

# University of California a-g Approved Course Listing

Course list for 2016-17

Updated as of February 10, 2017

## History/Social Science (“a”) 2 years required

*Two units (equivalent to two years) of history/social science required, including: one year of world history, cultures and historical geography and one year of U.S. history; or one half year of U.S. history and one half year of civics or American government.*

Title	Transcript	Discipline Abbreviation(s)	Honors Type	Course Notes
There are currently no courses in this subject area.				

## English (“b”) 4 years required

*Four units (equivalent to four years) of college preparatory English composition and literature required, integrating extensive reading, frequent writing, and practice listening and speaking with different audiences. Students may only use 1 year of ESL/ELD English.*

Title	Transcript	Discipline Abbreviation(s)	Honors Type	Course Notes
Applied Medical English (UCCI) (ROP)	Applied Medical English Applied Medical English (UCCI)	English		
Integrated Marketing and English (UCCI) (ROP)	Integrated Marketing and English Integrated Marketing and English (UCCI)			

## Mathematics (“c”) 3 years required, 4 years recommended

*Three units (equivalent to three years) of college preparatory mathematics (four units are strongly recommended), including or integrating topics covered in elementary algebra, advanced algebra, and two- and three-dimensional geometry.*

Title	Transcript	Discipline Abbreviation(s)	Honors Type	Course Notes
Da Vinci Algebra I - Math (UCCI) (ROP)	Da Vinci Algebra I - Math - CTE-ROP Da Vinci Algebra I CTE-ROP	Algebra I		Must complete with Da Vinci Algebra I-VPA (UCCI) to receive “a-g” credit

## Laboratory Science (“d”) 2 years required, 3 years recommended

Two units (equivalent to two years) of laboratory science are required (three units are strongly recommended), providing fundamental knowledge in two of the following: biology, chemistry, or physics. Interdisciplinary science courses can also fulfill all or part of this requirement.

Title	Transcript	Discipline Abbreviation(s)	Honors Type	Course Notes
Green Up and Go! Clean Energy-neering (UCCI)		Physics		
RCOE Anatomy & Physiology for the Health Profession (ROP)	CTE Anatomy & Physiology	Biology I Life Sciences		
RCOE Anatomy and Physiology of Sports Medicine (ROP)	ROP Anat & Phys for Sports Med ROP Anat & Phys for Sports Med	Biology I Life Sciences		
RCOE Physics Using Robotic Engineering Technology (ROP)	Physics of Robotics	Physics		

### Language Other than English (“e”) 2 years required, 3 years recommended

Two units (equivalent to two years, or through the second level of high school instruction) of the same language other than English (three units recommended).

Title	Transcript	Discipline Abbreviation(s)	Honors Type	Course Notes
American Sign Language I (ROP)	ASL I	ASL I		
American Sign Language II (ROP)	American Sign Language II ROP	LOTE Level II		
Native Speaker Spanish III for Health Careers (UCCI)	Native Speaker Spanish III for Health Careers	LOTE Level III		

### Visual & Performing Arts (“f”) 1 year required

One unit (equivalent to one year) required, chosen from one of the following categories: dance, music, theater, or visual arts (e.g., painting, web/graphic design, film/video, inter/multimedia arts).

Title	Transcript	Discipline Abbreviation(s)	Honors Type	Course Notes
Da Vinci Algebra I - VPA (UCCI) (ROP)	Da Vinci Algebra I - VPA ROP VPA Da Vinci Algebra	Visual Arts		Must complete with Da Vinci Algebra I - Math (UCCI) to receive "a-g" credit
Music Technology (ROP)	Music Technology/ Music Tech	Music		
RCOE Art of Fashion (ROP)	Art of Fashion	Visual Arts		
RCOE Audio Technology (ROP)	Music			
RCOE Creative Digital Media (ROP)	Creative Digital Media	Visual Arts		
RCOE Digital Film Production I (ROP)	TV/Video Production I TV/Video ROP	Visual Arts		
RCOE Digital Imaging	Digital Imaging ROP	Visual Arts		
RCOE Digital Media Web Design (ROP)	RCOE Digital Web Design	Visual Arts		
RCOE Digital Photography I (ROP)	Digital Photo I Digital Photography I ROP	Visual Arts		
RCOE Digital Photography II (ROP)	Digital Photography II ROP	Visual Arts		

**College-Preparatory Elective ("g") 1 year required**

**College-Preparatory Elective (“g”) 1 year required**

One unit (equivalent to one year) chosen from the “a-f” courses beyond those used to satisfy the requirements of the “a-f” subjects, or courses that have been approved solely in the elective area.

Title	Transcript	Discipline Abbreviation(s)	Honors Type	Course Notes
Body Systems and Disorders (ROP)		Interdisciplinary		
Intro Hybrid-Electric 1A and 1B		Interdisciplinary		
MultiCraft Core Curriculum: Building Scaled Structures		Interdisciplinary		
RCOE Advanced Concepts for the Medical Profession		Interdisciplinary		
RCOE Cyber Security		Mathematics-Computer Science		
RCOE Developmental Psychology of Children (ROP)		Interdisciplinary		
RCOE Digital Film Production II (ROP)		Visual & Performing Arts		
RCOE Digital Film Production III (ROP)		Visual & Performing Arts		
RCOE Entrepreneurial TNT (Traits & Trends)		Interdisciplinary		
RCOE Exploring the U.S. Criminal Justice System (ROP)	RCOE U.S. Criminal Justice System	History/Social Science		

One unit (equivalent to one year) chosen from the “a-f” courses beyond those used to satisfy the requirements of the “a-f” subjects, or courses that have been approved solely in the elective area.

Title	Transcript	Discipline Abbreviation(s)	Honors Type	Course Notes
RCOE Integrated Marketing Communications (ROP)	RCOE Integrated Mktg Communications	English		
RCOE International Cuisine (ROP)	Internat Cuisine CTE	Interdisciplinary		
RCOE Principles and Practices of Teaching Young Children (ROP)		Interdisciplinary		
RCOE Professional Business Communications (ROP)	RCOE Professional Business Communications	English		
RCOE Sports Medicine Advanced (ROP)	Sports Medicine	Laboratory Science - Biology/Life Sciences		
RCOE Virtual Enterprise (ROP)	Virtual Enterprise	History/Social Science		