



# 2020 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.

*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.

- (3 x ACT composite score)
- + (30 x high school GPA)
- + (5 x number of years of high school core courses)

Regent Admission Index Score

## SOLON HIGH SCHOOL, SOLON, CORE COURSES APPROVED FOR RAI

*Source: 2019-2020 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  | Elem Spanish 2 [FLS142]         | 0.5  |                         |      |
| AP Lit & Comp                  | 1    | Calculus I [MAT210] | 0.5  | Adv Chemistry             | 1    | American Government                  | 0.5  | French 2 (ILO)                  | 0.5  |                         |      |
| British Literature             | 0.5  | Geometry            | 1    | Anatomy & Physiology      | 1    | Ancient Mediterranean World [HIS121] | 0.5  | German 1 (ILO)                  | 0.5  |                         |      |
| Composition I [ENG105]         | 0.5  | Honors Calculus     | 1    | Biology                   | 1    | Comm & Culture [CLS192]              | 0.5  | German 2 (ILO)                  | 0.44 |                         |      |
| Composition II [ENG106]        | 0.5  | Pre-Calculus 1      | 1    | Chemistry                 | 1    | Criminal Justice                     | 0.5  | German 3 (ILO)                  | 0.5  |                         |      |
| Creative Writing               | 0.5  | Pre-Calc 2/Trig     | 1    | Earth, Space & Env Sci    | 1    | Developmental Psychology [PSY121]    | 0.5  | Intermediate Spanish 1 [FLS241] | 0.5  |                         |      |
| English 09                     | 1    | Statistics [MAT157] | 0.5  | Geology & Meteorology     | 0.5  | Encounters in Humanities [HUM116]    | 0.5  | KCC: American Sign I            | 0.5  |                         |      |
| English 10                     | 1    |                     |      | KCC: General Biology I    | 0.5  | General Sociology                    | 0.5  | KCC: American Sign II           | 0.5  |                         |      |
| English 11                     | 1    |                     |      | KCC: General Biology II   | 0.5  | General Sociology 2                  | 0.5  | KCC: American Sign III          | 0.5  |                         |      |
| English 12                     | 1    |                     |      | KCC: General Chemistry I  | 0.5  | Intro to Economics                   | 0.5  | KCC: American Sign IV           | 0.5  |                         |      |
| Forms of Lit: Fiction [LIT206] | 0.5  |                     |      | KCC: General Chemistry II | 0.5  | Intro to Ethics [PHI105]             | 0.5  | Latin 1 (ILO)                   | 0.5  |                         |      |
| Fund of Oral Comm [SPC101]     | 0.5  |                     |      | KCC: Genetics and Society | 0.5  | Intro to Human Services [HSV109]     | 0.5  | Spanish 1                       | 1    |                         |      |
| KCC: College Writing           | 0.5  |                     |      | KCC: Human Biology        | 0.5  | Intro to Psychology                  | 0.5  | Spanish 2                       | 1    |                         |      |
| KCC: Creative Writing          | 0.5  |                     |      | KCC: Microbiology         | 0.5  | Intro to Psychology [PSY111]         | 0.5  | Spanish 3                       | 1    |                         |      |
| Speech Communication           | 0.5  |                     |      | Physics 1: Energy         | 1    | Intro to Sociology [SOC110]          | 0.5  | Spanish 4                       | 1    |                         |      |
|                                |      |                     |      |                           |      | KCC: Prin. of Microecon              | 0.5  |                                 |      |                         |      |
|                                |      |                     |      |                           |      | KCC: Social Psychology               | 0.5  |                                 |      |                         |      |
|                                |      |                     |      |                           |      | Macroeconomics [ECN120]              | 0.5  |                                 |      |                         |      |
|                                |      |                     |      |                           |      | Popular Culture [HUM142]             | 0.5  |                                 |      |                         |      |
|                                |      |                     |      |                           |      | Revisit Iowa                         | 0.5  |                                 |      |                         |      |
|                                |      |                     |      |                           |      | U.S. Film History [HUM123]           | 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* |
|----------------------|------|-------------------|------|----------------------|------|--------------------------------|------|------------------------------|------|-------------------------------|------|
|                      |      |                   |      |                      |      | U.S. History                   | 1    |                              |      |                               |      |
|                      |      |                   |      |                      |      | U.S. History to 1877 [HIS 151] | 0.5  |                              |      |                               |      |
|                      |      |                   |      |                      |      | World History                  | 1    |                              |      |                               |      |
|                      |      |                   |      |                      |      |                                |      |                              |      |                               |      |
| <b>Total English</b> |      | <b>Total Math</b> |      | <b>Total Science</b> |      | <b>Total Social Studies</b>    |      | <b>Total World Languages</b> |      | <b>Total Computer Science</b> |      |

*\*The numbers in this column should be multiplied by 5 to determine the number of RAI points awarded for the course.*

Updated: 2/1/2021