



# 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 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

## NEWTON SENIOR HIGH SCHOOL, NEWTON, 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*
American Literature	1	Algebra 1	1	AP Biology	1	20th Century Wars	0.5	AP Spanish	1
AP Writing	1	Algebra 2	1	AP Chemistry	1.5	Abnormal Psychology [PSY241]	0.5	French 1	1
British Lit 1616 to 1900	0.5	AP Calculus AB [MAT211]	0.5	Biology	1	Ancient Greece & Rome	0.5	French 2	1
British Lit to 1616	0.5	Geometry	1	Chemistry	1	AP U.S. Government	0.5	Intermediate French 1 [FLF241]	0.5
Composition 1 [ENG105]	0.5	Honors Algebra 1	0.5	Enhanced Integrated Sci	1	Developmental Psychology [PSY121]	0.38	Intermediate French 2 [FLF242]	0.5
Composition 2 [ENG106]	0.5	Honors Algebra 2	1	Env Sci Lab [ENV116]	0.5	Economics	0.5	Spanish 1	1
Creative Writing [ENG221]	0.5	Honors Geometry	1	Env Sci [ENV115]	0.38	Encounters in Humanities [HUM116]	0.5	Spanish 2	1
English 1	1	Pre-Calculus	1	Human Anat & Phys 1 w/Labs [BIO168]	0.67	Global Studies	0.5	Spanish 3	1
English 2	0.5	Statistics [MAT157]	0.5	Human Anat & Phys 2 w/Labs [BIO173]	0.5	Human Sexuality [PSY261]	0.5	Spanish 4	1
Enhanced English 1	1			Integrated Science	1	Intro to Ethics [PHI105]	0.5		
Enhanced English 2	0.5			Physics	1	Intro to Logic [PHI110]	0.5		
Fund of Oral Comm [SPC101]	0.5			Principles of Engrg [EGT410]	0.5	Intro to Philosophy [PHI101]	0.5		
Humor in Lit [LIT193]	0.5					Intro to Psychology [PSY111]	0.5		
Intro to Journalism	0.5					Iowa History [HIS201]	0.5		
Lit & Film Adaptation [LIT209]	0.5					Principles of Macroecon [ECN120]	0.5		
Public Speaking	0.5					Principles of Microecon [ECN130]	0.5		
Science Fiction [LIT166]	0.5					Psychology	0.5		
Speech	0.5					Social Psychology	0.5		
World Lit 1 [LIT150]	0.5					Sociology	0.5		
World Lit 2 [LIT151]	0.5					Stress & Stress Management [PSY172]	0.5		

### NEWTON 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*
Writing	0.5		U.S. Government	0.5	
			U.S. History 1	0.5	
			U.S. History 2	0.5	
			Wstrn Civ: Ancient to Early Modern [HIS 112]	0.67	
<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