

# 2021 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.

## EAST HIGH SCHOOL-WATERLOO, WATERLOO, CORE COURSES APPROVED FOR RAI

*Source: 2020-2021 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 Biology	1	African American Experience	0.5	French 1	1		
American Masterpieces	0.5	Algebra 2	1	Adv Chemistry	1	Contemporary Affairs	0.5	French 2	1		
AP English Lang & Comp	1	AP Calculus AB	1	AP Biology	1	Economics	0.5	French 3	1		
AP English Lit & Comp	1	AP IB Math SL Anlys &	1	Biology	1	Geography	0.5	German 1	1		
Children's Literature	0.5	Geometry	1	Chemistry	1	IB History HL	1	German 2	1		
Composition I [ENG 105]	0.5	Pre-IB Adv Algebra 1	1	Earth & Space Science	1	IB Theory of Knowledge 11	0.5	German 3	1		
Composition II [ENG 106]	0.5	Pre-IB Adv Algebra 2	1	Human Anat & Phys	1	IB Theory of Knowledge 12	0.5	German 4	1		
Contemporary Literature	0.5	Pre-IB Adv Geometry	1	IB Biology SL	1	Pre-IB Adv U.S. History	1	IB Spanish HL	1		
Creative Writing	0.5	Pre-IB Pre-Calculus	1	Physical Science	1	Pre-IB Adv World History	0.5	IB Spanish SL	1		
ELL English 09	1	Statistics [MAT156]	0.5	Physics	1	Pre-IB Adv World History/	0.5	Spanish 1	1		
English 09	1			Pre-IB Adv Integrated Life Sci	1	Psychology 1: Perspectives In	0.5	Spanish 2	1		
English 10	1					Psychology 2: Psychology Disorders	0.5	Spanish 3	1		
Fund of Oral Comm [SPC 101]	0.5					Sociology	0.5	Spanish 4	1		
IB Lang & Lit English HL	1					U.S. Government	0.5				
Journalism	0.5					U.S. History	1				
Pre-IB Adv English 10	1					Wstrn Civil: Ancient & Medieval [HIS 117]	0.5				
Pre-IB English 09	1					Wstrn Civil: Early Modern [HIS 118]	0.5				
World Literature	0.5					Wstrn Civil III: The Modern Period [HIS 119]	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.