



# 2023 RAI Core Course List



IOWA STATE UNIVERSITY

University of Northern Iowa

THE UNIVERSITY OF IOWA

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

## MAQUOKETA COMMUNITY HIGH SCHOOL, MAQUOKETA, CORE COURSES APPROVED FOR RAI

*Source: 2022-2023 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* |
|----------------------------|------|--------------------------------|------|-------------------------------------|------|--|------|-----------------|------|------------------|------|
| Communications             | 0.5  | Adv Algebra 2                  | 0.5  | Astronomy [PHS152]                  | 0.5  | American Ntnl Govt [POL111]            | 0.5  | Spanish 1       | 1    |                  |      |
| Composition I [ENG105]     | 0.5  | Algebra 1                      | 1    | Chemistry                           | 1    | Contemp World Issues [GLS100]          | 0.5  | Spanish 2       | 1    |                  |      |
| Composition II [ENG106]    | 0.5  | Algebra 2                      | 1    | Classical Physics I [PHY212]        | 0.5  | Criminology [CRJ200]                   | 0.5  | Spanish 3       | 1    |                  |      |
| Contemporary Literature    | 0.5  | Calculus I [MAT210]            | 0.5  | Classical Physics II [PHY222]       | 0.5  | Current Events                         | 0.5  | Spanish 4       | 1    |                  |      |
| Creative Writing           | 0.5  | Calculus II [MAT216]           | 0.5  | Earth Science                       | 1    | Developmental Psychology [PSY121]      | 0.5  |                 |      |                  |      |
| English 09                 | 1    | Calculus III [MAT219]          | 0.5  | Env Sci [ENV111]                    | 0.5  | Economics                              | 0.5  |                 |      |                  |      |
| English 10                 | 1    | College Algebra [MAT121]       | 0.5  | Essentials of Anat & Phys [BIO163]  | 0.5  | Educational Psychology [PSY281]        | 0.5  |                 |      |                  |      |
| English 11                 | 1    | Diff Eqtns w/ Laplace [MAT227] | 0.5  | Exploring Physical Sci [PHS120]     | 0.5  | Global Cultures                        | 1    |                 |      |                  |      |
| Intro to Lit [LIT101]      | 0.5  | Geometry                       | 1    | General Biology IA [BIO114]         | 0.5  | Government                             | 0.5  |                 |      |                  |      |
| Language Arts Essentials   | 1    | Pre-Calculus [MAT128]          | 0.5  | Human Anat & Phys I [BIO168]        | 0.5  | Humanities of the Early World [HUM135] | 0.5  |                 |      |                  |      |
| Mythology [LIT180]         | 0.5  | Statistics [MAT156]            | 0.5  | Human Anat & Phys II [BIO173]       | 0.5  | Intro to Ethics [PHI105]               | 0.5  |                 |      |                  |      |
| Public Speaking [SPC112]   | 0.5  |                                |      | Intro to General Chemistry [CHM122] | 0.5  | Intro to Philosophy [PHI101]           | 0.5  |                 |      |                  |      |
| Publications               | 1    |                                |      | Physical Science                    | 1    | Intro to Psychology [PSY111]           | 0.5  |                 |      |                  |      |
| Research/Technical Writing | 0.5  |                                |      | Physics                             | 1    | Intro to Sociology [SOC110]            | 0.5  |                 |      |                  |      |
|                            |      |                                |      | Science Essentials                  | 0.5  | Modern World History                   | 0.5  |                 |      |                  |      |
|                            |      |                                |      |                                     |      | Principles of Macroecon [ECN120]       | 0.5  |                 |      |                  |      |
|                            |      |                                |      |                                     |      | Principles of Microecon [ECN130]       | 0.5  |                 |      |                  |      |
|                            |      |                                |      |                                     |      | Psychology                             | 0.5  |                 |      |                  |      |
|                            |      |                                |      |                                     |      | Social Problems [SOC115]               | 0.5  |                 |      |                  |      |
|                            |      |                                |      |                                     |      | Social Psychology [SOC251]             | 0.5  |                 |      |                  |      |
|                            |      |                                |      |                                     |      | Social Studies Essentials              | 0.5  |                 |      |                  |      |
|                            |      |                                |      |                                     |      | Sociology                              | 0.5  |                 |      |                  |      |

**MAQUOKETA COMMUNITY HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)**

Source: 2022-2023 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* |
|----------------------|-------------------|----------------------|--|------------------------------|-------------------------------|------|
|                      |                   |                      | Survey of World Religions [REL101]       | 0.5                          |                               |      |
|                      |                   |                      | U.S. History                             | 1                            |                               |      |
|                      |                   |                      | Wstrn Civ I: Ancient & Medieval [HIS117] | 0.5                          |                               |      |
|                      |                   |                      | Wstrn Civ II: Early Modern [HIS118]      | 0.5                          |                               |      |
| <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.