### Art History
- ART 112 (4) and elective units (5). ART Majors only: ART 112 (4), art elective units (2) and general elective units (3)

### Studio Art: Drawing
- Elective units (9). ART Majors only: art elective units (6) and general elective units (3)

### Studio Art: 2-D Design
- Elective units (9). ART Majors only: art elective units (6) and general elective units (3)

### Studio Art: 3-D Design
- Elective units (9). ART Majors only: art elective units (6) and general elective units (3)

### Biology
- **BIO 111 (4); or BIO 213 (2) and either BMED 213 (2) or BRAE 213 (2), and GE B4 (1) & elective units (4)**

### Calculus AB
- **MATH 141 & 142 (8) or 161 & 162 (8) or 141 & 182 (8), and an elective unit (1). Meets GE B1 for majors requiring one or more of MATH 118, 119 or 221.**

### Calculus BC
- **MATH 141 or 161 or 221 (4) plus GE B1 (4) and an elective unit (1). Meets GE B1 for majors requiring one or both of MATH 118 and 119.**

### Calculus Subscore
- **MATH 141 or 161 or 221 (4) plus GE B1 (4) and an elective unit (1). Meets GE B1 for majors requiring one or both of MATH 118 and 119.**

### English Language & Composition
- **ENGL 134 (4) and elective units (5)**

### English Literature & Composition
- **ENGL 134 (4) & GE C1 (4) and an elective unit (1)**

### Comparative Government & Politics
- **HIST 111 (4) and elective units (5)**

### Economics: Microeconomics
- **ECON 221 (4) and elective units (5)**

### Economics: Macroeconomics
- **ECON 222 (4) and elective units (5)**

### European History
- **HIST 111 (4) and elective units (5)**

### French Language & Culture
- **FR 201 (4) and elective units (5)**
- **FR 201 (4) & 202 (4) and an elective unit (1)**
- **FR 201 & 202 & 203 (9)**

### Mathematics

#### Calculus combinations \( (\text{CALC}_x) \): If both AB and BC are passed, credit is extended only for BC, since it duplicates AB material. A maximum 9 units total is given for any combination of Calculus exams.

#### Chemistry
- **CHEM 110 (4) or 111 (5), and elective units (5 or 4)**

#### Chinese Language & Culture
- **CHIN 201 (4) & 202 (4) and an elective unit (1)**

#### Computer Science A
- **CSC 101/CPE 101 (4) and elective units (5)**

#### English Language + Literature combinations \( (\text{ENGL}_x) \): when both exams are passed, the second exam earns 5 elective units for a total of 14 units

#### Environmental Science
- **BIO 112 (4) and elective units (5)**

#### French Language & Culture
- **FR 201 (4) & 202 (4) and an elective unit (1)**

#### Studio Art: Drawing
- **Elective units (9). ART Majors only: art elective units (6) and general elective units (3)**

#### Studio Art: 2-D Design
- **Elective units (9). ART Majors only: art elective units (6) and general elective units (3)**

#### Studio Art: 3-D Design
- **Elective units (9). ART Majors only: art elective units (6) and general elective units (3)**

#### Biology
- **BIO 111 (4); or BIO 213 (2) and either BMED 213 (2) or BRAE 213 (2), and GE B4 (1) & elective units (4)**

#### Calculus AB
- **MATH 141 & 142 (8) or 161 & 162 (8) or 141 & 182 (8), and an elective unit (1). Meets GE B1 for majors requiring one or more of MATH 118, 119 or 221.**

#### Calculus BC
- **MATH 141 or 161 or 221 (4) plus GE B1 (4) and an elective unit (1). Meets GE B1 for majors requiring one or both of MATH 118 and 119.**

#### Calculus Subscore
- **MATH 141 or 161 or 221 (4) plus GE B1 (4) and an elective unit (1). Meets GE B1 for majors requiring one or both of MATH 118 and 119.**
German Language & Culture 55 X
X GER 201 (4) and elective units (5)
X GER 201 (4) & 202 (4) and an elective unit (1)
X GER 201 & 202 & 203 (9)
C5

Human Geography 53 X X X GEOG 150 (4) and elective units (5)
C5

Italian Language & Culture 62 X X X ITAL 201 (4) and elective units (5)
X ITAL 201 (4) & WLC 202 (4) and an elective unit (1)
C5

Japanese Language & Culture 64 X X X JPNS 201 (4) and elective units (5)
X JPNS 201 (4) & WLC 202 (4) and an elective unit (1)
C5

Latin 60 X X X WLC 201 (4) and elective units (5)
X WLC 201 (4) & 202 (4) and an elective unit (1)
C5

Music Theory 75 X X X MU 101 (4) and elective units (5)
C3

Music: Aural subscore 76 X X X Elective units (9). Alternatively, credit for MU 104 (2) and 7 elective units may be awarded following proficiency assessment by Music department

Music: Nonaural subscore 77 X X X Elective units (9). Alternatively, credit for MU 103 (4) and 5 elective units may be awarded following proficiency assessment by Music department

Music combinations (MUSC_): when multiple exams are passed, total credit earned is 9 units

Physics 1 83 X X PHYS 104 (4) & GE B4 (1) and elective units (4)
X PHYS 121 (4) & GE B4 (1) and elective units (4)
B3&B4

Physics 2 84 X X PHYS 104 (4) & GE B4 (1) and elective units (4)
X PHYS 123 (4) and elective units (5)
B3&B4

Physics C: Electricity & Magnetism 82 X X PHYS 123 (4) and elective units (5)
X PHYS 133 (4) and elective units (5)
B3&B4

Physics C: Mechanics 80 X X X PHYS 121 (4) & GE B4 (1) and elective units (4)
X PHYS 141 (4) & GE B4 (1) and elective units (4)
B3&B4

Physics combinations (PHYS_) If any combination of Physics exams are passed, 9-12 units and the highest level of courses possible are earned (depending on exams passed)

Psychology 85 X X X X * PSY 201 or 202 (4) and elective units (5)
D4

Seminar 22 X X X Elective units (9)

Seminar & Research 22/23 X X Elective units (14)

AP Seminar has to be taken and passed to be eligible to take AP Research. When both Seminar and Research are passed, a maximum total of 14 units can be earned

Spanish Language & Culture 87 X X SPAN 201 (4) and elective units (5)
X SPAN 201 (4) & 202 (4) and an elective unit (1)
C5

Spanish Literature & Culture 89 X X SPAN 201 (4) & 202 (4) and an elective unit (1)
X SPAN 201 & 202 & 203 (9)
C5

Spanish Language + Literature combination (SPAN_): when both exams are passed, a maximum total of 14 units can be earned

Statistics 90 X X X X STAT 130 (4) and elective units (5)
X * STAT 217 (4) or 218 (4) or 251 (4) and elective units (5)
B1

United States Government & Politics 57 X X X X Elective units (9) (This fulfills the US-2 component of Title 5 40404)

United States History 07 X X X X Elective units (9) (This fulfills the US-1 component of Title 5 40404)

US History + US Gov. & Politics combination (HSGV_): when both exams are passed (US-1 and US-2), and POLS 111 (1 unit, US-3) is completed at Cal Poly, then GE D1 and elective units are earned.

World History 93 X X X X HIST 223 (4) and elective units (5)
D3

This matrix reflects courses offered at time of exam. 2017-2019 Catalog may list new courses not reflected here. v.3/29/17 Produced by the Office of the Registrar. Page 2 of 2