



# 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

## WAUKEE SENIOR HIGH SCHOOL, WAUKEE, 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*
AP Lang & Comp	1	Algebra 1	1	Adv Biology	0.5	American Government	0.5	AP Spanish 5 [FLS241]	0.5	AP Computer Science	1
AP Lit & Comp	0.5	Algebra 2	1	AP Biology [BIO112]	0.5	American History	1	AP Spanish 5 [FLS242]	0.5		
AP Lit & Comp [LIT101]	0.5	AP Calculus AB	0.5	AP Biology [BIO113]	0.5	AP American Government	0.5	German 1	1		
Children's Literature	0.5	AP Calculus AB [MAT211]	0.5	AP Chemistry	1	AP American Govt [POL111]	0.5	German 2	1		
College Prep English	1	AP Calculus BC	0.5	AP Env Sci (IOAPA)	0.5	AP American History [HIS150]	0.5	German 3	1		
Composition I [ENG105]	0.5	AP Calculus BC [MAT217]	0.5	AP Physics	1	AP American History [HIS153]	0.5	German 4	1		
Creative Writing	0.5	AP Statistics	0.5	AP Physics C	1	AP European History [HIS112]	0.5	Intermediate German I [FLG241]	0.5		
Creative Writing 2	0.5	AP Statistics [MAT157]	0.5	Astronomy	0.5	AP European History [HIS113]	0.5	Intermediate Spanish 2 [FLS242]	0.5		
ELL Language Development	1	Finite Math	0.5	Biology	1	AP Macroeconomics (IOAPA)	0.5	Spanish 1	1		
English 1	1	Finite Math [MAT141]	0.5	Chemistry	1	AP Psychology (IOAPA)	0.5	Spanish 2	1		
English 2	1	Formal Geometry	1	Environmental Ecology	0.5	Contemporary Affairs	0.5	Spanish 3	1		
English 3	1	Foundations of Algebra 2	1	Geology	0.5	Developmental Psychology [PSY121]	0.5	Spanish 4	1		
English Concepts 1	1	Ins & Act Science (APEX)	0.5	Honors Biology	1	Economics	0.5				
Fund of Oral Comm [SPC101]	0.5	Pre-Calculus	0.5	Honors Biology Skinny	1	InterNtl Relations [POL121]	0.5				
Honors English 1	1	Probability & Statistics	0.5	Human Phys & Anat	1	Intro to Philosophy [PHI101]	0.5				
Honors English 2	1	Trigonometry	0.5	Intro to Biotechnology w/Lab [BIO191]	0.5	Intro to Psychology [PSY111]	0.5				
Intro to Lit [LIT101]	0.5			Modern Biology	1	Intro to Sociology [SOC110]	0.5				
Intro to Publication	1			Modern Biology Skinny	1	Macroeconomics [ECN120]	0.5				
Myths & Legends	0.5			Physical Science	1	Microeconomics [ECN130]	0.5				
Publications	1			PLTW - Principles of Engrg [EGT410]	0.5	Modern World History	1				
Speech 1	0.5			Principles of Engineering	0.5	Psychology	0.5				

Source: 2018-2019 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)

Source: 2018-2019 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)

\*The numbers in this column should be multiplied by 5 to determine the number of RAJ points awarded for the course.