# **Actuarial Science**



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				Precalculus (H)
Actuarial Science	Algebra Geometry (H)	Geometry Algebra II (H)	Algebra II Precalculus (H)	AP Calculus BC
	AP Statistics / College Statistics (DC)			
	1 1 +	High School District	High School District 214 Graduation Requirements	
English	English   English   English Course Descriptions Section - Page 223			4.0 credit units
Mathematics	Mathematics   Mathematics   Mathematics (Recommended) Including one unit of Algebra I and one unit of Geometry. Course Descriptions Section - Page 251			3.0 credit units
Social Science	Social Science   Social Science   Social Science (Recommended)  Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.  Course Descriptions Section - Page 269			2.0 credit units
Science	Science   Science   Science (Recommended) Course Descriptions Section - Page 261			2.0 credit units
Career & Technical Education	Career and Technical Education Course Descriptions Section - Page 275			1.0 credit unit
Fine Arts	Fine Arts Course Descriptions Section - Page 239			0.5 credit unit
Consumer Education	Consumer Education Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 288, Economics (07830) - Page 273, Consumer Education (59940) - Page 274.			0.25 credit unit
Physical Education	Physical Education   Health   Physical Education   Physical Education  A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*  Course Descriptions Section - Page 309  Refer to page 327 in Academic Policies and Procedures section regarding substitutions for physical education.			*

#### **Post Secondary**

#### Career Related Electives

AP Biology

AP Chemistry

Computer Programming,

Mobile App and Networking

AP Computer Science Principles

AP Computer Science-A

**AP Economics** 

AP Environmental Science

AP Physics C

PLTW Introduction to Engineering Design

PLTW Principles of Engineering

Introduction to Business

## Career Related Activities for the Actuarial Science pathway

**Athletics** 

Computer Clubs

**District Career Days** 

**District Career Nights** 

**District Career Treks** 

Math Team

Science Olympiad, Wildstang FIRST Robotics

## Four-Year University Admission Requirements

English (4 years)

Mathematics (4 years)

Social Science (3-4 years)

Science (2-3 years)

World Language (2-3 years)

Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

#### Dual Credit and AP Access



District 214 is committed to offering students a variety of opportunities to earn early college credits while they are in high school. Through the District's early college credit efforts, students can choose from more than 100 early college credit courses, positioning them for success.

Early college credits allow students to simultaneously earn high school and college credit. Students can take early college credit courses on District 214 campuses, although occasionally they may need to attend these classes at an area community college.

Today's economic realities make attaining postsecondary credentials while in high school more important than ever. District 214 is dedicated to preparing students for college and careers while minimizing student debt, with 85 percent of the class of 2019 earning early college credit.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

\*This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 III.Adm. Code Section 1.425).

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