



IOWA STATE
UNIVERSITY



THE UNIVERSITY
OF IOWA



2024 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)

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.

Regent Admission Index Score

SOLON HIGH SCHOOL, SOLON, CORE COURSES APPROVED FOR RAI

Source: 2023-2024 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 Chemistry | 1 | 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 | Anatomy & Physiology | 1 | Adv Psychology | 0.5 | American Sign Lang II [ASL171] | 0.5 | | |
| AP Lit & Comp | 1 | Calculus I [MAT210] | 0.5 | Basic Anat & Phys [BIO161] | 0.5 | American Government | 0.5 | Elem Spanish II [FLS142] | 0.5 | | |
| British Literature | 0.5 | Calculus II [MAT216] | 0.5 | Biology | 1 | Criminal Justice | 0.5 | Intermediate Spanish I [FLS241] | 0.5 | | |
| Composition I [ENG105] | 0.5 | Fundamentals of Algebra 2 | 1 | Botany | 0.5 | General Sociology | 0.5 | Spanish 1 | 1 | | |
| Composition II [ENG106] | 0.5 | Geometry | 1 | Chemistry | 1 | General Sociology 2 | 0.5 | Spanish 2 | 1 | | |
| Creative Writing | 0.5 | Pre-Calculus 1 | 1 | Earth & Space Science | 1 | Intro to Ethics [PHI105] | 0.5 | Spanish 3 | 1 | | |
| English 09 | 1 | Pre-Calc 2/Trig | 1 | Env Sci [ENV115] | 0.5 | Intro to Law [PRL103] | 0.5 | Spanish 4 | 1 | | |
| English 10 | 1 | Quantitative Reasoning for Business [MAT163] | 0.5 | Geology & Meteorology | 0.5 | Intro to Psychology | 0.5 | | | | |
| English 11 | 1 | Statistics [MAT157] | 0.5 | Human Anat & Phys I [BIO168] | 0.5 | Intro to Psychology [PSY111] | 0.5 | | | | |
| English 12 | 1 | | | Human Anat & Phys II [BIO173] | 0.5 | Intro to Sociology [SOC110] | 0.5 | | | | |
| Forms of Lit: Fiction [LIT206] | 0.5 | | | Human Biology [BIO154] | 0.5 | Principles of Macroecon [ECN120] | 0.5 | | | | |
| Fund of Oral Comm [SPC101] | 0.5 | | | Microbiology | 0.5 | Principles of Microecon [ECN130] | 0.5 | | | | |
| Media Literacy | 0.5 | | | Microbiology [BIO186] | 0.5 | Revisit Iowa | 0.5 | | | | |
| Speech Communication | 0.5 | | | Nutrition [BIO151] | 0.5 | U.S. History | 1 | | | | |

SOLON HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)

Source: 2023-2024 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* |
|----------------------|-------------------|----------------------|------------------------------------|------------------------------|-------------------------------|------|
| Strategic Reading | 0.5 | Physics | 1 U.S. History Since 1877 [HIS152] | 0.5 | | |
| | | The Outdoor World | 0.5 U.S. History to 1877 [HIS151] | 0.5 | | |
| | | Zoology | 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: 8/14/2024