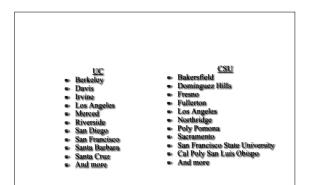


in California



In order to attend a Cal State or UC Institution there are prerequisites that need to be accomplished throughout high school. These are called the A-G Subject Requirements.

There are 4 different methods to attain this goal: ✓ High School Courses

- ✓ SAT Subject Examination
- ✓ Advance Placement (AP) or International Baccalaureate (IB) Examination
- ✓ College Courses

### "a" History/Social Sciences

High School

- 2 years required
- 2 years of history/social science including:
  - 1 year of world history cultures and geography and
     1 year of U.S. history or 1/2 year of U.S. history and
  - 1 year of U.S. history or 1/2 year of U.S. history and 1/2 year of civics or American government

#### SAT Examination

- U.S. History Score 550 satisfies 1 year
- World History Score 540 satisfies 1 year

### "a" History/Social Sciences

AP or IB

- AP Exam in order to receive full credit you need to score 3, 4, or 5
   U.S. History The AP U.S. History Exam
  - U.S. government satisfies a 1/2 year
  - World history/cultures/geography The AP Exam in European History, World History or Human Geography
- IB Exam in order to receive full credit you need to score 5, 6, or 7
  - · IB History of the Americas HL Exam
  - · IB History HL or Geography HL Exam

## "a" History/Social Sciences

College Courses

- Ourses In both U.S. History/civics/American government AND World history/culture/geography - Grade of C or better in a transferable course of 3 or more semester (4 or more quarter) units in U.S. history, civics or American government AND in world history, cultures and geography.

### "b" English

- · High School
  - 4 years of college-preparatory English that include literature (modern and classical), reading, brainstorming and frequent writing - No more than 1 year of ESL courses
- SAT Examination
  - Writing or Literature Score of 560 satisfies first 3 years - Writing - Score of 680 satisfies entire four-year requirement

#### AP or IB

- AP Exam in order to receive full credit you need to score 3, 4, or 5 · AP English Language and Composition Exam
  - English Literature and Composition Exam
- IB Exam in order to receive full credit you need to score 5, 6, or 7 Language A1 English HL Exam

### "b"English

#### College Courses

- Grade of C or better in English composition, literature (American or English) or foreign literature in translation satisfy first 3 years -
- Grade of C or better in a transferable course of 3 or more semester (4 or more quarter) units in all the above courses satisfies the 4th year

#### "c" Mathematics

#### High School

- 3 years required, 4 years recommended
  - · College-preparatory mathematics that include:
    - Elementary and advance algebra
    - 2 and 3 dimensional geometry
    - Any other approval math courses may be used
- SAT Examination
  - Mathematics 1C Score of 570 satisfies entire requirement

  - Mathematics Level 2 Score of 480 satisfies entire requirement

3

#### "c" Mathematics

AP or IB

- AP Exam in order to receive full credit you need to score 3, 4, or 5
  - AP Calculus AB
  - · Calculus BC
  - · Statistics Exam
- IB Exam in order to receive full credit you need to score 5, 6, or 7 · IB Mathematics HL Exam

#### College Courses

- Grade C or better in 1 of the following satisfies entire requirement: · A transferable math course (intermediate algebra or statistics as a
  - prerequisite)
  - 3 semester (4 quarter) units of nontransferable courses in elementary algebra, geometry, intermediate algebra or trigonometry = 1 year of math requirements with a C or better

#### "d" Laboratory Science

High School

- 2 years required, 3 years recommended:
- 2 years of laboratory science providing knowledge in 2 or 3 core disciplines:

- Biology

- Chemistry
   Physics
- Final 2 years of an approved 3-year integrated science program may be used to fulfill this requirement

#### SAT Examination

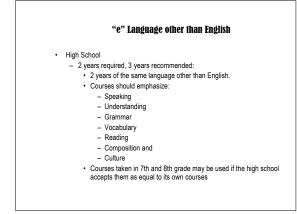
- Each test clears 1 year:
  - · Biology Score of 540
  - · Chemistry Score of 530
  - Physics Score of 530

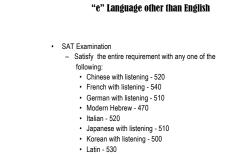
### "d" Laboratory Science

AP or IB

- AP Exam in order to receive full credit you need to score 3, 4, or 5
- Any 2 AP Exams in:
  - Biology · Chemistry
  - · Physics B or Physics C
  - Environmental Science
- IB Exam in order to receive full credit you need to score 5, 6, or 7
- Any 2 IB HL Exams in:
  - BiologyChemistry
  - Physics
- College Courses

  - Each year of the requirement, a C or better in transferable course in a: Natural (physical or biological) science with at least 30 hours of laboratory (not demonstration)





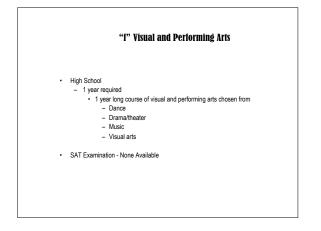
· Spanish with listening - 520



#### "e" Language other than English

AP or IB

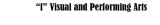
- AP Exam in order to receive full credit you need to score 3, 4, or 5
  - AP Language
  - Literature Exam
     French
    - German
    - Spanish
    - Latin
- IB Exam in order to receive full credit you need to score 5, 6, or 7
  - IB Language A2 HL Exam
- College Courses
   C or better in any transferable course(s) (excluding conversation) held in
   college = to 2 years of high school language
  - Many college courses as "Language 1" clears both years of the requirement



### "f" Visual and Performing Arts

AP or IB

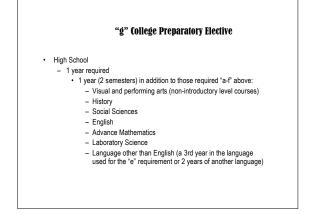
- AP Exam in order to receive full credit you need to score 3, 4, or 5
  - AP History of Arts
  - Studio Art
  - Music Theory Exam
- IB Exam in order to receive full credit you need to score 5, 6, or 7 IB HL Exam
  - Dance
  - Film
  - Music
  - Theatre Arts
  - Visual Arts



College Courses

- Any transferable course of 3 semester (4 quarter) unites that fall within 1 of the 4 visual/performing arts disciplines:

  - Dance
     Drama/theater
     Music
     Visual Art



### "g" College Preparatory Elective

SAT Examination

- Mathematics Level 2 Score of 250

- watermemanus: Level 2 Score of 250
   Writing/English Composition or Literature Score of 560
   U.S. History Score of 550
   World History Score 540
   Science (other than taken "d" requirement) Same tests/scores as listed above under
   "d"
- "d"
   Language other than English, 3rd year:
  Ochinese with listening 520
  French with listening 540
  German with listening 510
  Modern Hebrew 470

  - Italian 520
    Japanese with listening 510
    Korean with listening 500
- Latin 530
   Spanish with listening 520
   Language other than English (other than taken for "e" requirement) Same tests and scores as listed under "e"

### "g" College Preparatory Elective

AP or IB

- All AP Exam in order to receive full credit you need to score 3, 4, or 5 in any one AP Exam

  - Computer Science A
     Computer Science AB
     Microeconomics

  - MacroeconomicsHuman Geography
  - Psychology
  - U.S. Government
     Comparative Government
- All IB Exam in order to receive full credit you need to score 5, 6, or 7 in any one IB HL Exam
  - EconomicsPhilosophy
  - Psychology
  - Social and Cultural Anthropology
  - · Computer Science

# "g" Elective

- College Courses
  - C or better in 1 transferable course beyond those listed above as clearing any of the "a-f" requirements or
  - A transferable course having as prerequisite = 2 high school years in a 2nd language or
     Transferable course = to those that clear the "c", "d" or "e" requirement or
  - Transferable course = to those that clear the "c", "d" or "e" requirement
     Transferable course of 3 or more semester (4 or more quarter) units in
    - History
       Social Science
    - Visual and Performing Arts