

Santa Clara University  
College of Arts & Sciences

For use by transfer applicants

TRANSFER CREDIT PLANNER CHECK-SHEET

*\*Admission recommendations*

University Core Requirement

Course Completed or IP (In Progress) or AP/IB test credit

FOUNDATIONS

- Critical Thinking & Writing 1\*** \_\_\_\_\_
- Critical Thinking & Writing 2\*** \_\_\_\_\_
- Cultures & Ideas 1** \_\_\_\_\_
- Cultures & Ideas 2** \_\_\_\_\_
- Second Language** \_\_\_\_\_
- Mathematics\*** \_\_\_\_\_
- Religion Theology & Culture 1** \_\_\_\_\_

*(Students transferring with 30 or more semester units (or 44 or more quarter units) of transfer credit (excluding test credit) will be exempt from completing one RTC Core requirement)*

EXPLORATIONS

- Ethics** \_\_\_\_\_
- Civic Engagement** *Must be completed at Santa Clara University*
- Diversity** \_\_\_\_\_
- Arts** \_\_\_\_\_
- Natural Science with Lab\*** \_\_\_\_\_
- Social Science** \_\_\_\_\_
- Religion, Theology & Culture 2** *Must be completed at Santa Clara University*
- Cultures & Ideas 3** \_\_\_\_\_
- Science, Technology & Society** *Must be completed at Santa Clara University*
- Religion, Theology & Culture 3** *Must be completed at Santa Clara University*

INTEGRATIONS

- Experiential Learning for Social Justice** *Must be completed at Santa Clara University*
- Advanced Writing** *Must be completed at Santa Clara University*
- Pathways** *Must be completed at Santa Clara University*

FOR ADDITIONAL INFORMATION ON REQUIREMENTS PER MAJOR, GO TO: <https://www.scu.edu/cas/academics/undergraduate-majors-and-minors/>

TOTAL SEMESTER UNITS \_\_\_\_\_ x \_\_\_\_ = \_\_\_\_\_ TOTAL QUARTER UNITS\*\*

**\*\*Note:** The maximum number of units allowed to transfer (including AP/IB test credit) is: 87.50 quarter units. The time needed to complete a degree offered in the College of Arts & Sciences will depend on the total number of units accepted and their distribution toward satisfying SCU Core, School/College and major curriculum requirements.

Santa Clara University

Leavey School of Business

TRANSFER CREDIT PLANNER CHECK-SHEET

For use by Transfer Applicants

**\*Admission recommendations**

University Core Requirement                      Course Completed or IP (In Progress)

**FOUNDATIONS**

- Critical Thinking & Writing 1\*** \_\_\_\_\_
- Critical Thinking & Writing 2\*** \_\_\_\_\_
- Cultures & Ideas 1** \_\_\_\_\_
- Cultures & Ideas 2** \_\_\_\_\_
- Second Language** \_\_\_\_\_
- Mathematics\***                      **See Business Core MATHEMATICS requirements**
- Religion Theology & Culture 1** \_\_\_\_\_

(Students transferring with 30 or more semester units (or 44 or more quarter units) of transfer credit (excluding test credit) will be exempt from completing one RTC Core requirement)

**EXPLORATIONS**

- **Ethics**                                      *Satisfied within major requirements at SCU*
- **Civic Engagement**                      **Must be completed at Santa Clara**
- Diversity: U.S. Perspectives** \_\_\_\_\_
- Arts** \_\_\_\_\_
- Natural Science W/Lab** \_\_\_\_\_
- Social Science\***                      **See Business Core ECONOMICS requirements**
- **Religion, Theology & Culture 2**    **Must be completed at Santa Clara**
- **Cultures & Ideas 3**                      *Satisfied within major requirements at SCU*
- **Science, Technology & Society**    **Must be completed at Santa Clara**
- **Religion, Theology & Culture 3**    **Must be completed at Santa Clara**

**INTEGRATIONS**

- **ELSJ**                                      **Must be completed at Santa Clara University**
- **Advanced Writing**                      **Must be completed at Santa Clara University**
- **Pathways**                                **Must be completed at Santa Clara University**

**LEAVEY SCHOOL OF BUSINESS CORE REQUIREMENTS**

(Refer to the Leavey School of Business website for individual major requirements at: <https://www.scu.edu/business/myleavey/undergraduates/advising/>)

Leavey School of Business Requirement    Course completed or IP (In Progress)

**ACCOUNTING\***

- Intro to Financial Accounting\*** \_\_\_\_\_
- Intro to Managerial Accounting\*** \_\_\_\_\_

**INTRODUCTION TO BUSINESS**

- Intro to Business** \_\_\_\_\_

**BUSINESS COMPUTING**

- Intro to Computing** \_\_\_\_\_

**BUSINESS LAW**

- Business Law** \_\_\_\_\_

**ECONOMICS\***

- Microeconomics\*** \_\_\_\_\_
- Macroeconomics\*** \_\_\_\_\_

**DATA ANALYSIS**

- Statistics** \_\_\_\_\_

**MATHEMATICS\*** \*Starting Fall 2024: Finance and Economics majors require two Calculus courses (Calculus 1 and 2). All other business majors only require Calculus 1.

- Calculus I\*** \_\_\_\_\_
- Calculus II\*** \_\_\_\_\_

**TOTAL SEMESTER UNITS** \_\_\_\_\_ x 1.5 = \_\_\_\_\_ **\*\* TOTAL**

**QUARTER UNITS\*\***

\*\*Note: The maximum number of units allowed to transfer (including AP/IB test credit) is: 87.50 quarter units. The time needed to complete a degree offered in the Leavey School of Business will depend on the total number of units accepted and their distribution toward satisfying SCU Core, School and major requirements.

Santa Clara University

School of Engineering

For use by Transfer Applicants

TRANSFER CREDIT PLANNER CHECK-SHEET

\*Admission recommendations

University Core Requirement Course Completed or IP (In Progress)

FOUNDATIONS

- Critical Thinking & Writing 1\*
Critical Thinking & Writing 2\*
Cultures & Ideas 1
Cultures & Ideas 2
Mathematics\* Satisfied within major requirements at SCU
Religion Theology & Culture 1

(Students transferring with 30 or more semester units (or 44 or more quarter units) of transfer credit (excluding test credit) will be exempt from completing one RTC Core requirement)

EXPLORATIONS

- Ethics
Civic Engagement Must be completed at Santa Clara
Diversity: U.S. Perspectives
Arts Satisfied within major requirements at SCU
Natural Science w/Lab\* Satisfied within major requirements at SCU
Social Science
Religion, Theology & Culture 2 Must be completed at Santa Clara
Cultures & Ideas 3
Science, Technology & Society Must be completed at Santa Clara
Religion, Theology & Culture 3 Must be completed at Santa Clara

INTEGRATIONS

- ELSJ Must be completed at Santa Clara University
Advanced Writing Must be completed at Santa Clara University
Pathways Must be completed at Santa Clara University

SCHOOL OF ENGINEERING REQUIREMENTS

(Refer to the School of Engineering website for individual major requirements at: https://www.scu.edu/engineering/undergraduate/degree-programs/)

Engineering School Requirement Course completed or IP (In Progress)

MATHEMATICS\*

- Calculus and Analytic Geometry I\*
Calculus and Analytic Geometry II\*
Calculus and Analytic Geom III/IV
Differential Equations

NATURAL SCIENCE\*

- General Chemistry\*
Physics w/ Calculus \*
Physics w/ Calculus \*
Physics w/ Calculus \*

ADDITIONAL ENGINEERING MAJOR Requirements

- Bioengineering
Civil, Environmental and Sustainable Engineering
Computer Science and Engineering
Electrical & Computer Engineering
Electrical Engineering
General Engineering
Mechanical Engineering
Web Design and Engineering

TOTAL SEMESTER UNITS \_\_\_\_\_ x 1.5 = \_\_\_\_\_ TOTAL QUARTER UNITS\*\*

\*\*Note: Refer to the chart listing the maximum number of units allowed to transfer (including AP/IB test credit) per major located on the SCU Undergraduate Admission webpage at: http://www.scu.edu/ugrad/transfer/

# *Santa Clara University*

## *Undergraduate*

# Cosumnes River College Transfer Guide

*For use by Transfer Applicants*

Use the **TRANSFER CREDIT PLANNER** to map out your transfer credit.

Thank you for your interest in Santa Clara University! This guide has been designed to help make the course-planning process easier for students who wish to transfer to Santa Clara University.

## **College of Arts & Sciences Admission Recommendations for Transfer Students:**

**Bachelor of Arts** majors: Art History, Studio Art, Classics (Ancient Studies, Classical Languages and Literature), Communication, English, History, Modern Languages (French, German, Italian, Spanish), Philosophy, Religious Studies, Performing Arts (Music, Theatre, Dance), Women's and Gender Studies

- Two English composition courses (*aka: Critical Thinking & Writing 1 & 2*)
- One college-level mathematics course
- One natural science course with a lab
- GPA 3.3

**Bachelor of Science** majors: **Anthropology**, Biology, Biochemistry, Chemistry, **Child Studies**, Economics, Engineering Physics, **Environmental Science**, **Environmental Studies**, **Ethnic Studies**, Mathematics, Computer Science, Neuroscience, Physics, Political Science, Psychology, Public Health Science, and **Sociology**

- Two English composition courses (*aka: Critical Thinking & Writing 1 & 2*)
- Two college-level mathematics courses
  - **Exception:** the following B.S. majors require one mathematics course:
    - *Anthropology, Child Studies, Environmental Studies, Ethnic Studies, and Sociology: Statistics course suggested*
    - *Environmental Science: one Calculus course suggested*
- One natural science course with a lab
- GPA 3.3

## **Leavey School of Business Admission Recommendations for Transfer Students:**

**Bachelor of Science in Commerce** majors: Accounting, Accounting and Information Systems, Economics, Finance, Management, Marketing, Management Information Systems

### ***Courses strongly recommended for admission:***

- Two English composition courses (*aka: Critical Thinking & Writing 1 and 2*)
- Mathematics: MATH 400 and 401 OR MATH 341
  - *Starting Fall 2024: Finance and Economics majors require two Calculus courses (Calculus 1 and 2). All other business majors only require Calculus 1.*
- Economics: ECON 302 and 304
- Accounting: ACCT 301 and 311
  
- GPA 3.5

## **School of Engineering Admission Recommendations for Transfer Students:**

**Bachelor of Science** majors: Bioengineering, Civil, Environmental and Sustainable Engineering, Computer Science and Engineering, Electrical and Computer Engineering, Electrical Engineering, General Engineering, Mechanical Engineering, and Web Design & Engineering

### ***Courses strongly recommended for admission:***

- Two English composition courses (*aka: Critical Thinking & Writing 1 & 2*)
- Mathematics: MATH 400 and MATH 401
- One natural science course with a lab: CHEM 400
- Two Calculus-based Physics courses: PHYS 411 and PHYS 421
  - *Web Design Engineering majors are not required to complete CHEM 400, PHYS 411 & 421. Complete one course in the Natural Science list.*
  
- GPA 3.5

For additional SCU Transfer Admissions information:

<https://www.scu.edu/admission/undergraduate/transfer-students/>

The following information is provided to help transfer students understand and complete additional Santa Clara University Core Curriculum (General Education) requirements.

## STRUCTURE OF SANTA CLARA UNIVERSITY GENERAL CORE

Below is a visual representation of Santa Clara University Core Curriculum Requirements. Some Core requirements must be met at SCU: Civic Engagement, Religion, Theology & Culture 2, Science, Technology & Society, Religion, Theology & Culture 3, Experiential Learning for Social Justice, Advanced Writing, and Pathways. Moreover, no courses listed in this guide can fulfill more than one Core requirement.



To learn more about Santa Clara University's Core Curriculum learning goals and objectives, [click here](#).

**Note:** Current high school students applying as First-Year students may not transfer courses to fulfill Core Critical Thinking & Writing 1 and 2 or Cultures & Ideas 1 and 2, Religion Theology and Culture 1 in addition to the Core requirements listed above that must be met at SCU.

**MAXIMUM NUMBER OF TRANSFER UNITS ACCEPTED:**

- Santa Clara University is on a quarter system
  - 1 semester unit is equivalent to 1.5 quarter units
- It is recommended to transfer with 30 or more semester units (44 or more quarter units) of transfer credit (not including AP/IB test credit).
- Students are allowed to transfer in a maximum of one-half of the total quarter units required to graduate in their specific program. The maximum number includes credit transferred from another institution and Advanced Placement and High-Level International Baccalaureate and University of Cambridge A-Level test credits.

| Academic Division   | Minimum number of units required for graduation | Maximum transferrable <b>Quarter</b> units | Maximum transferrable <b>Semester</b> unit equivalency |
|---|---|--|--|
| <b>College of Arts and Sciences</b>                                     | 175   | 87.5                                       | 58.33  |
| <b>College of Arts and Sciences: <i>Engineering Physics</i></b>         | 193   | 96.5                                       | 64.33  |
| <b>Leavey School of Business</b>  | 175   | 87.5                                       | 58.33  |
| <b>School of Engineering:</b>   |   |  |  |
| <i>Bioengineering</i>   | 191   | 95.5                                       | 63.66  |
| <i>Civil, Environmental and Sustainable Engineering</i>                 | 195   | 97.5                                       | 65   |
| <i>Computer Science &amp; Engineering and General Engineering</i>       | 189   | 94.5                                       | 63   |
| <i>Electrical Engineering and Electrical &amp; Computer Engineering</i> | 190   | 95   | 63.33  |
| <i>Mechanical Engineering</i>   | 192   | 96   | 64   |
| <i>Web Design and Engineering</i>                                       | 175   | 87.5                                       | 58.33  |

**TRANSFER CREDIT ACCEPTED:**

SCU does not give transfer credit for P/NP, CR, or courses with a grade of C- or lower. Grades are not transferable to SCU, only units.

The following courses are not transferrable: most first-year seminars, internships, professional development courses, independent study courses, workshops, most physical education courses, remedial English and remedial mathematics courses.

Santa Clara University only accepts University of California transferable courses. In addition, SCU does not allow the following Cosumnes River College UC transferrable courses to transfer for credit: some Agriculture Business, Animal Science, English as a Second Language and Writing courses, Horticulture, Kinesiology – Adapted, Kinesiology – Fitness, Personal Activity, Intercollegiate, and Team Activity courses, and Plant Science classes. To view all Cosumnes River College’s UC transferable courses, visit [www.assist.org](http://www.assist.org). **UC transferrable courses not listed in this guide and not listed above as excluded will be accepted as elective units. After acceptance, students may petition a course that received elective credit to be evaluated, and if approved, fulfill a Core and/or major requirement.** Transfer credit evaluations for individual students are completed after admission to SCU. However, the following information will help students evaluate their own course work.

# FOUNDATIONS Core requirements

## Critical Thinking & Writing 1 and 2 Core Requirement:

To fulfill the Critical Thinking & Writing (CTW) 1 and 2 Santa Clara University Core requirements, a student must complete one course from the Critical Thinking & Writing 1 course list, and one course from the Critical Thinking & Writing 2 course list below. If both requirements are not satisfied prior to enrollment at SCU, students who have completed fewer than 30 semester units (or 44 quarter units) of transfer credit (not including test credit) will be required to take the 2-quarter course sequence at SCU. Students who transfer with 30 or more semester units (or 44 or more quarter units) of transfer credit (not including test credit) and have fulfilled the CTW 1 but not the CTW 2 requirement will be required to complete an additional course at SCU to satisfy the CTW 2 requirement.

### CRITICAL THINKING & WRITING 1: Complete one course from list below.

**Admission recommendation: Complete Critical Thinking and Writing 1 Core requirement.**

Exceptions for taking a course listed below to satisfy CTW 1: Students placed into the 2<sup>nd</sup> college level English, or who scored a 4 or 5 on the AP English Language exam, may substitute the course placement or the test credit for CTW 1. Students are responsible for submitting the appropriate official AP CollegeBoard Report at the time of acceptance to receive such credit.

| Cosumnes River College Course                      |
|--|
| ENGWR 300: College Composition                     |
| ENGWR 480 or HONOR 375: Honors College Composition |

### CRITICAL THINKING & WRITING 2: Complete one course from list below.

**Admission recommendation: Complete Critical Thinking and Writing 2 Core requirement.**

| Cosumnes River College Course  |
|--|
| ENGWR 301: College Composition and Literature  |
| ENGWR 302: Advanced Composition and Critical Thinking                                  |
| PHIL 486: Honors Seminar in Critical Thinking and Composition: Philosophy of Happiness |



## CULTURES & IDEAS 1 and 2 Core Requirements:

To fulfill the Santa Clara University Cultures & Ideas 1 and 2 Core Curriculum requirements, a student must complete one course from the Cultures and Ideas 1 list, and one course from the Cultures and Ideas 2 course list. If both requirements are not satisfied prior to enrollment at SCU, students who have completed fewer than 30 semester units (or fewer than 44 quarter units) of transfer credit will be required to take the 2-quarter course sequence at SCU. Students who transfer with 30 or more semester units (or 44 or more quarter units) and fulfilled the Cultures & Ideas 1 but not the Cultures & Ideas 2 requirement, will be required to take one course instead of the 2-course sequence at SCU. **Although it is not listed as an admission recommendation, it is advised to fulfill the Cultures and Ideas 1 and 2 course sequence prior to enrollment at SCU.**

### CULTURES & IDEAS 1: Complete one course from list below.

Transfer courses cannot fulfill more than one Santa Clara University Core requirement. If you already took a course listed below to satisfy a different requirement, you will want to choose a different course to complete.

| <b>Cosumnes River College Course</b>  |
|---|
| ANTH 332: Native Peoples of California  |
| ARTH 300: Art Appreciation  |
| ARTH 303: Art Survey- Ancient to 14 <sup>th</sup> Century                                     |
| ARTH 307: Italian Renaissance Art   |
| ARTH 309: Art Survey- Renaissance to 19 <sup>th</sup> Century                                 |
| ARTH 324: Art of the Americas   |
| ARTH 325: Native American Art History   |
| BIOL 342: The New Plagues: New and Ancient Infectious Diseases Threatening World Health       |
| ENGLT 320: American Literature  |
| ENGLT 321: American Literature  |
| GEOG 322: Geography of California   |
| HIST 301: History of Western Civilization (to 1660)   |
| HIST 302: History of Western Civilization   |
| HIST 310: History of the United States  |
| HIST 311: History of the United States  |
| HIST 314: Recent United States History  |
| HIST 370: History of the Americas through the 19 <sup>th</sup> C Wars of Independence         |
| HIST 371: History of the Americas from the 19 <sup>th</sup> C Wars of Independence to Present |
| HIST 373: History of Mexico   |
| HIST 485: Recent United States History - Honors   |
| HONOR 366: Recent United States History – Honors  |
| HONOR 367: Introduction to Government: United States - Honors                                 |
| HUM 300: Classical Humanities   |
| HUM 310: Modern Humanities  |

|   |
|---|
| HUM 332: American Humanities                                |
| MUFHL 315: Jazz History                                     |
| MUP 423: Composition Ensemble Workshop                      |
| POLS 301: Intro to Government- United States                |
| POLS 304: Intro to Government- California                   |
| POLS 314: Modern Europe and the Unification Process         |
| POLS 481: Introduction to Government: United States- Honors |

## **CULTURES & IDEAS 2:** Complete one course from list below.

Transfer courses cannot fulfill more than one Santa Clara Core requirement. If you already took a course listed below to satisfy a different requirement, you will want to choose a different course to complete.

| <b>Cosumnes River College Course</b>  |
|---|
| ANTH 310: Cultural Anthropology   |
| ANTH 316: Global Forces in Culture Change   |
| ANTH 324: World Prehistory  |
| ANTH 331: The Anthropology of Religion  |
| ANTH 334: Native Peoples of North America   |
| ARCH 310: History of Architecture   |
| ARTH 300: Art Appreciation  |
| ARTH 311: Art Survey- Modern Art  |
| ARTH 312: Women in Art  |
| ARTH 328: Survey of African Art   |
| ARTH 332: Asian Art   |
| ARTH 333: Intro to Islamic Art  |
| BIOL 342: The New Plagues: New and Ancient Infectious Diseases Threatening World Health |
| COMM 325: Intercultural Communication   |
| ENGLT 330: African American Literature  |
| ENGLT 340: World Literature   |
| ENGLT 341: World Literature   |
| ENGLT 343: Contemporary Third World Literature  |
| ENGLT 345: Mythologies of the World   |
| GEOG 305: Global Climate Change   |
| GEOG 310: Human Geography- Exploring Earth's Cultural Landscapes                        |
| GEOG 320: World Regional Geography  |
| HIST 307: History of World Civilizations to 1500  |
| HIST 308: History of World Civilizations, 1500 to Present                               |
| HIST 360: History of African Civilizations  |
| HIST 364: Asian Civilization  |
| HIST 365: Asian Civilization  |
| HIST 380: History of the Middle East  |
| HUM 320: Asian Humanities   |

|   |
|---|
| HUM 324: Global Islam- Culture and Civilization                             |
| HUM 331: Latin American Humanities  |
| MUFHL 310: Survey of Music History and Literature (Greek Antiquity to 1750) |
| MUFHL 311: Survey of Music History and Literature (1750 to the present)     |
| MUFHL 330: World Music  |
| NUTRI 310: Cultural Foods of the World                                      |
| PHIL 352: Introduction to World Religions                                   |
| POLS 302: Comparative Politics  |
| POLS 310: Intro to International Relations                                  |
| POLS 311: International Political Economy                                   |
| POLS 312: The Middle East   |
| POLS 313: Latin America   |
| POLS 317: Global Studies- Africa  |
| POLS 318: Global Studies- Central Asia                                      |
| POLS 319: Global Studies- Southeast Asia                                    |
| POLS 482: International Political Economy – Honors                          |
| RLST 301: Introduction to World Religions                                   |
| TA 302: History and Theory of the Theatre I                                 |
| TA 303: History and Theory of the Theatre II                                |

## SECOND LANGUAGE:

**College of Arts & Sciences:** A student must successfully complete the second semester course (or third quarter course) of a first-year college level Foreign Language.

**Leavey School of Business:** A student must successfully complete the second semester course (or second quarter course) of a first-year college level Foreign Language.

**School of Engineering:** Students are not required to fulfill the second language requirement. However, if a student is admitted in the School of Engineering and decides to change schools after enrollment, the student will be required to fulfill the second language requirement at SCU.

1. Students may take a language not offered at SCU (i.e. American Sign Language) to fulfill this requirement as long as they successfully complete the requirement prior to enrollment at Santa Clara University.
2. If a student received a 4 or 5 on an AP Language exam that is accepted at SCU, or a 6 or 7 on a Higher Level IB Foreign Language exam, the Second Language requirement will be satisfied. Refer to the AP/IB Chart located in the current SCU Undergraduate Bulletin under Chapter 8: Academic Credit Evaluation at <https://www.scu.edu/bulletin/undergraduate-bulletin/> for course equivalencies. Students are responsible for submitting the appropriate official AP CollegeBoard or IB Report at the time of acceptance to receive such credit, or
3. Once admitted to SCU, a student can satisfy this requirement by demonstrating an equivalent level of proficiency through an intensive examination arranged through the Modern Languages department at SCU. Access detailed proficiency exam information at: <https://www.scu.edu/modernlanguages/student-resources/placement--proficiency-testing/>

*When a Cosumnes River College course does not have a direct SCU course equivalent, but fulfills the Core second language requirement, a transfer credit (TRCR) code of TRCR 33 is assigned.*

| <b>Cosumnes River College Course</b>     | <b>SCU Course equivalency</b>                                     |
|--|---|
| DEAF 310: American Sign Language I       | TRCR 31   |
| DEAF 312: American Sign Language II      | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |
| DEAF 314: American Sign Language III     | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |
| DEAF 316: American Sign Language IV      | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |
| HMONG 401: Elementary Hmong              | TRCR 31   |
| HMONG 402: Elementary Hmong II           | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |
| SPAN 401: Elementary Spanish             | SPAN 1  |
| SPAN 402: Elementary Spanish             | SPAN 3 (satisfies Core 2 <sup>nd</sup> Lang)                      |
| SPAN 411: Intermediate Spanish           | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |
| SPAN 412: Intermediate Spanish           | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |
| SPAN 413: Spanish for Native Speakers I  | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |
| SPAN 415: Spanish for Native Speakers II | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |
| VIET 401: Elementary Vietnamese          | TRCR 31   |
| VIET 402: Elementary Vietnamese          | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |
| VIET 411: Interm Vietnamese              | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |
| VIET 412: Interm Vietnamese              | TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent |

## **MATHEMATICS:**

**College of Arts & Sciences admission recommendation:** For B.A. majors: one college-level mathematics course; for B.S. majors: two college-level mathematics courses. A score of 3, 4 or 5 on the Advanced Placement Calculus BC or a score of 4 or 5 on the Calculus AB exams will satisfy the Mathematics Core and some major requirements.

**Leavey School of Business admission recommendations:** complete MATH 341 OR MATH 400 and 401. \*Starting Fall 2024: Finance and Economics majors require two Calculus courses (Calculus 1 and 2). All other business majors only require Calculus 1. A score of 4 or 5 on the Advanced Placement Calculus BC exam will satisfy the Core and Leavey School of Business mathematics requirements.

**School of Engineering admission recommendation:** Complete MATH 400 and MATH 401. Engineering majors at SCU require the completion of more than one math course (see table at the end of

this document for additional courses to complete per major). A score of 4 or 5 on the Advanced Placement Calculus BC exams will satisfy the mathematics Admission recommendations.

Consult the Santa Clara University Undergraduate Bulletin for additional requirements for a major. The bulletin can be found at: <https://www.scu.edu/academics/course-catalogs/undergraduate-bulletin/>

| Cosumnes River College Course  | SCU course equivalency                             |
|--|--|
| MATH 300: Intro to Mathematical Ideas  | MATH 4 ( <i>B.A. majors only</i> )                 |
| MATH 341: Calculus for Bus and Economics   | MATH 30 ( <i>Recommended for Business majors</i> ) |
| MATH 350: Calc for Life and Social Sci I OR<br>MATH 355: Calculus for Biology and<br>Medicine I  | MATH 35  |
| MATH 355 Calculus for Biology and<br>Medicine I AND MATH 356 Calculus for<br>Biology and Medicine II   | MATH 35 & 36                                       |
| MATH 400: Calculus I   | MATH 11  |
| MATH 401: Calculus II  | MATH 12  |
| STAT 300: Intro to Probability and Statistics<br>OR STAT 480: Introduction to Probability<br>and Statistics- Honors OR HONOR 393:<br>Introduction to Probability and Statistics-<br>Honors | MATH 8 (or OMIS 40 for Business majors)            |
| ECON 310 Statistics for Business and<br>Economics  | OMIS 40  |

*Note: SCU does not accept remedial mathematics courses. Although a pre-Calculus course is transferrable, it will not fulfill any general core, major or minor requirements.*

**RELIGION, THEOLOGY & CULTURE 1:** *Only needed if transferring with less than 30 semester units (44 quarter units) of transfer credit (not including test credit). Students transferring with more than 30 semester units (44 quarter units) of transfer credit (not including test credit) will be exempt from this requirement.*

Students transferring with less than 30 semester units (44 quarter units) of transfer credit (not including test credit) may complete **one course** from the list below to satisfy the RTC 1 Core requirement.

Transfer courses cannot fulfill more than one Santa Clara Core requirement. If you already took a course listed below to satisfy a different requirement, you will want to choose a different course to complete.

| Cosumnes River College Course             |
|---|
| PHIL 352: Introduction to World Religions |
| RLST 301: Introduction to World Religions |

*Note: The transferring with more than 30 semester units (or more than 44 quarter units) of transfer credit (not including test credit) for the RTC 1 exemption rule does not apply to freshmen applicants.*

# EXPLORATIONS Core requirements

## ETHICS:

**College of Arts & Sciences:** Complete one course from list below.

**Leavey School of Business:** Students will fulfill the Ethics requirement with a major course taken SCU.

**School of Engineering:** Complete one course from list below.

| Cosumnes River College Course |
|-------------------------------|
| PHIL 310: Intro to Ethics     |

**CIVIC ENGAGEMENT:** Must be completed at Santa Clara University.

**DIVERSITY: US Perspectives:** Complete one course from list below.

Transfer courses cannot fulfill more than one Santa Clara Core requirement. If you already took a course listed below to satisfy a different requirement, you will want to choose a different course to complete.

| Cosumnes River College Course  |
|--|
| ANTH 313: Introduction to Cultural Anthropology: Medical Focus               |
| DEAF 351: Introduction to American Deaf Culture                              |
| ENGLT 330: African American Literature                                       |
| ENGLT 335: Latino, Mexican-American, and Chicano Literature                  |
| ENGLT 336: Race and Ethnicity in Contemporary American Literature            |
| ENGLT 360: Women in Literature   |
| ENGLT 365: Introduction to Gay, Lesbian, Bisexual and Transgender Literature |
| ETHNS 300: Introduction to Ethnic Studies                                    |
| ETHNS 320: The African American Experience                                   |
| ETHNS 330: The Asian American Experience                                     |
| ETHNS 340: Chicanos/Mexican Americans in the U.S.                            |
| ETHNS 344: The Latino Experience in America                                  |
| ETHNS 350: Introduction to Native American Studies                           |
| HIST 320: History of the United States- African American Emphasis            |
| HIST 321: History of the United States- African American Emphasis            |
| HIST 331: Women in American History  |
| HIST 344: Survey of California- A Multicultural History                      |
| HUM 339: African American Humanities   |
| HUM 370: Women and the Creative Imagination                                  |
| PSYC 368: Cross Cultural Psychology  |
| SJS 310: Introduction to LGBTQ Studies                                       |
| SOC 321: Race, Ethnicity and Inequality in the United States                 |
| SOC 341: Sex and Gender in the U.S.  |

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|---|
| SPAN 426: Intro to Mexican American Literature      |
| SPAN 427: Intro to Spanish American Literature      |
| TA 306: Diversity in American Drama (1960- Present) |

## ARTS:

**College of Arts & Sciences:** Complete one course or several courses from the list below.

**Leavey School of Business:** Complete one course or several courses from the list below.

**School of Engineering:** School of Engineering students will automatically fulfill the Arts by taking required courses within their major at SCU. However, if a student is admitted in the School of Engineering and decides to change schools after enrollment, the student will be required to fulfill the ARTS requirement by taking a course(s) at SCU.

To fulfill the Arts requirement at Santa Clara University, a total of 2.666 semester units (equivalent to 4.00 quarter units) of transfer credit must be completed. It may be satisfied with a combination of courses totaling 2.666 semester (or 4.00 quarter) units.

| <b>Cosumnes River College Course</b>                |
|---|
| ADT 314: Architectural 3D Modeling                  |
| ARCH 320: Architectural Design and Communication I  |
| ARCH 321: Architectural Design and Communication II |
| ARCH 330: Design Fundamentals                       |
| ART 300: Elementary Drawing and Composition         |
| ART 301: Digital Drawing and Composition            |
| ART 302: Elementary Drawing and Composition         |
| ART 304: Figure Drawing and Composition             |
| ART 305: Figure Drawing and Composition             |
| ART 312: Portrait Drawing                           |
| ART 320: Design Fundamentals                        |
| ART 323: Design Color Theory                        |
| ART 324: Collage and Assemblage                     |
| ART 327: Painting                                   |
| ART 328: Painting                                   |
| ART 330: Mural Painting                             |
| ART 336: Watercolor Painting                        |
| ART 337: Intermediate Watercolor Painting           |
| ART 338: Intro to Digital Painting I                |
| ART 361: Printmaking Survey                         |
| ART 362: Printmaking Intaglio                       |
| ART 364: Printmaking Relief                         |
| ART 370: Three Dimensional Design                   |
| ART 372: Sculpture                                  |
| ART 394: Wheel Thrown Ceramics, Beginning           |
| ART 395: Wheel Thrown Ceramics, Intermediate        |
| ART 396: Wheel Thrown Ceramics, Advanced            |
| ART 402: Beginning Clay Sculpture                   |

|  |
|--|
| ART 404: Intermediate Clay Sculpture   |
| ARTNM 324: Digital Design  |
| ARTNM 420: Introduction to 3D Modeling   |
| ENG CW 400: Creative Writing   |
| ENG CW 410: Fiction Writing Workshop   |
| ENG CW 420: Poetry Writing Workshop  |
| ENG CW 430: Creative Non-Fiction Writing Workshop                                      |
| FMS 310: Introduction to Screenwriting   |
| DANCE 310: Jazz Dance I  |
| DANCE 312: Jazz Dance II   |
| DANCE 313: Jazz Dance III  |
| DANCE 314: Jazz Dance IV   |
| DANCE 320: Ballet I  |
| DANCE 321: Ballet II   |
| DANCE 322: Ballet III  |
| DANCE 330: Modern Dance I  |
| DANCE 332: Modern Dance II   |
| DANCE 333: Modern Dance III  |
| DANCE 334: Modern Dance IV   |
| DANCE 351: Urban Hip Hop I   |
| DANCE 352: Urban Hip Hop II  |
| DANCE 353: Urban Hip Hop III   |
| DANCE 354: Urban Hip Hop IV  |
| DANCE 360: Tap Dance I   |
| DANCE 386: Dance History   |
| DANCE 410: Dance Composition and Production I  |
| DANCE 411: Dance Composition and Production II   |
| DANCE 412: Dance Composition and Production III  |
| DANCE 413: Dance Composition and Production IV   |
| MUFHL 321: Basic Musicianship  |
| MUFHL 400: Music Theory and Musicianship I   |
| MUFHL 401: Music Theory and Musicianship II  |
| MUFHL 402: Music Theory I  |
| MUFHL 403: Musicianship I  |
| MUFHL 404: Music Theory II   |
| MUFHL 405: Musicianship II   |
| MUFHL 410: Music Theory and Musicianship III   |
| MUFHL 411: Music Theory and Musicianship IV  |
| MUFHL 412: Music Theory III  |
| MUFHL 413: Musicianship III  |
| MUFHL 414: Music Theory IV   |
| MUFHL 415: Musicianship IV   |
| MUFHL 416: Studies in Contemporary Composition Techniques, Performance, and Literature |
| MUFHL 420: Beginning Jazz Theory   |
| MUFHL 421: Advanced Jazz Theory  |
| MUIVI 310: Voice Class   |
| MUIVI 311: Voice Class   |
| MUIVI 320: Voice Class, Intermediate   |
| MUIVI 321: Voice Class, Intermediate   |



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|---|
| MUIVI 340: Beginning Piano  |
| MUIVI 341: Piano II   |
| MUIVI 350: Intermediate Piano   |
| MUIVI 351: Piano IV   |
| MUIVI 370: Beginning Guitar   |
| MUIVI 371: Intermediate Guitar  |
| MUIVI 385: Jazz Styles and Improvisation                                |
| MUIVI 386: Jazz Styles and Improvisation                                |
| MUIVI 410: Applied Music  |
| MUIVI 495: Independent Studies in Music Instrumental/ Voice Instruction |
| MUP 310: Orchestra  |
| MUP 312: Orchestra  |
| MUP 320: Jazz Band  |
| MUP 321: Advanced Jazz Band   |
| MUP 330: Concert Band   |
| MUP 335: Concert Band   |
| MUP 350: Concert Choir I  |
| MUP 353: Contemporary Gospel Choir                                      |
| MUP 357: College Chorus   |
| MUP 358: College Chorus Chorale   |
| MUP 360: Chamber Singers  |
| MUP 362: Chamber Singers Chorale  |
| MUP 422: Special Ensemble Participation                                 |
| PHOTO 301: Beginning Photography  |
| PHOTO 302: Beginning Digital Photography                                |
| PHOTO 312: Intermediate Digital Photography                             |
| PHOTO 320: Color Photography  |
| PHOTO 365: Alternative Process Photography                              |
| RTVF 315: Voice and Diction for Broadcasting                            |
| RTVF 378: Acting for the Camera   |
| TA 300: Introduction to the Theatre                                     |
| TA 305: Script Analysis   |
| TA 340: Beginning Acting  |
| TA 350: Theory and Techniques of Acting I                               |
| TA 351: Theory and Techniques of Acting II                              |
| TA 356: Acting for the Camera I   |
| TA 360: Styles of Acting  |
| TA 420: Stagecraft  |
| TA 422: Stage Lighting  |
| TA 430: Costume Construction  |
| TAP 300: Modern Rehearsal and Performance I                             |
| TAP 301: Modern Rehearsal and Performance II                            |
| TAP 302: Modern Rehearsal and Performance III                           |
| TAP 303: Modern Rehearsal and Performance IV                            |
| TAP 310: Modern Technical Production I                                  |
| TAP 311: Modern Technical Production II                                 |
| TAP 312: Modern Technical Production III                                |
| TAP 313: Modern Technical Production IV                                 |
| TAP 320: Classical Rehearsal and Performance I                          |
| TAP 321: Classical Rehearsal and Performance II                         |

|   |
|---|
| TAP 322: Classical Rehearsal and Performance III          |
| TAP 323: Classical Rehearsal and Performance IV           |
| TAP 330: Classical Technical Production I                 |
| TAP 331: Classical Technical Production II                |
| TAP 332: Classical Technical Production III               |
| TAP 333: Classical Technical Production IV                |
| TAP 340: Musical Rehearsal and Performance I              |
| TAP 341: Musical Rehearsal and Performance II             |
| TAP 342: Musical Rehearsal and Performance III            |
| TAP 343: Musical Rehearsal and Performance IV             |
| TAP 350: Musical Technical Production I                   |
| TAP 351: Musical Technical Production II                  |
| TAP 352: Musical Technical Production III                 |
| TAP 353: Musical Technical Production IV                  |
| TAP 360: Children's Theatre Rehearsal and Performance I   |
| TAP 361: Children's Theatre Rehearsal and Performance II  |
| TAP 362: Children's Theatre Rehearsal and Performance III |
| TAP 363: Children's Theatre Rehearsal and Performance IV  |
| TAP 370: Children's Theatre Technical Production I        |
| TAP 371: Children's Theatre Technical Production II       |
| TAP 372: Children's Theatre Technical Production III      |
| TAP 373: Children's Theatre Technical Production IV       |

## NATURAL SCIENCE (WITH A LAB) Core Requirement:

**College of Arts & Sciences admission recommendation:** Complete one Natural Science course with Lab. For Biology, Biochemistry, Chemistry, Environmental Science, Neuroscience, Physics, and Public Health Science majors, it is recommended to complete the General Chemistry and Introductory Biology course requirements prior to enrollment for these majors.

**Leavey School of Business admission recommendation:** Complete one Natural Science course with Lab.

**School of Engineering admission recommendation:** Complete CHEM 400; PHYS 411 & 421. Note: Web Design & Engineering major completes one course to satisfy Natural Science core requirement. It is recommended to complete CHEM 400. Engineering majors at SCU require the completion of more than one science course (see table at the end of this document for additional courses to complete per major).

To satisfy the Natural Science requirement, the course must have a lab component.

Consult the Santa Clara University Undergraduate Bulletin or the department website of the major for specific natural science course requirements. The bulletin can be found at: <https://www.scu.edu/academics/course-catalogs/undergraduate-bulletin/> or link to the specific department website at: <https://www.scu.edu/cas/academics/undergraduate-majors-and-minors/>

*When a Cosumnes River College course does not have a direct SCU course equivalent, but fulfills the Natural Science Core requirement, a transfer credit (TRCR) code of TRCR 18 is assigned.*

| <b>Cosumnes River College Course</b>   | <b>SCU course equivalency</b>  |
|--|--|
| ANTH 300&301: Physical Anthropology w/Lab  | TRCR 18  |
| ASTR 300&400: Intro to Astronomy w/Lab   | TRCR 18  |
| BIOL 307: Biology of Organisms w/Lab   | TRCR 18  |
| BIOL 308&309: Contemporary Biology w/Lab   | TRCR 18  |
| BIOL 310: General Biology w/Lab  | TRCR 18  |
| BIOL 400: Principles of Biology w/Lab  | TRCR 18  |
| BIOL 410: Principles of Botany w/Lab   | TRCR 18  |
| BIOL 420: Principles of Zoology w/Lab  | TRCR 18  |
| BIOL 430: Anatomy and Physiology w/Lab   | TRCR 18  |
| BIOL 431: Anatomy and Physiology w/Lab   | TRCR 18  |
| BIOL 440: General Microbiology w/Lab   | TRCR 18  |
| CHEM 305: Intro to Chemistry w/Lab   | TRCR 18  |
| CHEM 306: Introduction to Organic and Biological Chemistry w/Lab                           | TRCR 18  |
| CHEM 309: Integrated General, Organic, and Biological Chemistry w/Lab                      | TRCR 18  |
| CHEM 400: General Chemistry w/Lab  | CHEM 11  |
| CHEM 401: General Chemistry w/Lab  | CHEM 12&50   |
| CHEM 420: Organic Chemistry w/Lab  | CHEM 31  |
| CHEM 421: Organic Chemistry w/Lab  | CHEM 33 (If CHEM 420 & CHEM 421 completed, equates to SCU's CHEM 31, 32 & 33 sequence) |
| GEOG 300&301: Physical Geography- Exploring Earth's Environmental Systems w/Lab            | TRCR 18  |
| GEOL 300&301: Physical Geology w/Lab   | TRCR 18  |
| GEOL 305&306: Earth Science w/Lab  | TRCR 18  |
| GEOL 310&311: Historical Geology w/Lab   | TRCR 18  |
| PHYS 350: General Physics w/Lab  | PHYS 11  |
| PHYS 360: General Physics w/Lab  | PHYS 13 (If PHYS 350 & 360 completed, equates to SCU's PHYS 11, 12 & 13 sequence)      |
| PHYS 370: Introductory Physics - Mechanics and Thermodynamics w/Lab                        | PHYS 11  |
| PHYS 380: Introductory Physics - Electricity and Magnetism, Light and Modern Physics w/Lab | PHYS 13 (If PHYS 370 & 380 completed, equates to SCU's PHYS 11, 12 & 13 sequence)      |
| PHYS 411: Mechanics of Solids and Fluids w/Lab   | PHYS 31  |
| PHYS 421: Electricity and Magnetism w/Lab  | PHYS 33  |
| PHYS 431: Heat, Waves, Light and Modern Physics w/Lab                                      | PHYS 32 (If PHYS 411, 421 & 431 completed, equates to SCU's PHYS 31, 32, 33 & 34)      |

## **SOCIAL SCIENCE:**

**College of Arts & Sciences:** Complete one course from list below.

**Leavey School of Business:** Complete both ECON 302 and 304 courses.

**School of Engineering:** Complete one course from list below.

Transfer courses cannot fulfill more than one Santa Clara Core requirement. If you already took a course listed below to satisfy a different requirement, you will want to choose a different course to complete.

| <b>Cosumnes River College Course</b>   |
|--|
| ANTH 323: Intro to Archaeology   |
| ECON 300 Survey of Economics   |
| ECON 302: Principles of Macroeconomics ( <i>required for Business majors</i> ) |
| ECON 304: Principles of Microeconomics ( <i>required for Business majors</i> ) |
| ECON 306: Environmental Economics  |
| PSYC 300: General Principles   |
| PSYC 312: Biological Psychology  |
| PSYC 320: Social Psychology  |
| PSYC 335: Research Methods in Psychology                                       |
| SJS 300: Introduction to Social Justice Studies                                |
| SOC 300: Introductory Sociology  |
| SOC 301: Social Problems   |
| SOC 305: Critical Thinking in the Social Sciences                              |

**RELIGION, THEOLOGY & CULTURE 2:** Must be completed at Santa Clara University.

### **CULTURES & IDEAS 3:**

**College of Arts & Sciences:** Complete one course from list below.

**Leavey School of Business:** Students will fulfill the Cultures and Ideas 3 requirement at with a major course taken SCU.

**School of Engineering:** Complete one course from list below.

Transfer courses cannot fulfill more than one Santa Clara Core requirement. If you already took a course listed below to satisfy a different requirement, you will want to choose a different course to complete.

| <b>Cosumnes River College Course</b>      |
|---|
| ANTH 310: Cultural Anthropology           |
| ANTH 316: Global Forces in Culture Change |
| ANTH 324: World Prehistory                |
| ANTH 331: The Anthropology of Religion    |
| ANTH 334: Native Peoples of North America |
| ARTH 300: Art Appreciation                |

|   |
|---|
| ARCH 310: History of Architecture   |
| ARTH 311: Art Survey- Modern Art  |
| ARTH 312: Women in Art  |
| ARTH 328: Survey of African Art   |
| ARTH 332: Asian Art   |
| ARTH 333: Intro to Islamic Art  |
| BIOL 342: The New Plagues: New and Ancient Infectious Diseases Threatening World Health |
| COMM 325: Intercultural Communication   |
| ENGLT 330: African American Literature  |
| ENGLT 340: World Literature   |
| ENGLT 341: World Literature   |
| ENGLT 343: Contemporary Third World Literature  |
| ENGLT 345: Mythologies of the World   |
| GEOG 305: Global Climate Change   |
| GEOG 310: Human Geography- Exploring Earth's Cultural Landscapes                        |
| GEOG 320: World Regional Geography  |
| HIST 307: History of World Civilizations to 1500  |
| HIST 308: History of World Civilizations, 1500 to Present                               |
| HIST 360: History of African Civilizations  |
| HIST 364: Asian Civilization  |
| HIST 365: Asian Civilization  |
| HIST 380: History of the Middle East  |
| HUM 320: Asian Humanities   |
| HUM 324: Global Islam- Culture and Civilization   |
| HUM 331: Latin American Humanities  |
| MUFHL 310: Survey of Music History and Literature (Greek Antiquity to 1750)             |
| MUFHL 311: Survey of Music History and Literature (1750 to the present)                 |
| MUFHL 330: World Music  |
| NUTRI 310: Cultural Foods of the World  |
| PHIL 352: Introduction to World Religions   |
| POLS 302: Comparative Politics  |
| POLS 310: Intro to International Relations  |
| POLS 311: International Political Economy   |
| POLS 312: The Middle East   |
| POLS 313: Latin America   |
| POLS 317: Global Studies- Africa  |
| POLS 318: Global Studies- Central Asia  |
| POLS 319: Global Studies- Southeast Asia  |
| RLST 301: Introduction to World Religions   |
| TA 302: History and Theory of the Theatre I   |
| TA 303: History and Theory of the Theatre II  |

**SCIENCE, TECHNOLOGY & SOCIETY:** Must be completed at Santa Clara University.

**RELIGION, THEOLOGY & CULTURE 3:** Must be completed at Santa Clara University.

## **INTEGRATIONS** Core requirements

**EXPERIENTIAL LEARNING FOR SOCIAL JUSTICE:** Must be completed at Santa Clara University.

**ADVANCED WRITING:** Must be completed at Santa Clara University.

**PATHWAYS:** Must be completed at Santa Clara University.

*Transfer students who matriculate with fewer than 44 quarter units (or fewer than 30 semester units) must take 4 courses to fulfill the pathways requirement. However, students transferring in with more than 44 quarter units (or with 30 semester units or more-not including test credit) will complete 3 courses to fulfill the Core Pathways requirement.*

# LEAVEY SCHOOL OF BUSINESS REQUIREMENTS

*The following courses allow students to complete additional Leavey School of Business requirements.*

## ACCOUNTING

*Admission recommendations: complete both ACCT 301 and 311 courses*

| Cosumnes River College Course   | SCU Course equivalency |
|---------------------------------|------------------------|
| ACCT 301: Financial Accounting  | ACTG 11                |
| ACCT 311: Managerial Accounting | ACTG 12                |

## INTRODUCTION TO BUSINESS

| Cosumnes River College Course | SCU Course equivalency |
|-------------------------------|------------------------|
| BUS 300: Intro to Business    | BUSN 70                |

## BUSINESS COMPUTING

| Cosumnes River College Course   | SCU Course equivalency |
|---|------------------------|
| <i>No approved Cosumnes River College course equivalencies at time of publication</i> | OMIS 15                |

## BUSINESS LAW

| Cosumnes River College Course | SCU Course equivalency |
|-------------------------------|------------------------|
| BUS 340: Business Law         | BUSN 85                |

## ECONOMICS

*Admission recommendations: complete both ECON 302 and 304*

The following courses satisfy the Core Social Science requirement as well as Leavey School of Business requirements.

| Cosumnes River College Course          | SCU course equivalency |
|--|------------------------|
| ECON 302: Principles of Macroeconomics | ECON 2                 |
| ECON 304: Principles of Microeconomics | ECON 1                 |

## DATA ANALYSIS:

| Cosumnes River College Course   | SCU course equivalency |
|---|------------------------|
| STAT 300: Intro to Probability and Statistics OR<br>STAT 480: Introduction to Probability and | OMIS 40 or MATH 8      |

|   |         |
|---|---------|
| Statistics- Honors OR HONOR 393: Introduction to Probability and Statistics- Honors |         |
| ECON 310 Statistics for Business and Economics                                      | OMIS 40 |

## MATHEMATICS

*Admission recommendations: complete MATH 341 OR MATH 400 and 401*

*\*Starting Fall 2024: Finance and Economics majors require two Calculus courses (Calculus 1 and 2). All other business majors only require Calculus 1.*

| <b>Cosumnes River College Course</b>          | <b>SCU course equivalency</b> |
|---|-------------------------------|
| MATH 341: Calculus for Business and Economics | MATH 30                       |
| MATH 400: Calculus I                          | MATH 11                       |
| MATH 401: Calculus II                         | MATH 12                       |

*Note: A score of 4 or 5 on the AP CALCULUS BC exam will equate to SCU's MATH 11 & 12.*



# ADDITIONAL SCHOOL OF ENGINEERING REQUIREMENTS PER MAJOR

The following courses allow students to complete additional School of Engineering requirements.

| SCU COURSE             | COURSE  | BIOE | CENG | CSEN | ECEN | ELEN | ENGR | MECH | WDE |
|------------------------|---|------|------|------|------|------|------|------|-----|
| CHEM 11                | CHEM 400  | X    | X    | X    | X    | X    | X    | X    | *** |
| CHEM 12                | CHEM 401  | X    |      |      |      |      |      |      |     |
| CHEM 31                | CHEM 420  | X    |      |      |      |      |      |      |     |
| CHEM 31,32,33          | CHEM 420&421                                      | X*   |      |      |      |      |      |      |     |
| CHEM 33                | CHEM 421  | X*   |      |      |      |      |      |      |     |
| CENG 7&7L              | ENGR 312  |      | X    |      |      |      |      |      |     |
| CENG 10&10L            | -   |      | X    |      |      |      |      |      |     |
| CENG 20&20L            | GEOL 300&301                                      |      | X    |      |      |      |      |      |     |
| CENG 41                | ENGR 420  |      | X    |      |      |      | X    | X    |     |
| CSEN 10&10L            | CISP 300 or 360<br>or 400 or 401                  |      |      | X    | X    | X    | X    |      | X   |
| CSEN 11&11L            | CISP 400  |      |      | X    | X    | X    |      |      | X   |
| CSEN 12&12L            | CISP 430  |      |      | X    | X    | X    |      |      | X   |
| CSEN 20&20L            | CISP 310  |      |      | X    |      |      |      |      |     |
| ECEN/CSEN<br>21&21L    | -   |      |      | X    | X    | X    | X    |      |     |
| ECEN 50&50L            | ENGR 400  | X    |      | X    | X    | X    | X    | X    |     |
| MATH 11                | MATH 400  | X    | X    | X    | X    | X    | X    | X    | X   |
| MATH 12                | MATH 401  | X    | X    | X    | X    | X    | X    | X    | X   |
| MATH 13                | MATH 402 (only<br>if MATH 400 &<br>401 completed) | X    | X    | X    | X    | X    | X    | X    | X   |
| MATH 14                | MATH 402 (only<br>if MATH 400 &<br>401 completed) | X    | X    | X    | X    | X    | X    | X    | X   |
| MATH 22 or<br>AMTH 106 | MATH 420  | X    | X    | X    | X    | X    | X    | X    |     |
| MATH 51 or<br>CSEN 19  | -   |      |      | X    | X    | X**  |      |      |     |
| MATH 53                | MATH 510  |      |      | X    | X    |      |      |      |     |
| MECH 10L               | ENGR 312  | X*   |      |      |      |      | X    | X    |     |
| MECH 11                | -   |      |      |      |      |      | X    | X    |     |
| MECH 15&15L            | ENGR 412  |      |      |      |      |      | X    | X    |     |
| MECH 45&45L            | -   |      |      |      |      |      |      | X    |     |

|  |                         |   |   |   |   |     |   |   |  |
|--|-------------------------|---|---|---|---|-----|---|---|--|
| PHYS 31  | PHYS 411                | X | X | X | X | X   | X | X |  |
| PHYS 32  | PHYS 431                | X | X | X | X | X   | X | X |  |
| PHYS 33  | PHYS 421                | X | X | X | X | X   | X | X |  |
| PHYS<br>31,32,33,34  | PHYS 411 & 421<br>& 431 |   |   |   |   | X** |   |   |  |
| <p>*BIOE: CHEM 32 for Biomolecular and Premed Tracks, CHEM 33 for Premed Track, MECH 10L for Medical Device Track<br/> **ELEN: PHYS 34 OR MATH 51<br/> ***For WDE, not required but recommended<br/> A "-" indicates that an equivalent course has not been approved at time of publication.</p> |                         |   |   |   |   |     |   |   |  |
| <b>Abbreviations and Links:</b>  |                         |   |   |   |   |     |   |   |  |
| <a href="#">BIOE = Bioengineering</a>  |                         |   |   |   |   |     |   |   |  |
| <a href="#">CENG = Civil, Environmental and Sustainable Engineering</a>  |                         |   |   |   |   |     |   |   |  |
| <a href="#">CSEN = Computer Science and Engineering</a>  |                         |   |   |   |   |     |   |   |  |
| <a href="#">ECEN = Electrical and Computer Engineering</a>   |                         |   |   |   |   |     |   |   |  |
| <a href="#">ELEN = Electrical Engineering</a>  |                         |   |   |   |   |     |   |   |  |
| <a href="#">ENGR = General Engineering</a>   |                         |   |   |   |   |     |   |   |  |
| <a href="#">MECH = Mechanical Engineering</a>  |                         |   |   |   |   |     |   |   |  |
| <a href="#">WDE = Web Design and Engineering</a>   |                         |   |   |   |   |     |   |   |  |

### Additional notes:

- Consult the current Undergraduate Bulletin for Advanced Placement and High-Level International Baccalaureate test credit equivalencies under Chapter 8: Academic Credit Evaluation at <https://www.scu.edu/bulletin/undergraduate-bulletin/>.
- Consult the Santa Clara University Undergraduate Bulletin for additional requirements in a major. The Bulletin can be found at: <https://www.scu.edu/academics/course-catalogs/undergraduate-bulletin/>
- Once students are admitted to Santa Clara University, they must abide by the policies, regulations and other requirements outlined in the Undergraduate Bulletin for their cohort year.
- **Per SCU policy, transfer credit earned after enrollment cannot satisfy University Core, major or minor requirements.** Refer to the SCU Undergraduate Bulletin for additional transfer credit restrictions.
- This guide is to be used by transfer applicants, not First-Year (aka: freshmen) applicants. Admitted First-Year students must complete the following Core requirements at SCU: Critical Thinking & Writing 1 and 2; Cultures & Ideas 1 and 2; Religion Theology & Culture 1, 2 and 3 (taken in sequence order at SCU); Civic Engagement; Science, Technology & Society; Experiential Learning for Social Justice; Advanced Writing; and four Pathway courses.

For questions regarding transfer credit or test credit, contact the Transfer Record Analyst at:  
[Transfercredit@scu.edu](mailto:Transfercredit@scu.edu).

Disclosure: The information contained in this document is to be used as a guide for the purpose of admissions into Santa Clara University. This information is reviewed periodically and the date of the most recent update is noted in the bottom right-hand corner of this guide. Students are responsible to make sure that any courses taken are listed on this guide at the time of actual enrollment. Transferability is not guaranteed and is up to our discretion, largely based upon the Santa Clara University core curriculum in effect at the time of admission.