

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*

# Irvine Valley 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 3A or 3AH and MATH 3B or 3BH or MATH 11
  - *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 1 or 1H and ECON 2 or 2H
- Accounting: ACCT 1A and ACCT 1B or 1BH
  
- 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 3A or 3AH and MATH 3B or 3BH
- One natural science course with a lab: CHEM 1A or 1AH
- Two Calculus-based Physics courses: PHYS 4A and PHYS 4B
  - Web Design Engineering majors are not required to complete CHEM 1A or 1AH, PHYS 4A & 4B. 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 Irvine Valley College UC transferrable courses to transfer for credit: English As a Second Language, Intercollegiate Athletics, Kinesiology, and Kinesiology Adapted. To view all Irvine Valley 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.

Irvine Valley College Course
WR 1 or 1H: College Writing 1

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

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

Irvine Valley College Course
WR 2 or 2H College Writing 2: Critical Thinking, Writing



## 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.

Irvine Valley College Course
AJ 2: Introduction to Administration of Justice
ANTH 4: Native American Cultures
ANTH 7: Native Americans of Southern California
ARTH 25: Art History Survey I- Western
ARTH 26: Art History Survey II- Western
ARTH 28: Contemporary Art History
ARTH 29: 19 <sup>th</sup> and 20 <sup>th</sup> Century Art
ARTH 30: Renaissance and Baroque Art
ARTH 31: Medieval Art
ARTH 33: American Art
FILM 72 or 72H: Film and American Culture
GEOG 38: California Geography
HIST 10: The West and the World to 1500
HIST 11: The West and the World since the Renaissance
HIST 20: American History Through the Civil War
HIST 21: American History Since the Civil War
HIST 24: American After the Bomb- 1945 to the Present
HIST 25: History of California
HIST 30: History of Ethnicity and Culture in the United States
HUM 2: The Culture of Ancient Greece and Rome
HUM 3: The Culture of Medieval and Renaissance Europe
HUM 50: Mythology
HUM 72 or 72H: Film and American Culture
LIT 20: Survey of British Literature to 1776
LIT 21: British Literature- Blake to the Present

LIT 22 American Literature through the Civil War
LIT 23 American Literature since the Civil War
MUS 27: History of Jazz
MUS 28: History of Rock Music
PHIL 10: Ancient Philosophy
PHIL 11: Modern Philosophy
PS 1 or 1H: American Government
PS 3: California Government and Politics

**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>Irvine Valley College Course</b>
ANTH 2 or 2H: Cultural Anthropology
ANTH 3: Culture and Language
ANTH 13: Magic, Witchcraft and Religion
ARTH 22: Survey of Asian Art
ARTH 23: African, Oceanic, and Indigenous American Art
ARTH 24: Ancient Art
ARTH 27: Art History Survey III- Non-Western
ARTH 32: History of World Architecture
COMM 9: Intercultural Communication
ECON 13: Global Economics
GEOG 2: Cultural Geography
GEOG 3 or 3H: World Geography
GEOG 20 Global Environmental Issues
GLBL 1: Introduction to Global Studies
GLBL 2: Introduction to Global Issues
HIST 1 or 1H: The History of World Civilizations to 1500
HIST 2: The History of World Civilizations since 1500
HIST 40: The History of East Asia Before 1800
HIST 41: The History of East Asia Since 1800
HUM 4: The Culture of the Modern World- 1700 to the Present
HUM 6 Culture, Art, and Technology in Contemporary Global Context
HUM 21: Intro to Asian Religions
HUM 22: Intro to Judaism, Christianity and Islam
HUM 27: World Religions
JA 21: Intro to Japanese Culture
MGT 68: Introduction to International Business
MUS 21: World Music
PS 6: Politics and Government of the Middle East
PS 12 or 12H: Comparative Politics

PS 14 or 14H: International Relations
PS 17: Latin American Politics and Government
PS 41: The History of East Asia Since 1800
SOC 2: Social Problems
SOC 3: Global Sociology- Forces of Change in the Modern World System
TA 25 or 25H: Great Plays- Primitive to Renaissance
TA 26 or 26H: Great Plays- Renaissance to Contemporary

## 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 an Irvine Valley 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.*

Irvine Valley College Course	SCU course equivalency
ASL 21: Beginning American Sign Language I	TRCR 31
ASL 22: Beginning American Sign Language II	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
ASL 23: Intermediate American Sign Language	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
ASL 24: Intermediate American Sign Language II	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent

CHI 1: Beginning Chinese I	CHIN 1
CHI 2: Beginning Chinese II	CHIN 3 (satisfies Core 2 <sup>nd</sup> Lang)
CHI 3: Intermediate Chinese I	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
CHI 4: Intermediate Chinese II	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
FR 1 or 1H: Beginning French I	FREN 1
FR 2: Beginning French II	FREN 3 (satisfies Core 2 <sup>nd</sup> Lang)
FR 3: Intermediate French	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
FR 4: Intermediate French	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
FR 10: Intermediate Conversational French	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
FR 11: Advanced Conversational French	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
JA 1 or 1H: Beginning Japanese I	JAPN 1
JA 2 or 2H: Beginning Japanese II	JAPN 3 (satisfies Core 2 <sup>nd</sup> Lang)
JA 3: Intermediate Japanese I	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
JA 4: Intermediate Japanese II	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
JA 10: Intermediate Conversational Japanese	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
SPAN 1 or 1H: Beginning Spanish I	SPAN 1
SPAN 2 or 2H: Beginning Spanish II	SPAN 3 (satisfies Core 2 <sup>nd</sup> Lang)
SPAN 3: Intermediate Spanish I	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
SPAN 4: Intermediate Spanish II	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
SPAN 10: Intermediate Conversational Spanish	TRCR 33: Satisfies 2 <sup>nd</sup> lang, but no course equivalent
SPAN 11: Advanced Conversational Spanish	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 11 OR MATH 3A or 3AH and 3B or 3BH. \*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 3A or 3AH and 3B or 3BH. 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/>

Irvine Valley College Course	SCU Course Equivalency
ECON 10 or 10H: Statistics for Business and Economics OR MATH 10: Introduction to Statistics OR MGT 10 or 10H: Statistics for Business and Economics	MATH 8 (or OMIS 40 for Business majors)
MATH 3A or 3AH: Analytic Geometry and Calculus I	MATH 11
MATH 3B or 3BH: Analytic Geometry and Calculus II	MATH 12
MATH 5: Mathematics for Liberal Arts Studies OR MATH 20: Mathematics for Elementary Teachers	MATH 4 ( <i>B.A. majors only</i> )
MATH 11: A Brief Course in Calculus	MATH 30 ( <i>Recommended for Business majors</i> )

**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.

Irvine Valley College Course
HUM 20 Religion and the Quest for Meaning
HUM 27 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.

Irvine Valley College Course
PHIL 2: 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.

Irvine Valley College Course
ASL 15 American Deaf Culture
ETHN 10 or 10H: Introduction to Ethnic Studies
ETHN 20: Introduction to Asian American Studies
ETHN 30 Introduction to Chicanx Studies
ETHN 40 Introduction to African American Studies
ETHN 60 Introduction to Latinx Studies
GS 10: Introduction to Women, Gender, and Sexuality Studies
GS 20: Gender and Contemporary Society
GS 50 Introduction to LGBTQ+ Studies
HIST 30: History of Ethnicity and Culture in the United States
HIST 33: The History of the Mexican American People
HIST 51 or 51H: Women in American History
HUM 10: Introduction to Cultural Studies
JA 23: Japanese Anime and Manga
LIT 45: Women in Literature
LIT 46: Ethnicity in Literature of The United States
SOC 20 or 20H: Race and Ethnic Group Relations

## 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.

Irvine Valley College Course
ART 40: 2-D Design and Color
ART 41: 3D Design
ART 42: Color Theory
ART 50: Beginning Oil Painting
ART 51: Intermediate Painting
ART 52: Advanced Painting
ART 53: Beginning Life Painting
ART 54: Life Painting II
ART 55: Life Painting III: Modern Expressionism in Painting
ART 60: Intro to Printmaking
ART 61: Intermediate Printmaking
ART 62: Printmaking: Painterly Techniques
ART 64: Printmaking: Alternative Process
ART 70: Ceramics I
ART 71: Ceramics II
ART 72: Ceramics III
ART 75: Sculpture I
ART 76: Life Sculpture I
ART 80: Drawing Fundamentals
ART 81: Representational Drawing
ART 82: Advanced Drawing
ART 83 Perspective Drawing
ART 85: Life Drawing I
ART 86: Advanced Life Drawing
ART 88: Figure Drawing for Animation
ART 91: Portfolio Development
ART 183: Perspective Drawing
DNCE 1: Introduction to Dance
DNCE 3: Middle Eastern Dance Fundamentals
DNCE 6: Ballet I
DNCE 7: Ballet II
DNCE 12: Modern Dance I
DNCE 13: Modern Dance II
DNCE 16 Jazz Dance IV

DNCE 17: Jazz Dance I
DNCE 18: Jazz Dance II
DNCE 19: Jazz Dance: Commercial and Contemporary
DNCE 20 Jazz Dance V
DNCE 22: Tap Dance I
DNCE 23: Tap Dance II
DNCE 24 Tap: Traditional Broadway Basics
DNCE 25 Tap: Beginning Rhythm Technique and Intermediate Broadway Steps
DNCE 26: Intermediate Tap Techniques and Improvisation
DNCE 27 Hip Hop III
DNCE 30: African Dance - Overview
DNCE 33: Middle Eastern Dance I
DNCE 34: Middle Eastern Dance II
DNCE 35: Folk Dances of Egypt and Lebanon
DNCE 36 Ballroom Dance: Overview of Styles
DNCE 37: Intermediate Ballroom
DNCE 38: Ballroom- Latin Dances
DNCE 39: Ballroom- American Smooth
DNCE 40 Hip Hop I
DNCE 41 Hip Hop II
DNCE 42 Hip Hop IV
DNCE 55: Choreography I
DNCE 57: Choreography Projects
DNCE 58: Choreography for Competitions
DNCE 60: African: Dance and Drumming
DNCE 61 Pan-African Dance/The Diaspora
DNCE 62: West African Dance: Empire of Mali
DNCE 65C: Dance Rehearsal and Performance – Production Overview C
DNCE 67C Dance Rehearsal and Performance-Solos to Various Groups C
DNCE 68: Dance Competition
DNCE 69: Intro to Dance Ensemble Practices
DNCE 70: IVC Performing Dance Ensemble
DNCE 71: Dance Assistant
DNCE 72: Aerial, Acrobatic, Partnering Techniques
DNCE 73: Performing Dance Ensemble – Community Outreach
DNCE 74: Aerial, Acrobatic, Partnering Techniques II
DNCE 75: Improvisation I
DNCE 76: Aerial, Acrobatic, Partnering Techniques III
DNCE 77: Dance History: Twentieth Century
DNCE 78: Dance Appreciation
DNCE 79: Aerial, Acrobatic, Partnering Techniques IV
DNCE 85: Music for Dance
DNCE 86: Condition and Correct: Body Alignment
DNCE 87: Condition and Correct: Mind-Body Techniques
DNCE 88 Condition and Correct: Mind-Body Techniques
DNCE 90 Dance Training: Theraband Resistance Workout
DNCE 92: Dance Training: Floor Barre
DNCE 93 GYROKINESIS (R): Art of Exercising and Beyond, Overview
DNCE 94 GYROKINESIS (R): 90 Minute Format
DNCE 95 GYROKINESIS (R): 60 Minute Format and Other Sequences



DNCE 96 GYROKINESIS (R): Alternative Formats and Music
DNCE 97: Gyrokinesis (R) The Art of Exercising and Beyond
DMP 20: Basic Model Making
DMP 22: Advanced Model Making II
DMP 40: 3D Rapid Model Making and Prototype Development I
DMP 41: 3D Rapid Model Making and Prototype Development II
DMA 10: Introduction to Digital Media
DMA 12 Introduction to Digital Media Art: Vector Illustration
DMA 40: Digital 2D Design and Color Theory
DMA 51: Beginning Digital Photography
DMA 52: Intermediate Digital Photography
DMA 55 Beginning Graphic Design
DMA 56 Intermediate Graphic Design
DMA 60: Print Media Design and Production
DMA 62 Motion Design
DMA 65: Typography
DMA 70: Digital Video Production
DMA 75: Experimental Video
DMA 80: Visual Storytelling
DMA 85: Visual Storytelling
DMA 91 Portfolio Development
DR 50: Introduction to Computer-Aided Drafting
DR 52: Engineering Drawing and Design
WR 10: Intro to Creative Writing
WR 11: Writing Short Fiction
WR 13: Writing Poetry
WR 14: Intermediate Poetry Writing
WR 15: Introduction to Screenwriting for Film/TV
WR 16: Writing Creative Nonfiction
WR 17: Intermediate Screenwriting
IMA 20 Writing for Games and Interactivity
IMA 22: Visual Scripting for Games
IMA 27: Environmental Texturing and Lighting
IMA 30: 3D Animation
IMA 35: Future Gaming and Toy Design
IMA 40: Introduction to Game Design
IMA 46: Concept Design and Visual Development
IMA 79: Character Design and Layout
IMA 88: 3D Character Animation II
IMA 89: Rigging for 3D Animation
IMA 90: Organic Modeling
IMA 94: Portfolio Development-Environmental Design
IMA 96: 2D Animation II
IMA 98: 3D Modeling for Games
IMA 99: Game Design II
MUS 3: Harmony I
MUS 4: Harmony II
MUS 5: Harmony III
MUS 6: Harmony IV
MUS 7: Pop Song Writing

MUS 38: Irvine Valley Chorale
MUS 39: Irvine Valley Master Chorale
MUS 40: Wind Symphony
MUS 42: Symphony Orchestra
MUS 44: Guitar Performance Ensemble
MUS 46: Jazz Ensemble
MUS 50: Applied Music- Instrumental
MUS 51: Applied Music- Keyboard
MUS 52: Applied Music- Voice
MUS 53: Applied Music Performance Workshop
MUS 54: Piano I
MUS 55: Piano II
MUS 56: Piano III
MUS 57: Piano IV
MUS 59: Piano Performance and Ensemble
MUS 62: Collaborative Piano
MUS 63 Chamber Music
MUS 65: Piano Accompanying
MUS 80: Voice I
MUS 81: Voice II
MUS 82: Voice III
MUS 83: Classical Guitar I
MUS 84: Classical Guitar II
MUS 85: Classical Guitar III
MUS 86: Classical Guitar IV
MUS 87: Jazz and Popular Voice
PHOT 51: Beginning Digital Photography
PHOT 52: Intermediate Digital Photography
TA 1: Acting
TA 2: Beginning Scene Study
TA 3: Advanced Scene Study
TA 4: Acting Styles- Classical
TA 5: Acting Styles- Contemporary
TA 7: Screen Acting Techniques
TA 8: Advanced Acting
TA 9: Musical Revue
TA 10: Musical Theatre Workshop
TA 12: Directing
TA 15: Rehearsal and Performance- Drama
TA 15A: Introduction to Rehearsal and Performance- Drama
TA 15B: Continuation of Rehearsal and Performance- Drama
TA 16: Rehearsal and Performance- Comedy
TA 16A: Introduction to Rehearsal and Performance- Comedy
TA 16B: Continuation of Rehearsal and Performance- Comedy
TA 17: Rehearsal and Performance- Mixed Genres
TA 17A: Introduction to Rehearsal and Performance- Mixed Genres
TA 17B: Continuation of Rehearsal and Performance- Mixed Genres
TA 18: Rehearsal and Performance- Dance
TA 18A: Introduction to Rehearsal and Performance- Dance
TA 18B: Continuation of Rehearsal and Performance- Dance

TA 19: Rehearsal and Performance- Musical Theatre
TA 19A: Introduction to Rehearsal and Performance- Musical Theatre
TA 19B: Continuation of Rehearsal and Performance- Musical Theatre
TA 29: Script Analysis
TA 29H: Scrip Analysis: Honors
TA 30: Introduction to Oral Interpretation
TA 35: Voice and Dictation
TA 40: Intro to Theatre Design
TA 41: Stage Lighting Design
TA 42: Costume Design
TA 43: Scenic Design for the Theatre
TA 44: Stagecraft
TA 45: Scene Painting
TA 46: Introduction to Technical Theater
TA 47: Sound Reinforcement for Live Entertainment
TA 49: Stage Makeup Design
TA 51: Stage Management Practicum
TA 52: Stage Management Seminar
TA 53: Advanced Stage Management
TA 54: Special Topics in Stage Management
TA 61: Theater Crew: Scenic
TA 62: Theater Crew: Costume
TA 63: Theater Crew: Lighting
TA 64: Theater Crew: Audio/Video
TA 65: Theater Crew: Make-Up
TA 71: Costume Sewing
TA 72: Costume Sewing and Production
TA 73: Costume Sewing, Production, and Wardrobe
TA 74: Scene Shop Basics
TA 75: Scenic Production Practicum
TA 76: Scenic Production and Performance Practicum

## 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 1A or 1AH; PHYS 4A & 4B. Note: Web Design & Engineering major completes one course to satisfy Natural Science core requirement. It is recommended to complete CHEM 1A or 1AH. 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 an Irvine Valley 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>Irvine Valley College Course</b>	<b>SCU Course Equivalency</b>
ANTH 1 or 1H Introduction to Biological Anthropology AND ANTH 1L Physical Anthropology Lab	TRCR 18
ASTR 25: Observational Astronomy w/Lab	TRCR 18
BIO 1&1L or 1H&1L: The Life Sciences w/Lab	TRCR 18
BIO 2: Plant Biology w/Lab	TRCR 18
BIO 5: Animal Biology w/Lab	TRCR 18
BIO 10: Biochemistry for Health Sciences w/Lab	TRCR 18
BIO 11: Human Anatomy w/Lab	TRCR 18
BIO 12: Human Physiology w/Lab	TRCR 18
BIO 15: General Microbiology w/Lab	TRCR 18
BIO 16: Cellular Biology w/Lab	TRCR 18
BIO 19 or 19H: Marine Biology w/Lab	TRCR 18
BIO 21: Human Anatomy and Physiology w/Lab	TRCR 18
BIO 55: Introduction to Ecology: Theory and Application w/Lab	TRCR 18
BIO 80 or 80H: Integrated Biology: Organisms to Ecosystems w/Lab	TRCR 18
BIO 81 or 81H: Integrated Biology: From DNA to Organisms w/Lab	TRCR 18
BIO 82: Genetics w/Lab	TRCR 18
BIO 83: Biochemistry and Molecular Biology w/Lab	TRCR 18
BIOT 70&70L: Introduction to Biotechnology Laboratory w/Lab	TRCR 18
CHEM 1A or 1AH: General Chemistry I w/Lab	CHEM 11
CHEM 1B: General Chemistry II w/Lab	CHEM 12&50
CHEM 3: Fundamental Chemistry w/Lab	TRCR 18
CHEM 4: Introduction to General & Organic Chemistry & Biochemistry w/Lab	TRCR 18
CHEM 12A: Organic Chemistry w/Lab	CHEM 31
CHEM 12B: Organic Chemistry w/Lab	CHEM 33 (If CHEM 12A & CHEM 12B completed, equates to SCU's CHEM 31, 32 & 33 sequence)
ERTH 20: Introduction to Earth Science w/Lab	TRCR 18
GEOG 1&1L Earth's Natural Environment w/Lab	TRCR 18
GEOL 1: Physical Geology w/Lab	TRCR 18

GEOL 2: Historical Geology w/Lab	TRCR 18
GEOL 22: Earth History w/Lab	TRCR 18
GEOL 23: Natural Disasters w/Lab	TRCR 18
MS 20: Introduction to Oceanography w/Lab	TRCR 18
PHYS 2A: Introduction to Physics w/Lab	PHYS 11 or TRCR 18
PHYS 2B: Introduction to Physics w/Lab	TRCR 18
PHYS 4A: General Physics w/Lab	PHYS 31
PHYS 4B: General Physics w/Lab	PHYS 33 (If PHYS 4A, 4B & 4C completed, equates to SCU's PHYS 31, 32, & 33)
PHYS 4C: General Physics w/Lab	TRCR 18
PHYS 20 Conceptual Physics w/Lab	TRCR 18

## SOCIAL SCIENCE:

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

**Leavey School of Business:** Complete both ECON 1 or 1H and 2 or 2H 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.

Irvine Valley College Course
ANTH 9: Intro to Archaeology
ECON 1 or 1H: Principles of Economics- Micro ( <i>required for Business majors</i> )
ECON 2 or 2H: Principles of Economics- Macro ( <i>required for Business majors</i> )
ECON 6: Environmental and Resource Economics
ECON 20 or 20H: Introductory Economics
ENV 6: Environmental and Resource Economics
PS 1 or 1H: American Government
PS 3: California Government and Politics
PS 4: Intro to Political Science
PSYC 1 or 1H: Intro to Psychology
PSYC 2: Research Methods in Psychology
PSYC 3 or 3H: Physiological Psychology
SOC 1 or 1H: Introduction to Sociology

**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.

Irvine Valley College Course
ANTH 2 or 2H: Cultural Anthropology
ANTH 3: Culture and Language
ANTH 13: Magic, Witchcraft and Religion
ARTH 22: Survey of Asian Art
ARTH 23: African, Oceanic, and Indigenous American Art
ARTH 24: Ancient Art
ARTH 27: Art History Survey III- Non-Western
ARTH 32: History of World Architecture
COMM 9: Intercultural Communication
ECON 13: Global Economics
GEOG 2: Cultural Geography
GEOG 3 or 3H: World Geography
GEOG 20 Global Environmental Issues
GLBL 1: Introduction to Global Studies
GLBL 2: Introduction to Global Issues
HIST 1 or 1H: The History of World Civilizations to 1500
HIST 2: The History of World Civilizations since 1500
HIST 40: The History of East Asia Before 1800
HIST 41: The History of East Asia Since 1800
HUM 4: The Culture of the Modern World- 1700 to the Present
HUM 6 Culture, Art, and Technology in Contemporary Global Context
HUM 21: Intro to Asian Religions
HUM 22: Intro to Judaism, Christianity and Islam
HUM 27: World Religions
JA 21 or 21H: Intro to Japanese Culture
MGT 68: Introduction to International Business
MUS 21: World Music
PS 6: Politics and Government of the Middle East
PS 12 or 12H: Comparative Politics
PS 14 or 14H: International Relations
PS 17: Latin American Politics and Government
PS 41: The History of East Asia Since 1800
SOC 2: Social Problems
SOC 3 or 3H: Global Sociology: Change in the Modern World System
TA 25 or 25H: Great Plays- Primitive to Renaissance
TA 26 or 26H: Great Plays- Renaissance to Contemporary

**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 1A & 1B*

Irvine Valley College Course	SCU Course equivalency
ACCT 1A: Financial Accounting	ACTG 11
ACCT 1B or 1BH: Managerial Accounting	ACTG 12

## INTRODUCTION TO BUSINESS

Irvine Valley College Course	SCU Course equivalency
MGT 1 or 1H: Introduction to Business	BUSN 70

## INFORMATION SYSTEMS

Irvine Valley College Course	SCU Course equivalency
CS 1 Introduction to Computer Systems	OMIS 34

## BUSINESS LAW

Irvine Valley College Course	SCU Course equivalency
MGT 12A or 12AH: The Legal Environment of Business	BUSN 85

## ECONOMICS

*Admission recommendations: complete both ECON 1 or 1H & ECON 2 or 2H*

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

Irvine Valley College Course	SCU course equivalency
ECON 1 or 1H: Principles of Economics - Micro	ECON 1
ECON 2 or 2H: Principles of Economics - Macro	ECON 2

## DATA ANALYSIS

Irvine Valley College Course	SCU course equivalency
ECON 10 or 10H: Statistics for Business and Economics	OMIS 40



MATH 10: Introduction to Statistics OR MGT 10 or 10H: Statistics for Business and Economics	OMIS 40 or MATH 8
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## MATHEMATICS

*Admission recommendations: complete both MATH 3A or 3AH and MATH 3B or 3BH or MATH 11*

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

Irvine Valley College Course	SCU course equivalency
MATH 3A or 3AH: Analytic Geometry and Calculus I	MATH 11
MATH 3B or 3BH: Analytic Geometry and Calculus II	MATH 12
MATH 11: A Brief Course in Calculus	MATH 30

*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 1A or 1AH	X	X	X	X	X	X	X	***
CHEM 12	CHEM 1B	X							
CHEM 31	CHEM 12A	X							
CHEM 32,32,33	CHEM 12A & 12B	X*							
CHEM 33	CHEM 12B	X*							
CENG 7&7L	ENGR 23		X						
CENG 10&10L	-		X						
CENG 20&20L	GEOL 1		X						
CENG 41	ENGR 30		X				X	X	
CSEN 10&10L	CS 36 OR CS 38			X	X	X	X		X
CSEN 11&11L	CS 37 ****			X	X	X			X
CSEN 12&12L	CS 41			X	X	X			X
CSEN 20&20L	CS 40A or 40B			X					
ECEN/CSEN 21&21L	ET 99			X	X	X	X		
ECEN 50&50L	ET 92 (must take ECEN 50L) or ENGR 70&70L	X		X	X	X	X	X	
MATH 11	MATH 3A or 3AH	X	X	X	X	X	X	X	X
MATH 12	MATH 3B or 3BH	X	X	X	X	X	X	X	X
MATH 13	MATH 4A	X	X	X	X	X	X	X	X
MATH 14	MATH 4A	X	X	X	X	X	X	X	X
MATH 22 or AMTH 106	MATH 24 or 24H	X	X	X	X	X	X	X	
MATH 51 or CSEN 19	CS 6A or 6B or MATH 30 or MATH 31			X	X	X**			
MATH 53	MATH 26			X	X				
MECH 10L	ENGR 83	X*					X	X	
MECH 11	-						X	X	
MECH 15&15L	ENGR 54 (must take MECH 15L)						X	X	

MECH 45&45L	-							X	
PHYS 31	PHYS 4A	X	X	X	X	X	X	X	
PHYS 31,32,33	PHYS 4A & 4B & 4C	X	X	X	X	X	X	X	
PHYS 33	PHYS 4B	X	X	X	X	X	X	X	
PHYS 34	-					X**			
<p>*BIOE: CHEM 32 for Biomolecular and Premed Tracks, CHEM 33 for Premed Track, MECH 10L for Medical Device Track  **ELEN: PHYS 34 OR MATH 51  ***For WDE, not required but recommended  ****Student must learn C programming on own  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.