



# 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.

## WAUKEE SENIOR HIGH SCHOOL, WAUKEE, 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*
AP Lang & Comp	1	Algebra 1	1	Advanced Chemistry	1	American Government	0.5	AP Spanish 5 [FLS241]	0.5
AP Lit & Comp	0.5	Algebra 2	1	AP Biology [BIO112]	0.5	American Government 2	0.5	AP Spanish 5 [FLS242]	0.5
AP Lit & Comp [LIT101]	0.5	AP Calculus AB	0.5	AP Biology [BIO113]	0.5	American History	1	German 1	1
College Prep English	1	AP Calculus AB [MAT211]	0.5	AP Physics B	1	AP American Government	0.5	German 2	1
Composition 1 [ENG105]	0.5	AP Calculus BC	0.5	AP Physics C	1	AP American Govt [POL111]	0.5	German 3	1
Composition 2 [ENG106]	0.5	AP Calculus BC [MAT217]	0.5	Astronomy	0.5	AP American History [HIS150]	0.5	German 4	1
Creative Writing	0.5	AP Statistics	0.5	Biology	0.5	AP American History [HIS153]	0.5	Intermediate German 1 [FLG241]	0.5
Creative Writing 2	0.5	AP Statistics [MAT157]	0.5	Chemistry	1	AP European History [HIS112]	0.5	Intermediate Spanish 2 [FLS242]	0.5
ELL Language Development	1	Finite Math	0.5	Environmental Ecology	0.5	AP European History [HIS113]	0.5	Spanish 1	1
English 1	1	Finite Math [MAT141]	0.5	Field Studies in Medical Scis [BIO900]	0.5	AP Psychology (IOAPA)	1	Spanish 2	1
English 2	1	Formal Geometry	1	Geology	0.5	Contemporary Affairs	0.5	Spanish 3	1
English 3	1	Foundations of Algebra 2	1	Honors Biology	1	Developmental Psychology [PSY121]	0.5	Spanish 4	1
English Concepts 1	1	Pre-Calculus	0.5	Honors Biology Skinny	1	Economics	0.5		
Honors English 1	1	Pre-Calculus [MAT129]	0.5	Human Phys & Anat	1	Intro to Ethics [PHI105]	0.5		
Honors English 2	1	Probability & Statistics	0.5	Modern Biology	1	Intro to Logic [PHI110]	0.5		
Intro to Publication	1	Trigonometry	0.5	Modern Biology Skinny	1	Intro to Philosophy [PHI101]	0.5		
Myths & Legends	0.5			Physical Science	1	Intro to Psychology [PSY111]	0.5		
Publications	1			Principles of Engineering	0.5	Intro to Sociology [SOC110]	0.5		
Speech 1	1.5			Principles of Engrg [EGT410]	0.5	Modern World History	1		
Speech 2	0.5					Principles of Microecon [ECN130]	0.5		
Speech 3	0.5					Psychology	0.5		
Women Writers [LIT190]	0.11					Recent U.S. History	0.5		

**WAUKEE 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*
						Social Problems [SOC115]	0.5		
						Sociology	0.5		
						Survey of World Religions [REL101]	0.5		
						U.S. Geography	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