

MINIMUM COURSE REQUIREMENT FOR ADMISSION

SUBJECT	IOWA STATE	UNIVERSITY OF IOWA	UNIVERSITY OF NORTHERN IOWA	OPTIMUM PREPERATION
ENGLISH	4 YEARS emphasizing writing, speaking, reading as well as an understanding and appreciation of literature.	4 YEARS with emphasis on the analysis and interpretation of literature, composition and speech.	4 YEARS including one year of composition, also may include on year of speech, communication or journalism.	4 YEARS with empahsis in communications skills of writing, reading and lsitening and analysis of literature. Journalism and media literacy are valuable. EXTRA CURRICULAR activities in debate, speech contest, newspaper and yearbook are beneficial.
MATH	3 YEARS including one year each of Algebra, Geometry and Advanced Algebra	3 YEARS including 2 years of Algebra and one year of Geometry for admission to the <u>College of Liberal Art & Sciences.</u> 4 YEARS including 2 years of Algebra, 1 year of Geometry and 1 year of Trigonometry, Analysis or Calculus for admission to the <u>College of Engineering.</u>	3 YEARS including the equivalent of Algebra, Geometry and Advance Algebra.	4 YEARS , a class each year in high school. Advanced course like Calculus and Statistics are good,it's more important to gain a complete understanding of Algebra, Geometry and Trigonometry.
NATURAL SCIENCES	3 YEARS including one year each from 2 of the following 3: Biology, Chemistry or Physics.	3 YEARS including one year each from any 2 of the following: Biology, Chemistry or Physics for admissions to the <u>College of Liberal Arts and Sciences.</u> 3 YEARS with at least one year each in Chemistry and Physics for admission to the <u>College of Engineering.</u>	3 YEARS including courses in General Science, Biology, Chemistry, Earth Science or Physics. Lab experience is highly recommended.	4 YEARS , a class each year in high school. To be really prepared be sure to take Biology, Chemistry and Physics.
SOCIAL STUDIES	2 YEARS for admission to the Colleges of Agriculture and Life Sciences. 3 YEARS for admissions to College of Liberal Arts and Sciences	3 YEARS with US History and World History for <u>College of Liberal Arts and Sciences</u> is recommended. 2 YEARS with US History and World History recommended for admission to the <u>College of Engineering.</u>	3 YEARS including course in Anthropology, Economics, Geography, Government, History, Psychology or Sociology.	3 YEARS is essential, but for us better. Be sure to have American and World History. Geography, Government, Economics, Psychology, Sociology are also important and will be beneficial.
FOREIGN LANGUAGE	2 CONCURRENT YEARS of a single foreign language for admission for all areas.	2 CONCURRENT YEARS of a single foreign language for admission for all areas. For many degrees, the fourth year of proficieny is required for graduation.	NOT REQUIRED FOR ADMISSION BUT , 2 years of foreign language in high school with C- or above will meet university graduation requirements.	4 YEARS of a single foreign language are strongly encouraged and can meet most college graduation requirements.
OTHER COURSES	There are no specificelective requirements are required for admissions.	There are no specificelective requirements are required for admissions.	2 YEARS of additional courses from the required subject areas, foreign language or the fine arts.	Courses in fine arts, computer and teechnology are rarely required for admissions but are usually required in college so gaining experience in these areas will be very beneficial.