



**SANTA ROSA JUNIOR COLLEGE**  
**IGETC for STEM (for Biology AS-T Only)**  
**Option D – 2022-2023**

| <b>General Education Area and Area Certified Courses</b>   | <b>Completed Courses (AP, IB, Other)</b> | <b>In Progress</b> | <b>Planned Courses</b> |
|--|--|--------------------|------------------------|
| <p>Courses listed in multiple (Areas 1-5) can only count in one area, with exception of the courses listed in the CSU Graduation Area (US-1 or US-2 &amp; US-3) which can be double counted in one other area as approved.</p>   |  |                    |                        |
| <p><b>AREA 1: ENGLISH COMMUNICATION</b><br/> <i>CSU- One course required from each subarea 1A, 1B, and 1C; UC: Two courses required, one each from 1A and 1B</i></p>   |  |                    |                        |
| <p><b>1A: English Composition</b><br/> <b>ENGL 1A ESL 10</b></p>   |  |                    |                        |
| <p><b>1B: Critical Thinking- English Composition</b><br/> <b>COMM 9 [F95] ENGL 5 PHIL 5</b></p>  |  |                    |                        |
| <p><b>1C: Oral Communication (Required for CSU only)</b><br/> <b>COMM 1</b></p>  |  |                    |                        |
| <p><b>AREA 2: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING (3 units)</b><br/> <i>Complete one course</i></p>   |  |                    |                        |
| <p><b>MATH 1A, 1B, 4, 9, 10, 15[F93], 16+, 25+, 27+ [F98] PSYCH 9 [F16]</b></p>  |  |                    |                        |
| <p><b>AREA 3: ARTS AND HUMANITIES (6 units)</b><br/> <i>Complete two courses including at least one from 3A and one from 3B.</i></p>   |  |                    |                        |
| <p><b>3A: Arts</b><br/> <b>ANTHRO 43 ART 1.1, 1.2, 2.1, 2.2, 2.3, 2.5[F20], 3, 4 DANCE 2 GD 15 MEDIA 4, 10,14,15, 17, 44</b><br/> <b>MUSC 6.1, 6.2, 7, 8, 9 THAR 1, 2[F05], 6[F97]</b></p>   |  |                    |                        |
| <p><b>3B: Humanities</b><br/> <b>ANTHRO 31[F07] ASL 2[S07] ARCH 2.1, 2.2, 2.3</b><br/> <b>ENGL 1B[F95], 2, 3, 7[F93], 9, 10, 11, 12[F04], 14, 22, 25[F96], 27, 30.1, 30.2, 31[F93], 33, 36, 46.1, 46.2</b><br/> <b>FREN 2, 3, 4 GERM 2[F92], 3, 4 HIST 1.1[F94], 1.2[F94], 4.1, 4.2</b><br/> <b>HUMAN 4.1, 4.2, 5, 6, 7+, 8, 14[F99], 20, 21, 22, 23, 24, 25, 26 ITAL 2, 3, 4 MEDIA 6, 17</b><br/> <b>PHIL 6, 7, 9[F97], 10, 11, 12[F97], 20, 21 RELS 1, 2, 3, 6.66, 7, 8, 15, 21, 22, 32[F97] SPAN 2, 3, 4, 40[F18], 41</b></p>   |  |                    |                        |
| <p><b>AREA 4: SOCIAL AND BEHAVIORAL SCIENCES (6 units)</b><br/> <i>Complete two courses selected from at least two disciplines or an Interdisciplinary sequence.</i></p>   |  |                    |                        |
| <p><b>ANTHRO 2, 3, 4, 21, 30[S07], 32, 34[F10] CHLD 10+[F92] COMM 7[F95], 10 COUN 7, 20[S07] ECON 1, 2, 12</b><br/> <b>GEOG 3, 7 HIST 5, 8.1, 8.2, 17.1+, 17.2+, 18.1+[F94], 18.2+[F94], 20[F92], 21[F93], 22[F92], 26, 30, 33[F96] MEDIA 6, 44</b><br/> <b>POLS 1.2,18, 25 PSYCH 1A, 3 [F91], 4+, 5[F95], 7, 8, 10[F18], 11, 15, 30, 34+, 35, 40 SOCS 12</b><br/> <b>SOC 1, 2, 3, 10+[F11],15, 30+</b></p>  |  |                    |                        |
| <p><b>AREA 5: PHYSICAL AND BIOLOGICAL SCIENCES (7-9 units)</b><br/> <i>Complete one course from each subarea 5A, 5B, and at least one that incorporates a laboratory from 5C. NOTE: AGRI 20 is only 3 units</i></p>  |  |                    |                        |
| <p><b>5A: Physical Science</b><br/> <b>ASTRON 3, (3L*), 4, (4L*), (12*#) CHEM 3A, (3AL*), 3B*, 8*, 12A*[S07], 12B*[S04], 42*[S07]</b><br/> <b>ENVS 8, 12[F08] GEOG 4, 10 [F18] (10L*) GEOL 1 1L*, 11[F07], 20 METRO 10, 10L*</b><br/> <b>PHYS 11*, 20A*, 20B*, 40*, 41*, 42* PHYSIC 21*</b></p>  |  |                    |                        |
| <p><b>5B: Biological Science</b><br/> <b>AGRI 20*[F19] ANAT 1*, 40* ANTHRO 1, 1L*, 19 BIO 2.1*, 2.2*, 2.3*, 10*, 12, 13, 14, 16*, 20, 25*, 27, 31[F16]</b><br/> <b>BOTANY 10* MICRO 5* PHYSIO 1*</b></p>   |  |                    |                        |
| <p><b>5C: Laboratory Activity*</b><br/>           At least one course from 5A or 5B must include a lab, or take a corresponding laboratory course. Courses above noted with * fulfill lab activity. #ASTRON 12 fulfills Area 5C only if taken with ASTRON 3 or 4- see also UC Limitations List</p>   |  |                    |                        |
| <p><b>AREA 6A: LANGUAGE OTHER THAN ENGLISH (Required for UC certification only)</b><br/> <b>Complete ONE of the following to demonstrate proficiency in a language other than English:</b></p> <ul style="list-style-type: none"> <li>• One of these courses at SRJC: <b>ASL 1[F96] CHIN 1[F19], 2[F19] FREN 1 GERM 1 ITAL 1 JAPAN 1 [F19], 2 [F19] SPAN 1, 40, 41</b><br/> <i>(Completion of an advanced course, such as FREN 2 or SPAN 3, validates proficiency and can be used to clear this area.)</i></li> <li>• Two years of high school coursework in one language other than English with a final term grade of "C-" or better. (Transcript must be on file with A &amp; R)</li> <li>• Score of 3 or higher on a College Board Advanced Placement (AP) Exam in a language other than English (Score must be sent to A &amp; R)</li> <li>• Satisfactory score on the SAT II Subject Test in languages other than English (Score must be on file with A &amp; R)</li> <li>• Score of 5 or higher on an International Baccalaureate (IB) Higher Level Exam in a language other than English (Score must be on file with A &amp; R)</li> <li>• Satisfactory completion of an achievement test administered by a community college, university or other college</li> <li>• Two years of formal schooling at the sixth grade level or higher with grades of "C" or better in an institution where the language of instruction is not English</li> <li>• Language other than English International "A" level exam (score of 5, 6, or 7) or "O" level exam (grade of A, B, or C)</li> <li>• Defense Language Institute language other than English course passed with "C" or higher on the official transcript</li> <li>• Faculty Verification (Verification must be on file in A &amp; R Office)</li> </ul> |  |                    |                        |
| <p><b>CSU GRADUATION REQUIREMENT IN U.S.HISTORY, CONSTITUTION, AND AMERICAN IDEALS</b><br/>           CSU transfer students complete two courses: one course from U.S. History (US-1) and one course that fulfills both U.S. Constitution and California State &amp; local Government (US-2 and US-3). This CSU graduation requirement is not part of IGETC, however, it may be completed prior transfer. All CSU's allow these courses to double-count in Area 4 if certified by SRJC. AP exams in U.S. History and U.S. Government &amp; Politics may fulfill US-1 and US-2; US-3 cannot be met with AP credit.</p>  |  |                    |                        |
| <p><b>US-1: HIST 17.1, 17.2, 18.1, 18.2, 21 US-2 + US-3: POLS 1</b></p>  |  |                    |                        |

+ Courses identified above with + denotes possible UC Transfer credit limitations. Please consult with a Counselor or click [here](#) for the UC Limitations of Transfer Credit.

## 2022-2023 IGETC NOTES

- **IGETC for STEM (Science, Technology, Engineering, Math)** applies only to specified Associate Degrees for Transfer (AS-T) in Chemistry and Biology, primarily designed for transfer to the CSU. Students may choose to complete IGETC for STEM if the AS-T program explicitly designates the option. To keep the degree within 60 units, the IGETC for STEM pattern requires one less class in Area 3 and one less class in Area 4, which will be completed after transfer. Please see a counselor for details. **NOTE: SRJC only has the Biology AS-T at present time.**
- **Effective terms** are noted after some courses, for example, CHLD 10[F92] denotes that this course must have been completed in Fall 1992 or later to meet the IGETC requirement.
- **Completion of all requirements in the Intersegmental General Education Transfer Curriculum (IGETC)** will permit a student to transfer from a community college to a campus in either the California State University or University of California system without the need after transfer to take additional lower-division General Education courses to satisfy campus General Education requirements.
- **Completion of the IGETC is not a requirement for transfer to the CSU or UC** (Click [here](#) see CSU or UC Minimum Transfer Eligibility Requirements under "Transfer Center" in the current SRJC *Catalog*), nor is it the only way to fulfill the lower-division General Education requirements of the CSU or UC prior to transfer. Depending on a student's major and field of interest, the student may find it advantageous to take courses fulfilling the CSU's GE-Breadth requirements or those of the specific UC campus or college to which the student plans to transfer. It should also be noted that there might be other CSU or UC graduation requirements in addition to IGETC.
- **On UC campuses, some colleges or schools do not accept the IGETC as complete fulfillment of lower division breadth.** In addition, the IGETC is not recommended for some majors. Please talk to your counselor about your major and target UC campuses. For the most recent articulation information, click [here to see ASSIST.org](#).
- **Advanced Placement (AP)** For more information about using Advanced Placement (AP) credit to fulfill general education requirements, please see SRJC Advanced Placement Exam Credit Worksheet by clicking [here](#).
- **International Baccalaureate (IB) scores of 5, 6, or 7 on some Higher Level exams** may fulfill IGETC requirements except in Areas 1 and 5C lab.
- **The Laboratory science requirement** must correspond to one of the lecture physical or biological science courses taken to fulfill the IGETC requirement. A student cannot use lecture courses in two subjects and a laboratory in a third subject.
- **The course requirements for all areas must be completed in order to be fully certified. All courses must be completed with grades of "C" or better or "P".** (At SRJC, P = C grade or better.)
- **Partial certification**, completing all but two (2) courses on the IGETC pattern, may be an option for some but not all students. Certain university programs may require full certification. Also, please note that minimum eligibility requirements must still be met. If you are considering partial completion, please discuss it with a counselor. There are several ways to complete the missing courses after transfer.
- **IGETC Certification:** Students must file a request for certification of IGETC with SRJC Admissions & Records.

**UC Campus Notes:** The University of California will accept SRJC courses numbered 1 - 49. However, students should not count credit earned for special topics (48) or independent study (49) toward the 60 units required for admission. The UC campus will evaluate these courses after admission. For the most recent list of UC transferable SRJC courses, click [here to see ASSIST.org](#)

| UC Campus        | NOTE: Please be sure to check ASSIST and campus websites for updates and specifics  |
|------------------|---|
| UC Berkeley      | <a href="#">College of Letters and Science GE requirements</a><br><a href="#">American Cultures Graduation Requirement</a><br><a href="#">American History and Institutions Requirement</a><br>IGETC is acceptable for all majors in the College of Letters and Science. IGETC is accepted in the College of Natural Resources; however, specific lower-division major requirements must still be satisfied. The College of Environmental Design accepts IGETC with full certification to fulfill CED's breadth requirements. The Haas School of Business does not accept IGETC. IGETC is not appropriate for the colleges of Engineering and Chemistry. Check with the college or click <a href="#">here to see ASSIST.org</a> for more information. |
| UC Davis         | All undergraduate colleges accept IGETC. However, Bachelor of Science degrees and high-unit majors often have many courses of lower-division preparation. In these cases, IGETC is not recommended, and the UCD GE pattern is the better choice.  |
| UC Irvine        | All schools accept IGETC. However, selection by the campus is based on demonstrated academic achievement and preparation for the intended major. IGETC may not be ideal for students transferring in engineering, mathematics, or science majors.   |
| UCLA             | The School of Engineering & Applied Science does not accept IGETC. The College of Letters & Science and the School of Arts & Architecture strongly encourages California community college students to complete IGETC. IGETC certification is required for admission to the Generic/Pre-licensure Nursing program. The School of Theater, Film & Television requires completion of either the School's GE requirements or IGETC for admission.  |
| UC Merced        | The School of Engineering and the School of Natural Sciences do not recommend IGETC. The School of Social Sciences, Humanities, and Arts strongly recommends completion of IGETC to meet general education requirements.  |
| UC Riverside     | The College of Engineering accepts IGETC, but additional breadth coursework may be required after enrollment. The College of Natural & Agricultural Sciences does not accept IGETC. The College of Humanities, Arts, & Social Sciences accepts IGETC. Business Administration majors must complete IGETC (recommended) or the UCR breadth pattern for the College of Humanities, Arts, & Social Sciences.   |
| UC San Diego     | IGETC is accepted by John Muir, Earl Warren, Sixth and Thurgood Marshall colleges. Although IGETC is accepted at Eleanor Roosevelt and Revelle Colleges, some additional coursework may be required after enrollment.   |
| UC Santa Barbara | IGETC is accepted by the College of Letters & Science and the College of Creative Studies. For the College of Engineering, IGETC may be used to substitute for most GE requirements, and students may wish to choose IGETC courses that concurrently satisfy a "depth requirement" prior to transfer with a year-long sequence in the history of world civilization, Western civilization, United States, Western philosophy, or Western art, or with upper division coursework after transfer.   |
| UC Santa Cruz    | IGETC is not appropriate preparation for the School of Engineering or any major in the physical and biological sciences.  |

SRJC is committed to ensuring accessibility of its website content to people with disabilities. If you need assistance with this document, please see a counselor or contact [kblackwell@santarosa.edu](mailto:kblackwell@santarosa.edu)