0.5	Algebra 2/Trigonometry	1	AP Chemistry	1	AP Psychology [PSY111]	0.5	French 2	1
AP Lit & Comp	0.5	AP Calculus AB [MAT211]	1	AP Environmental Science	1	AP U.S. History	1	French 3	0.5
AP Lit & Comp [LIT101]	0.5	AP Calculus BC	0.5	AP Physics	0.5	AP World History	1	French 4	0.5
AP Lit & Comp [LIT185]	0.5	AP Calculus BC	1	AP Physics B	1	Economics	0.5	German 4	1
Creative Writing	0.5	AP Calculus BC [MAT217]	0.5	AP Physics C	0.5	IB 20th Century World HL	1	Spanish 1	1
Cross Currents	0.5	AP Statistics [MAT157]	1	Astronomy	0.5	IB Theory of Knowledge	0.5	Spanish 2	1
Culture Clash	0.5	Elem Diff Eqtns w/ Laplace Transforms [MAT227]	0.5	Biology	1	Principles of Economics	0.5	Spanish 3	0.5
Freshman English	1	Extended Algebra 1	0.5	Biotechnology	0.5	Psychology	0.5	Spanish 4	0.5
Freshman English (Plato)	0.5 <sup>1</sup>	Geometry	1	Botany	0.5	Social Issues	0.5		
Freshmen English	0.5	IB Math SL	0.5	Environmental Science	0.5	Sociology	0.5		
Genders' Game	0.5	Linear Alg w/Applications [MAT148]	0.5	Forensic Science	0.5	Topics in History	0.5		
Heroic Men & Women	1	Pre-Calculus	1	General Chemistry	1	U.S. History	1		
IB English HL	1	Trigonometry/Topics	1	IB Env Systems & Societies	0.5	U.S. History Blended	1		
Integrated Language Arts	0.5			IB Env Systems & Sociology	0.5	World History	0.5		
Journalism	0.5			Intro Biology w/lab [BIO 104]	0.5	World Studies	1		
On the Road	0.5			Intro to Biotechnology w/Lab [BIO 191]	1				
Pushing the Limits	0.5			Invest in Science	1				
Reading the Screen	0.5			Marine Biology 1 [BIO 225]	0.5				

**JOHNSTON SENIOR 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*
Sport, Competition & Culture	1			Marine Biology 2 [BIO227]	0.5				
Teen in the World	0.5			Physical Science	1				
The Creative Mind	0.5			Physical Science (Plato)	0.5				
Working It Out	0.5			Physics	1				
YH Genders Game	0.5			Principles of Engr [EGT410]	0.5				
				Zoology	0.5				
<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 number should be multiplied by 5 to determine the number of RAI points awarded for the course.

Updated: 8/14/2018