



# 2018 RAI Core Course List



IOWA STATE  
UNIVERSITY

University of  
**Northern Iowa**

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 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)

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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.

## SOLON HIGH SCHOOL, SOLON, 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*
American Literature	0.5	Algebra 1	1	Advanced Biology: Botany	0.5	Adv American History World War II	0.5	American Sign Lang 1 [ASL141]	0.5
AP Lang & Comp	1	Algebra 2	1	Adv Biology: Microbiology	0.5	Advanced Psychology	0.5	American Sign Lang 2 [ASL171]	0.5
AP Lit & Comp	1	Calculus 3 [MAT219]	0.5	Advanced Biology: Zoology	0.5	American Government	0.5	American Sign Lang 3 [ASL245]	0.5
Composition 1 [ENG105]	0.33	Geometry	1	Advanced Chemistry	1	Criminal Justice	0.5	American Sign Lang 4 [ASL281]	0.5
Composition 2 [ENG106]	0.33	Honors Calculus	1	Anatomy & Physiology	1	Criminology [CRJ200]	0.33	Elem French 1 [FLF141]	0.44
Creative Writing	0.5	Pre-Calculus 1	1	Biology	1	Developmental Psychology [PSY121]	0.33	Elem French 2 [FLF142]	0.5
English 09	1	Pre-Calculus 2	1	Chemistry	1	General Sociology	0.5	Elem Spanish 2 [FLS142]	0.67
English 10	1	Statistics (MAT157)	0.5	Earth, Space & Env Sci	1	General Sociology 2	0.5	French 1 (ILO)	0.5
English 11	1			Geology & Meteorology	0.5	Intro to Human Services [HSV109]	0.33	French 2 (ILO)	0.5
English 12	1			Human Anat & Phys 1 w/Labs [BIO168]	0.55	Intro to Philosophy [PHI101]	0.33	German 1 (ILO)	0.5
Fund of Oral Comm [SPC101]	0.33			Human Anat & Phys 2 w/Labs [BIO173]	0.55	Intro to Psychology	0.5	Intermediate Spanish 1 [FLS241]	0.5
Speech Communication	0.5			Human Biology [BIO154]	0.33	Intro to Psychology [PSY111]	0.33	Latin 1 (ILO)	0.5
				Microbiology & Lab [BIO186]	0.5	Intro to Sociology [SOC110]	0.33	Spanish 1	1
				Physics 1: Energy	1	Latin American Studies	0.5	Spanish 2	1
						Marriage & Family [SOC120]	0.33	Spanish 3	1
						Principles of Macroecon [ECN120]	0.33	Spanish 4	1
						Principles of Microecon [ECN130]	0.33		
						Revisit Iowa	0.5		
						U.S. History	1		
						US History since 1877 [HIS152]	0.33		
						World History	1		

### SOLON 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*
<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: 10/17/2018