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.

LONE TREE JUNIOR-SENIOR HIGH SCHOOL, LONE TREE, CORE COURSES APPROVED FOR RAI

Source: 2021-2022 SRI Winter data. (Note: course numbers in parenthéses refer to community college course numbers.)

| English | Yrs* | Math | | Science | | ers in parentneses rerer to community college Social Studies | | World Languages | Yrs* | Computer Science | Yrs* |
|---------------------------------------|------|--------------------------|------|---------------------------------|-----|---|------|-------------------------|------|----------------------------|------|
| American Literature | 0.5 | Algebra 1 | 1 | Biology | 1 | American Government | 0.5 | Elem Spanish I [FLS141] | 0.5 | AP Computer Sci Principles | 0.5 |
| AP English | 1 | Algebra 1B | 0.5 | Chemistry | 1 | American Ntnl Govt [POL111] | 0.5 | Spanish 1 | 1 | | |
| Composition I [ENG105] | 0.5 | Algebra 2 | 1 | Earth & Space Science | 0.5 | Current Events | 0.5 | Spanish 2 | 1 | | |
| Composition II [ENG106] | 0.5 | AP Calculus AB | 1 | Env Sci [ENV115] | 0.5 | Economics | 0.5 | Spanish 3 | 1 | | |
| Contemporary Literature | 0.5 | Geometry | 1 | Evolution of the Earth [PHS180] | 0.5 | Europe in the Age of Monarchy [HIS122] | 0.5 | Spanish 4 | 1 | | |
| English 09 | 1 | J-Term Probability | 0.02 | Human Anat & Phys I [BIO168] | 0.5 | Geography | 0.5 | | | | |
| English 10 | 1 | J-Term Statistics | 0.02 | Human Biology [BIO154] | 0.5 | Intro to Ethics [PHI105] | 0.5 | | | | |
| Forms of Lit: Nonfiction [LIT204] | 0.5 | Pre-Calculus | 1 | Human Evolution [BIO195] | 0.5 | Intro to Psychology [PSY111] | 0.5 | | | | |
| Fund of Oral Comm [SPC101] | 0.5 | Probability & Statistics | 0.5 | Physics | 1 | Intro to Sociology [SOC110] | 0.5 | | | | |
| Intro to College Writing | 0.5 | Statistics [MAT157] | 0.5 | Science 09 | 1 | J-Term Mock Trial | 0.02 | | | | |
| J-Term Change My Mind! | 0.02 | | | | | Particular Topics in U.S. Govt | 0.5 | | | | |
| J-Term FanFiction to Original Content | 0.02 | | | | | Popular Culture [HUM142] | 0.5 | | | | |
| J-Term It's All a Conspiracy | 0.02 | | | | | Principles of Microecon [ECN130] | 0.5 | | | | |
| Oral Communication | 0.5 | | | | | Social Problems [SOC115] | 0.5 | | | | |
| Technical Writing | 0.5 | | | | | Sociology | 0.5 | | | | |
| World Literature | 0.5 | | | | | U.S. History | 1 | | | | |
| | | | | | | U.S. History to 1877 [HIS151] | 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