



# 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

## NORTH-LINN SENIOR HIGH SCHOOL, TROY MILLS, 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* |
|--------------------------------|------|--------------------------|------|-----------------------|------|------------------------------------------------|------|-----------------|------|------------------|------|
| Adv Composition                | 0.5  | Algebra 1                | 1    | Anatomy & Physiology  | 1    | American History                               | 1    | Spanish 1       | 1    |                  |      |
| American Literature            | 0.5  | Algebra 2                | 1    | AP Biology            | 1    | Ancient Mediterranean World [HIS121]           | 0.5  | Spanish 2       | 1    |                  |      |
| Communication in Society       | 0.5  | AP Calculus AB           | 1    | Biology               | 1    | Contemporary Issues                            | 0.5  | Spanish 3       | 1    |                  |      |
| Composition I [ENG105]         | 0.5  | Geometry                 | 1    | Chemistry             | 1    | Contemporary Issues 2                          | 0.5  | Spanish 4       | 1    |                  |      |
| Composition II [ENG106]        | 0.5  | Pre-Calculus             | 1    | Environmental Science | 1    | Developmental Psychology [PSY121]              | 0.5  |                 |      |                  |      |
| Creative Writing               | 0.5  | Statistics & Probability | 0.5  | Env Sci [ENV115]      | 0.5  | Economics                                      | 0.5  |                 |      |                  |      |
| English 09                     | 1    |                          |      | Physical Science      | 1    | Europe in the Age of Monarchy [HIS122]         | 0.5  |                 |      |                  |      |
| English 10                     | 1    |                          |      | Physics               | 1    | Geography                                      | 0.5  |                 |      |                  |      |
| English Literature             | 0.5  |                          |      |                       |      | Government                                     | 0.5  |                 |      |                  |      |
| Expository Writing             | 1    |                          |      |                       |      | Intro to Psychology [PSY111]                   | 0.5  |                 |      |                  |      |
| Forms of Lit: Fiction [LIT206] | 0.5  |                          |      |                       |      | Intro to Sociology [SOC110]                    | 0.5  |                 |      |                  |      |
| Fund of Oral Comm [SPC101]     | 0.5  |                          |      |                       |      | Marriage & Family [SOC120]                     | 0.5  |                 |      |                  |      |
| Public Speaking                | 0.5  |                          |      |                       |      | Psychology                                     | 0.5  |                 |      |                  |      |
| Reading Enhancement            | 1    |                          |      |                       |      | Social Problems [SOC115]                       | 0.5  |                 |      |                  |      |
| Responding to Modern Topics    | 0.5  |                          |      |                       |      | Sociology                                      | 0.5  |                 |      |                  |      |
| World Perspectives             | 0.5  |                          |      |                       |      | Survey of World Religions [REL101]             | 0.5  |                 |      |                  |      |
|                                |      |                          |      |                       |      | U.S. History Since 1877 [HIS152]               | 0.5  |                 |      |                  |      |
|                                |      |                          |      |                       |      | U.S. History to 1877 [HIS151]                  | 0.5  |                 |      |                  |      |
|                                |      |                          |      |                       |      | Understanding Cultures: Latin America [CLS151] | 0.5  |                 |      |                  |      |
|                                |      |                          |      |                       |      | Working in America [HUM105]                    | 0.5  |                 |      |                  |      |
|                                |      |                          |      |                       |      | World History                                  | 0.5  |                 |      |                  |      |

| NORTH-LINN SENIOR 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* |
|                                                                                                                     |      |            |      |               |      |                      |      |                       |      |                        |      |
| 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: 8/18/2020                                                                                                  |      |            |      |               |      |                      |      |                       |      |                        |      |