



2018 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. Because your school does not issue class rank, your RAI formula is:

- (3 x ACT composite score)
- + (30 x high school GPA)
- + (5 x number 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.

BURLINGTON COMMUNITY HIGH SCHOOL, BURLINGTON, CORE COURSES APPROVED FOR RAI

Source: 2017-2018 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)

| English | CU* | Math | CU* | Science | CU* | Social Studies | CU* | World Languages | CU* |
|-----------------------------|------|-------------------------------|------|-------------------------------------|------|-------------------------------------|------|------------------|-----|
| AP Literature | 1.5 | Advanced Math | 0.5 | (PLTW) Principles of Engrg | 1 | American Culture: Film | 0.5 | French 2 | 1 |
| Beginning Debate | 0.5 | Algebra 1 | 1 | Advanced Chemistry | 1.5 | American Culture: Music | 0.5 | French 3 | 1 |
| BILAEnglish 09 | 1 | Algebra 2 | 1 | Advanced Science 8 | 1 | American Justice: Creating Cha | 0.5 | French 4 | 0.5 |
| BILAEnglish 10 | 1 | Algebra 2 Honors | 1 | Anatomy & Physiology 1 | 0.5 | American Justice: Crime | 0.5 | Spanish 1 | 1 |
| BILAEnglish 11 | 1 | AP Calculus AB | 1.5 | Anatomy & Physiology 2 | 0.5 | American Justice: Punishment | 0.5 | Spanish 1 Honors | 1 |
| BILAEnglish 12 | 0.5 | BILAAlgebra 1 | 1 | Anatomy & Physiology 3 | 0.5 | American Studies | 1 | Spanish 2 | 1 |
| BILASpeech Concepts | 0.5 | Calculus Honors | 1 | AP Biology | 1.5 | AP European History | 1.5 | Spanish 2 Honors | 1 |
| Composition 1 [ENG105] | 0.33 | Discrete Math | 0.5 | Astronomy | 0.5 | AP Psychology | 1.5 | Spanish 3 | 1 |
| Composition 2 [ENG106] | 0.33 | Geometry | 1 | Biology | 1 | AP U.S. History | 1.5 | Spanish 3 Honors | 1 |
| Creative Writing | 0.5 | Geometry Honors | 1 | Biology Honors | 1.5 | BILA American Studies | 1 | Spanish 4 | 1 |
| English 1 | 1 | Practical Statistics | 0.5 | College Physics 1 [PHY162] | 0.5 | BILAUnderstanding Social Systems | 0.5 | | |
| English 1 Honors | 1 | Pre-Calculus | 1 | Earth Science | 1 | BILAWorld Geography | 0.5 | | |
| English 2 | 1 | Pre-Calc Mathematics [MAT128] | 0.5 | General Chemistry | 1 | BILAWorld History | 0.5 | | |
| English 2 Honors | 1 | Statistics | 0.5 | General Physics | 1 | BILAWorld Studies | 0.5 | | |
| English 3 | 1 | Statistics [MAT156] | 0.33 | Human Anat & Phys 1 w/Labs [BIO168] | 0.56 | Geography | 0.5 | | |
| English 3 Honors | 1 | | | Microbiology & Lab [BIO186] | 0.56 | Government | 0.5 | | |
| English 4 | 0.5 | | | Organic Chemistry Honors | 0.5 | Humanities | 0.5 | | |
| English 4: British Lit | 0.5 | | | Physical Science | 1 | Intro to Philosophy [PHI101] | 0.33 | | |
| English 4: British Lit Hnrs | 0.5 | | | Physics Study Honors | 1.5 | Intro to Psychology [PSY111] | 0.33 | | |
| English 4: Contemp Lit | 0.5 | | | Zoology Honors | 0.5 | Intro to Sociology [SOC110] | 0.36 | | |
| Independent Reading | 0.5 | | | | | Multicultural Perspectives [HUM114] | 0.33 | | |
| Journalism 1 | 0.5 | | | | | National History Day | 0.5 | | |

BURLINGTON COMMUNITY HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)
 Source: 2017-2018 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)

| English | CU* | Math | CU* | Science | CU* | Social Studies | CU* | World Languages | CU* |
|--------------------------------|------|-------------------|-----|----------------------|-----|------------------------------------|------|------------------------------|-----|
| Myth, Folktales, Heroes in Lit | 0.5 | | | | | Principles of Microecon [ECN130] | 0.33 | | |
| Pathfinder | 0.5 | | | | | Psychology | 0.5 | | |
| Poetry Exploration | 0.5 | | | | | Survey of World Religions [REL101] | 0.33 | | |
| Public Speaking [SPC112] | 0.33 | | | | | U.S. Ethnic Studies | 0.5 | | |
| Speech | 0.5 | | | | | Understanding Social Systems | 0.5 | | |
| Speech & Debate 1 Honors | 0.5 | | | | | World Civ 1 [HIS131] | 0.33 | | |
| | | | | | | World Studies | 1 | | |
| | | | | | | | | | |
| Total English | | Total Math | | Total Science | | Total Social Studies | | Total World Languages | |

*The numbers in this column represent the Carnegie units awarded for each course. This number should be multiplied by 5 to determine the number of RAI points awarded for the course.

Updated: 8/14/2018