



# 2020 RAI Core Course List



IOWA STATE  
UNIVERSITY



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.

*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

## THOMAS JEFFERSON HIGH SCHOOL-CEDAR RAPIDS, CEDAR RAPIDS, 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* |
|---|------|--------------------------|------|---------------------------------------|------|--|------|----------------------------------|------|------------------|------|
| 21st Century Media:Stu News               | 1    | Adv Algebra 2            | 1    | Anatomy & Physiology                  | 1    | African American History                       | 0.5  | AP French                        | 1    |                  |      |
| Adv Language Art 10                       | 0.5  | Adv Geometry             | 1    | Anat & Phys I [BIO 168]               | 0.5  | American Government                            | 0.5  | AP German                        | 1    |                  |      |
| Adv Language Arts                         | 0.5  | Adv Pre-Calculus         | 1    | Anat & Phys II [BIO 173]              | 0.5  | AP Human Geography                             | 1    | AP Japanese                      | 1    |                  |      |
| Adv Language Arts 09                      | 1    | Algebra 1                | 1    | AP Biology                            | 1    | AP World History                               | 1    | French 1                         | 1    |                  |      |
| Adv Language Arts 10                      | 1    | Algebra 1B               | 0.5  | AP Chemistry                          | 1    | Economics                                      | 0.5  | French 1 for Heritage Students   | 1    |                  |      |
| African American Lit & Cultures           | 0.5  | Algebra 2                | 1    | AP Environmental Science              | 1    | Holocaust & Genocide in Memory & Lit [HIS 221] | 0.5  | French 2                         | 1    |                  |      |
| AP English Lang & Comp                    | 1    | AP Calculus AB           | 1    | AP Physics                            | 1    | Human Geography                                | 0.5  | French 3                         | 1    |                  |      |
| AP English Lit & Comp                     | 1    | AP Statistics            | 1    | AP Physics C: Electricity & Magnetism | 0.5  | Intro to Psychology [PSY 111]                  | 0.5  | French 4                         | 1    |                  |      |
| Art Craft of Writing African American Exp | 0.5  | Calculus I [MAT 210]     | 0.5  | AP Physics C: Mechanics               | 0.5  | Personal Law                                   | 0.5  | German 1                         | 1    |                  |      |
| Composition I [ENG 105]                   | 0.5  | Calculus II [MAT 216]    | 0.5  | Biology                               | 1    | Psychology                                     | 0.5  | German 2                         | 1    |                  |      |
| Composition II [ENG 106]                  | 0.5  | Geometry                 | 1    | Chemistry                             | 1    | Social Psychology                              | 0.5  | German 3                         | 1    |                  |      |
| Creative Writing                          | 0.5  | Pre-Calculus             | 1    | Earth Science                         | 1    | Sociology                                      | 0.5  | German 4                         | 1    |                  |      |
| Fund of Oral Comm [SPC 101]               | 0.5  | Probability & Statistics | 1    | Physical Sci: Concepts in Chemistry   | 0.5  | U.S. History                                   | 1    | Intermediate Spanish 1 [FLS 241] | 0.5  |                  |      |
| Language Arts 09                          | 1    |                          |      | Physical Sci: Concepts in Physics     | 0.5  | U.S. History Since 1877 [HIS 152]              | 0.5  | Intermediate Spanish 2 [FLS 242] | 0.5  |                  |      |
| Language Arts 10                          | 1    |                          |      | Physical Science (Online)             | 0.5  | U.S. History to 1877 [HIS 151]                 | 0.5  | Japanese 1                       | 1    |                  |      |

THOMAS JEFFERSON HIGH SCHOOL-CEDAR RAPIDS 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* |
|----------------------------|------|------------|------|--------------------------------------|------|-----------------------------------|------|---------------------------------|------|------------------------|------|
| Perspectives in Lit & Comp | 1    |            |      | Physics                              | 1    | Using Tech to Solve Social Issues | 0.5  | Japanese 2                      | 1    |                        |      |
| Speech & Debate            | 0.5  |            |      | PLTW - Principles of Engrg [EG T410] | 0.5  | World History                     | 1    | Japanese 3                      | 1    |                        |      |
| U.S. Humanities & Comp     | 1    |            |      |                                      |      |                                   |      | Japanese 4                      | 1    |                        |      |
| U.S. Humanities (Online)   | 1    |            |      |                                      |      |                                   |      | Spanish 1                       | 1    |                        |      |
| World Humanities (Online)  | 1    |            |      |                                      |      |                                   |      | Spanish 1 for Heritage Students | 1    |                        |      |
|                            |      |            |      |                                      |      |                                   |      | Spanish 2                       | 1    |                        |      |
|                            |      |            |      |                                      |      |                                   |      | Spanish 2 for Heritage Students | 1    |                        |      |
|                            |      |            |      |                                      |      |                                   |      | Spanish 3                       | 1    |                        |      |
|                            |      |            |      |                                      |      |                                   |      | Spanish 4                       | 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: 8/18/2020