

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.

SOLON HIGH SCHOOL, SOLON, 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 Literature	0.5	Algebra 1	1	Adv Biology: Botany	0.5	Adv American History World War II	0.5	American Sign Lang I [ASL141]	0.5	Computer Sci Principles	1
AP Lang & Comp	1	Algebra 2	1	Adv Biology: Microbiology	0.5	Adv Psychology	0.5	American Sign Lang II [ASL171]	0.5		
AP Lit & Comp	1	Calculus I [MAT210]	0.5	Adv Biology: Zoology	0.5	American Government	0.5	American Sign Lang III [ASL245]	0.5		
College Writing [ENG120]	0.5	Fundamentals of Algebra 2	1	Adv Chemistry	1	Criminal Justice	0.5	American Sign Lang IV [ASL281]	0.5		
Composition I [ENG105]	0.5	Geometry	1	Anatomy & Physiology	1	Criminology [CRJ200]	0.5	Elem Spanish II [FLS142]	0.5		
Composition II [ENG106]	0.5	Pre-Calculus 1	1	Biology	1	Developmental Psychology [PSY121]	0.5	Intermediate Spanish I [FLS241]	0.5		
Creative Writing	0.5	Pre-Calc 2/Trig	1	Chemistry	1	Encounters in Humanities [HUM116]	0.5	Intermediate Spanish II [FLS242]	0.5		
Creative Writing [ENG221]	0.5	Statistics [MAT157]	0.5	Earth & Space Science	1	General Sociology	0.5	Spanish 1	1		
English 09	1			Env Sci [ENV115]	0.5	General Sociology 2	0.5	Spanish 2	1		
English 10	1			General Biology I [BIO112]	0.5	Holocaust & Genocide in Memory & Lit [HIS221]	0.5	Spanish 3	1		
English 11	1			Geology & Meteorology	0.5	Intro to Economics	0.5	Spanish 4	1		
English 12	1			Human Anat & Phys I [BIO168]	0.5	Intro to Ethics [PHI105]	0.5				
Forms of Lit: Film Adaptation [LIT209]	0.5			Human Anat & Phys II [BIO173]	0.5	Intro to Psychology	0.5				
Fund of Oral Comm [SPC101]	0.5			Human Biology [BIO154]	0.5	Intro to Psychology [PSY111]	0.5				
Lit & Culture: American Dreams [LIT222]	0.5			Human Evolution [BIO195]	0.5	Intro to Sociology [SOC110]	0.5				
Lit & Culture: Women & Work [LIT224]	0.5			Nutrition [BIO151]	0.5	Judaism, Christianity & Islam [REL120]	0.5				

SOLON HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)
Source: 2018-2019 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*
Media Literacy	0.5			Physics	1	Marriage & Family [SOC120]	0.5				
Mythology [LIT180]	0.5					Popular Culture [HUM142]	0.5				
Speech Communication	0.5					Revisit Iowa	0.5				
World Literature	0.5					U.S. History	1				
						U.S. History Since 1877 [HIS152]	0.5				
						U.S. History to 1877 [HIS151]	0.5				
						Understanding Cultures: Latin America [CLS151]	0.5				
						Understanding Cultures: Modern Japan [CLS165]	0.5				
						Working in America [HUM105]	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