



# 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.

## VALLEY HIGH SCHOOL-WDSM, WEST DES MOINES, 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*
Advanced Composition	0.5	Algebra 1	1	AP Biology 1 [BIO112]	1	AP European History 1 [HIS112]	1	AP Chinese Lang & Cultures	1
Adv Contemp Lit	0.5	Algebra 2	1	AP Biology 2 [BIO113]	1	AP European History 2 [HIS113]	1	AP French	1
Advanced World Literature	0.5	Algebra 2 Trigonometry	1	AP EnvSci [ENV116]	0.5	AP Macroeconomics	0.5	AP Latin	1
American Heritage	2	AP Calculus AB	0.5	AP Physics B	1	AP Psychology 1	0.5	AP Spanish Lang [FLS241]	0.5
AP Lang & Comp 1 [ENG105]	0.5	AP Calculus AB [MAT211]	0.5	Astronomy	0.5	AP Psychology 2	0.5	AP Spanish Lang [FLS242]	0.5
AP Lang & Comp 2 [ENG106]	0.5	AP Calculus BC	0.5	Biology	1	AP U.S. Govt & Politics [POL111]	0.5	French 1	1
AP Lit & Comp 1 [LIT101]	0.5	AP Calculus BC [MAT217]	0.5	Chemistry	1	AP U.S. History 1 [HIS150]	1	French 2	1
AP Lit & Comp 2 [LIT185]	0.5	AP Statistics	0.5	General Chemistry 1 [CHM165]	0.5	AP U.S. History 2 [HIS153]	0.5	French 3	1
Creative Writing	0.5	AP Statistics [MAT157]	0.5	General Chemistry 2 [CHM175]	0.5	AP World History 1 [GLS200]	0.5	French 4	1
Creative Writing [ENG221]	0.5	Geometry	1	General Science	1	AP World History 2 [GLS220]	0.5	German 1	1
Creative Writing [ENG221]	1	Integrated Algebra 2	1	Geology	0.5	Current Issues	0.5	German 2	1
Debate 1/Public Speaking	1	Integrated Geometry	0.5	Human Anat & Phys	1	Economics	0.5	German 3	1
Debate 2	1	Pre-Calculus 1	0.5	Mankind & Environment	0.5	ELL Economics	0.5	Intermediate German 1 [FLG241]	0.5
Debate 3	1	Pre-Calculus [MAT129]	0.5	Marine Biology	1	ELL Government	0.5	Intermediate German 2 [FLG242]	0.5
Debate 4	1	Statistics	0.5	Marine Biology Lab 1	1	ELL U.S. History	2	Japanese 3	1
Dramatic Literature	0.5	Trigonometry	0.5	Organic Chemistry	0.5	Geographic Cultural Studies	1	Japanese 4	1
Early American Literature	0.5			Physics	1	Global Understanding	1	Latin 1	1
Early British Literature	0.5			Plant Science	0.5	Government	0.5	Latin 2	1
ELL Reading	0.5			Principles of Engrg [EGT410]	0.5	Intro to Sociology [SOC110]	0.5	Latin 3	1
Fund of Oral Comm [SPC101]	0.5					Psychology	0.5	Latin 4	1
Fundamentals of Writing	0.5					Sociology	0.5	Mandarin Chinese 1	1
Fund of Writing Lab	0.5					U.S. History	1	Mandarin Chinese 2	1

## VALLEY HIGH SCHOOL-WDSM 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*
Intermediate Writing	0.5					Western Civilization	1	Mandarin Chinese 3	1
Journalism 1	0.5							Mandarin Chinese 4	1
Language & Literature	1							Spanish 1	1
Lit & Comp	1							Spanish 1	1.5
Lit Survey (Ind Study)	0.5							Spanish 2	1
Modern American Lit	0.5							Spanish 3	1
Modern British Literature	0.5							Spanish 3 Heritage Speakers	0.5
Shakespeare	0.5							Spanish 4	1
Speech Communications	0.5								
Speech/Composition	1								
<b>Total English</b>		<b>Total Math</b>		<b>Total Science</b>		<b>Total Social Studies</b>		<b>Total World Languages</b>	

*\*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