2022 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.

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

WEST HIGH SCHOOL-WATERLOO, WATERLOO, CORE COURSES APPROVED FOR RAI

Source: 2021-2022 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*
American Lit & Comp	1	Algebra 1	1	Adv Chemistry	1	African American Experience	0.5	Compacted Spanish 1	0.5		
AP English Lang & Comp	1	Algebra 2	1	AP Biology	1	AP Psychology	1	Compacted Spanish 2	0.5		
AP English Lit & Comp	1	AP Calculus AB	1	AP Chemistry	1	AP U.S. Government	1	French 1	1		
Children's Literature	0.5	Geometry	1	AP Physics	1	Contemporary Affairs	0.5	French 2	1		
Composition I [ENG105]	0.5	IB Math HL Analysis & Approaches	1	Biology	1	Economics	0.5	French 3	1		
Composition II [ENG106]	0.5	IB Math SL Analysis & Approaches	1	Chemistry	1	ELL Economics	0.5	French 4	1		
Creative Writing	0.5	Intro to Statistics	0.5	Earth & Space Science	1	ELL Geography	0.5	German 1	1		
ELL American Lit & Comp	1	Pre-IB Adv Algebra 2	1	ELL Biology	1	ELL U.S. Government	0.5	German 2	1		
ELL English 09	1	Pre-IB Adv Geometry	1	ELL Earth & Space Science	1	ELL U.S. History	1	German 3	1		
ELL English 10	1	Pre-IB Pre-Calculus	1	ELL Physical Science	1	ELL World History	1	German 4	1		
English 09	1	Statistics [MAT156]	0.5	Human Anat & Phys	1	Geography	0.5	IB German SL	1		
English 10	1			IB Biology HL	1	IB Economics HL	1	IB Spanish HL	1		
Film Studies As Lit	0.5			IB Biology SL	1	IB Economics SL	1	IB Spanish SL	1		
Fund of Oral Comm [SPC101]	0.5			IB Chemistry HL	1	IB History HL	1	Pre-IB Adv Spanish 2	1		
IB Lang & Lit English HL	1			IB Chemistry SL	1	IB Theory of Knowledge 11	0.5	Pre-IB Adv Spanish 3	1		
Journalism	0.5			Physical Science	1	IB Theory of Knowledge 12	0.5	Spanish 1	1		
Pre-IB Adv American Lit	0.5			Physics	1	Pre-IB Adv U.S. History	1	Spanish 2	1		
Pre-IB Adv Composition	0.5			Pre-IB Adv Integrated Life Sci	1	Pre-IB Adv World History	0.5	Spanish 3	1		
Pre-IB Adv English 10	1			Pre-IB Adv Integrated Physical Sci	1	Pre-IB Adv World History/	0.5	Spanish 4	1		
Pre-IB English 09	1					Psychology 1: Perspectives In	0.5				
Speech	0.5					Psychology 2: Psychology Disorders	0.5				
World Literature	0.5					Sociology	0.5				

English	Yrs*	Math	Yrs*	Science	Yrs*	Social Studies	Yrs*	World Languages	Yrs*	Computer Science	Yrs*
						U.S. Government	0.5				
						U.S. History	1				
						U.S. History Since 1877 [HIS152]	0.5				
						U.S. History to 1877 [HIS151]	0.5				
						Wstrn Civ I: Ancient & Medieval [HIS117]	0.5				
						Wstrn Civ II: Early Modern [HIS118]	0.5				
						Wstrn Civ III: The Modern Period [HIS119]	0.5				
						World History	1				
Total English		**Total Math**		**Total Science**		**Total Social Studies**		**Total World Languages**		**Total Computer Science**	

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

Updated: 7/19/2022