



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

WEST HIGH SCHOOL-WATERLOO, WATERLOO, 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 English 09	1	Algebra 1	1	Advanced Biology	1	Adv Contemp Affairs	0.5	French 1	1
American Lit & Comp	1	Algebra 1B	1	Advanced Chemistry	1	Advanced U.S. History	1	French 2	1
American Masterpieces	0.5	Algebra 2	1	AP Biology	1	AP U.S. Government	1	French 3	1
AP English Lang & Comp	1	AP Calculus AB	1	AP Chemistry	1	AP U.S. History	1	French 4	1
AP English Lit & Comp	1	Calculus 2 [MAT216]	0.44	AP Physics B	1	Arab/Israeli Conflict	0.5	German 1	1
Children's Literature	0.5	ELL Algebra 1	1	Biology	1	Contemporary Affairs	0.5	German 2	1
Composition 1 [ENG105]	0.5	Geometry	1	Chemistry	1	Criminology [CRJ200]	0.33	German 3	1
Composition 2 [ENG106]	0.5	IB Math SL	1	Earth & Space Science	1	Death & Dying [SOC135]	0.33	German 4	1
Contemporary Literature	0.5	Pre-Calculus/Pre-IB	1	Ecology	1	Developmental Psychology [PSY121]	0.33	IB German SL	1
Creative Writing	0.5	Pre-IB Algebra 2	1	ELL Biology	1	Diversity in America [SOC205]	0.33	IB Spanish SL	1
ELL American Lit & Comp	1	Pre-IB Geometry	1	ELL Earth & Space Science	1	Economics	0.5	Pre-IB German 1	1
ELL English 09	1	Statistics [MAT156]	0.33	ELL Ecology	1	ELL Contemporary Affairs	0.5	Pre-IB Spanish 1	1
ELL English 10	1			Geology	1	ELL Economics	0.5	Pre-IB Spanish 2	1
English 09	1			Human Anat & Phys	1	ELL U.S. Government	0.5	Pre-IB Spanish 3	1
English 10	1			Human Biology [BIO154]	0.33	ELL U.S. History	1	Spanish 1	1
Fund of Oral Comm [SPC101]	0.5			IB Biology SL	1	ELL World History	1	Spanish 2	1
IB Lang & Lit English HL	1			IB Chemistry HL	1	Human Sexuality [PSY261]	0.33	Spanish 3	1
Journalism	0.5			Physics	1	IB Economics HL	1	Spanish 4	1
Pre-IB Adv American Lit	0.5			Pre-IB Adv Earth Space	1	IB Economics SL	1		
Pre-IB Adv Composition	0.5			Principles of Engrg [EGT410]	0.5	IB History HL	1		
Pre-IB Adv English 10	1					IB Theory of Knowledge 11	0.5		
Speech	0.5					IB Theory of Knowledge 12	0.5		

WEST HIGH SCHOOL-WATERLOO 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*
World Literature	0.5		Intro to Psychology [PSY111]	0.33	
			Intro to Psychology [PSY111]	0.5	
			Intro to Sociology [SOC110]	0.33	
			Intro to Sociology [SOC110]	0.5	
			Pre-IB Adv World History	1	
			Psychology 1: Perspectives In	0.5	
			Psychology 2: Psychology Disorders	0.5	
			Russian Civ [CLS 172]	0.33	
			Social Problems [SOC115]	0.33	
			Sociology	0.5	
			Survey of World Religions [REL101]	0.33	
			U.S. Government	0.5	
			U.S. History	1	
			Wstrn Civ I: Ancient & Medieval [HIS 117]	0.5	
			Wstrn Civ II: Early Modern [HIS 118]	0.33	
			Wstrn Civ III: The Modern Period [HIS 119]	0.5	
			World History	1	
Total English	Total Math	Total Science	Total Social Studies	Total World Languages	

*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