CUYAMACA COLLEGE
ACADEMIC PROGRAM CHANGES
December 2024
for the
2024-2025 and 2025-2026 Catalogs

COURSE ADDITIONS

Gender Studies 119 – Psychology of Gender   **3 UNITS**
Prerequisite: None
3 hours lecture
This course provides an in-depth exploration of the psychological experiences of people, with a focus on understanding how sex and gender intersect with race, ethnicity, sexuality, class, size, ability, and other identity factors. Students will engage with a comprehensive examination of the biological, historical, social, and cultural factors that influence the lives, identities, and experiences of people with diverse backgrounds. Through an intersectional lens, the course will analyze how these factors shape personalities, behaviors, worldviews, perceptions, and self-concepts. The course will focus on a variety of topics within the broader social and cultural context, including but not limited to: gender-role stereotypes; socialization practices; biological understandings of sex; as well as issues related to health, work, violence, reproduction, and caregiving. *Also listed as PSY 119. Not open to students with credit in PSY 119.*
(CSU) (AA/AS-4)

Psychology 119 – Psychology of Gender   **3 UNITS**
Prerequisite: None
3 hours lecture
This course provides an in-depth exploration of the psychological experiences of people, with a focus on understanding how sex and gender intersect with race, ethnicity, sexuality, class, size, ability, and other identity factors. Students will engage with a comprehensive examination of the biological, historical, social, and cultural factors that influence the lives, identities, and experiences of people with diverse backgrounds. Through an intersectional lens, the course will analyze how these factors shape personalities, behaviors, worldviews, perceptions, and self-concepts. The course will focus on a variety of topics within the broader social and cultural context, including but not limited to: gender-role stereotypes; socialization practices; biological understandings of sex; as well as issues related to health, work, violence, reproduction, and caregiving. *Also listed as GEND 119. Not open to students with credit in GEND 119.*
(CSU) (AA/AS-4)

Psychology 121 – Introduction to Sport, Exercise, and Performance Psychology   **3 UNITS**
Prerequisite: None
3 hours lecture
This course provides an introduction to the theoretical and practical application of psychological factors associated with sport, exercise, and performance. Topics include historical and theoretical perspectives, current theories and research in cognitive, behavioral, and social-psychological factors related to concepts of understanding athlete, coach, and spectator behavior in the sport setting. Examination of factors and social constructs influencing exercise participation, management of unhealthy behaviors, and adherence to programs focused on therapeutic benefits that help enhance overall health. Outcomes associated with performance, techniques for optimizing performance, youth, aging, and gender issues, and applications in a variety of career settings will be discussed. *Also listed as ES 121. Not open to students with credit in ES 121.*
(CSU/UC) (AA/AS-4)

Surveying 100 – Unmanned Aerial System (Drone) Technologies: Safety, Assembly, and Basic Flight   **3 UNITS**
Prerequisite: None
Recommended Preparation: The ability to communicate via reading and writing. Basic ability to use computers.
1.5 hours lecture, 4.5 hours laboratory
An introduction to using drones in the field of surveying. Students will learn about FAA regulations to fly commercial drones, safety considerations for operating at a site, how to transport, assemble, and disassemble a drone, and obtain stick time operating and supporting the operation of a drone.
(CSU)

Surveying 101 – Unmanned Aerial System (Drone) Technologies: Data Acquisition and Advanced Flight   **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in SURV 100 or equivalent
Recommended Preparation: The ability to communicate via reading and writing. Basic ability to use computers.
1.5 hours lecture, 4.5 hours laboratory
An introduction to using drones to collect data in the field of surveying. Students will learn about different drone payloads used in the surveying field, create flight plans to collect surveying data, manage the collection of surveying data, and quality assurance of data.
(CSU)

Surveying 102 – Unmanned Aerial System (Drone) Technologies: Mapping and Surveying Deliverables   **3 UNITS**
Prerequisite: "C" grade or higher or "Pass" in SURV 101 and SURV 218 or equivalent FAA Certified Remote Pilot License
Recommended Preparation: The ability to communicate via reading and writing. Basic ability to use computers.
1.5 hours lecture, 4.5 hours laboratory
The culmination of the Unmanned Aerial System Technologies courses, students will learn how to process collected data from drones to create deliverables for the surveying industry. Students will combine their knowledge from previous courses to complete a mock industry project. The projects will demonstrate the ability of the students to complete an industry project from the start to finish.
(CSU)

COURSE MODIFICATIONS

The following reflect changes in subject designator, course number and/or title, prerequisite/corequisite/recommended preparation, units, hours, and/or course description. Other areas (e.g., course objectives, course content, student learning outcomes, etc.) may also have been modified to meet Title 5 standards (reflected as "*Review and update of course outline*"). These modifications have been carefully reviewed by the Curriculum, General Education and Academic Policies and Procedures Committee.

PRESENT	PROPOSED CHANGES TO AREAS AS INDICATED
Effective fall 2025 except where noted	
Art 121 – Painting I	*Review and update of course outline*
Art 129 – Three Dimensional Design	*Review and update of course outline*
Art 135 – Watercolor I	*Review and update of course outline*
Art 220 – Painting II	*Review and update of course outline*
Art 221 – Painting III	*Review and update of course outline*
Art 222 – Painting IV	*Review and update of course outline*
Art 230 – Figure Drawing I	*Review and update of course outline*
Art 231 – Figure Drawing II	*Review and update of course outline*
Art 232 – Figure Drawing III	*Review and update of course outline*
Art 233 – Figure Drawing IV	*Review and update of course outline*
Art 235 – Watercolor II	*Review and update of course outline*
Art 236 – Watercolor III	*Review and update of course outline*
Art 241 – Illustration I	*Review and update of course outline*
Art 242 – Illustration II	*Review and update of course outline*
Child Development 106 – Practicum: Beginning Observation and Experience	*Review and update of course outline*
Child Development 124 – Infant and Toddler Development Study of infants and toddlers, ages 0-3, focusing on the development of social-emotional, cognitive, language, and motor domains including variations due to linguistic, cultural, socioeconomic, and special needs. Emphasis is on development as it relates to care in a group setting. Theories and current issues related to group care and appropriate methods of guidance and socialization are examined. Focuses on the importance of the cultural context as it relates to meeting individual needs and building positive relationships with both child and family.	Study of infants and toddlers, ages 0-3, focusing on the development of the brain, social-emotional, cognitive, language, and motor domains including variations due to linguistic, cultural, socioeconomic, and special needs. Emphasis is on development as it relates to care in a group setting. Theories and current issues related to group care and developmentally appropriate methods of guidance and socialization are examined. Focuses on the importance of the cultural context as it relates to meeting individual needs and building positive relationships with both child and family.
Child Development 126 – Art for Child Development Prerequisite: None	Prerequisite: "C" grade or higher or "Pass" in CD 125
Child Development 130 – Curriculum: Design and Implementation	*Review and update of course outline*
Child Development 132 – Observation and Assessment: Field Experience Seminar	*Review and update of course outline*
Child Development 143 – Responsive Planning and Infant/Toddler Care	*Review and update of course outline*

PRESENT	PROPOSED CHANGES TO AREAS AS INDICATED
Communication 145 – Argumentation Prerequisite: "C" grade or higher or "Pass" in English 120 or ESL 122 or equivalent Study of the construction and analysis of public argument. Covers the theory of argument, the processes and development of arguments, and the application of argument to decision making. Topics include: methods of critical inquiry and advocacy; identifying fallacies in reasoning and language; the process of inquiry-driven research; testing evidence and evidence sources; advancing a reasoned position; and defending and refuting arguments. Analysis, presentation, and evaluation of oral and written arguments are emphasized.	Prerequisite: "C" grade or higher or "Pass" in ENGL C1000 or ESL 122 or equivalent Study of the construction and analysis of public argument. Covers the theory of argument, the processes and development of arguments, and the application of argument to decision making. Topics include: methods of critical inquiry and advocacy; identifying fallacies in reasoning and language; the process of inquiry-driven research; testing evidence and evidence sources; advancing a reasoned position; and defending and refuting arguments. Analysis, presentation, and evaluation of oral and written arguments are emphasized. Students will employ argumentation theory and critical reasoning to construct detailed written essays based on inquiry-driven research, methods of analysis, evidence use, and ethical advocacy.
Computer and Information Science 120 – Computer Maintenance and A+ Certification Preparation for the A+ Certification exam, an industry-sponsored test that establishes a benchmark level of knowledge and competence expected of computer service technicians in entry-level positions. A+ Certification also serves as the foundation for computer service professionals who are pursuing other valuable industry certifications such as the Cisco Certified Networking Associate (CCNA), Network+, and Microsoft Certified Professional (MCP). Students will gain a comprehensive knowledge base in computer hardware, DOS and Windows operating systems, networking basics, printers, and customer service. Hands-on labs using the latest computer components and operating systems provide an opportunity for students to enhance their skills in assembling, disassembling, servicing, troubleshooting, and upgrading advanced computer and networking systems.	Preparation for the A+ Certification exam, an industry-sponsored certification exam that establishes a benchmark level of knowledge and competence expected of computer service technicians in entry-level positions. A+ Certification also serves as the foundation for computer service professionals who are pursuing other valuable industry certifications such as the Cisco Certified Networking Associate (CCNA), Network+, Security+ and Microsoft Certified Professional (MCP). Students will gain a comprehensive knowledge base in computer hardware, and Windows operating systems, networking basics, printers, industry soft skills and customer service. Hands-on labs using the latest computer components and operating systems provide an opportunity for students to enhance their skills in assembling, disassembling, servicing, troubleshooting, and upgrading advanced computer and networking systems.
Computer and Information Science 125 – Network+ Certification	*Review and update of course outline*
Computer and Information Science 170 – Internet of Things (IoT) – Connecting Things	*Review and update of course outline*
Engineering 119 – Basic Engineering CAD	*Review and update of course outline*
Engineering 199 – Special Studies or Projects in Engineering	*Review and update of course outline*
Engineering 218 – Plane Surveying Prerequisite: "C" grade or higher or "Pass" in MATH 170 or MATH 176, or equivalent or concurrent enrollment	Prerequisite: None
Engineering 230 – Basics of Mechatronics	*Review and update of course outline*
English 271 – World Literature II Prerequisite: None Recommended Preparation: "C" grade or higher or "Pass" in ENGL 120 or equivalent	Prerequisite: Placement into ENGL C1000 and/or ESL 122 or the equivalent Recommended Preparation: None
Ethnic Studies 120 – Introduction to Ethnic Studies An interdisciplinary study of the major concepts in the study of race and racism in the United States. Centering Native American, Black American, Asian American, Latina/x/o American experiences, this course compares and relates the histories, struggle, resistance, and contributions of these groups. Major emphasis is on understanding how racial and ethnic power dynamics contribute to social inequities and how communities draw from solidarity and fight the power.	An interdisciplinary study of the major concepts in the study of race and racism in the United States. Centering Native American, Black American, Asian American, Latina/x/o American experiences, this course compares and relates the histories, struggles, resistances, and contributions of these groups. Major emphasis is on understanding how racial and ethnic power dynamics contribute to social inequities and how communities draw from solidarity and fight the power.

PRESENT	PROPOSED CHANGES TO AREAS AS INDICATED
Ethnic Studies 145 – Introduction to Black Studies This course is an overview of Black Studies including origins of the discipline and general knowledge of Black experiences. Emphasis is placed on providing students with an understanding of the fundamental areas of study within the field and of the interdisciplinary approach to studying the African experience in America and the world.	This course is an overview of Black Studies, including origins of the discipline and general knowledge of Black experiences. Emphasis will be on the development of African American Studies and its frameworks such as Afrocentricity and intersectionality, contributions and creations from the Black community, structural impacts on the community, and historical and contemporary issues through struggle and resistance.
Exercise Science 008A – Beginning Indoor Cycling	*Review and update of course outline*
Exercise Science 008B – Intermediate Indoor Cycling	*Review and update of course outline*
Exercise Science 008C – Advanced Indoor Cycling	*Review and update of course outline*
Exercise Science 121 – Introduction to Sport, Exercise, and Performance Psychology This course provides an introduction to the theoretical and practical application of psychological factors associated with sport, exercise, and performance. Current theories and research are presented related to concepts of understanding athlete, coach, and spectator behavior in the sport setting. Examination of factors influencing exercise participation, management of unhealthy behaviors, and adherence to programs focused on therapeutic benefits that help enhance overall health. Outcomes associated with performance, techniques for optimizing performance, and applications in a variety of career settings will be discussed.	This course provides an introduction to the theoretical and practical application of psychological factors associated with sport, exercise, and performance. Topics include historical and theoretical perspectives, current theories and research in cognitive, behavioral, and social-psychological factors related to concepts of understanding athlete, coach, and spectator behavior in the sport setting. Examination of factors and social constructs influencing exercise participation, management of unhealthy behaviors, and adherence to programs focused on therapeutic benefits that help enhance overall health. Outcomes associated with performance, techniques for optimizing performance, youth, aging, and gender issues, and applications in a variety of career settings will be discussed. Also listed as PSY 121. Not open to students with credit in PSY 121.
Exercise Science 248 – Conditioning for Intercollegiate Athletes	*Review and update of course outline*
Graphic Design 125 – Typography	*Review and update of course outline*
Health Education 202 – Health Professions and Organizations	*Review and update of course outline*
Health Education 203 – Substance Abuse and Public Health	*Review and update of course outline*
Paralegal Studies 120 – Introduction to Administrative Law	*Review and update of course outline*
Paralegal Studies 130 – Legal Research and Writing	*Review and update of course outline*
Paralegal Studies 132 – Computer Assisted Legal Research (CALR)	Review and update of course outline
Paralegal Studies 140 – Introduction to Criminal Law and Procedures	*Review and update of course outline*
Spanish 141 – Spanish and Latin American Cultures	***Review and update of course outline***
Spanish 145 – Hispanic Civilizations	*Review and update of course outline*
Surveying 218 – Plane Surveying Prerequisite: "C" grade or higher or "Pass" in MATH 170 or MATH 176, or equivalent or concurrent enrollment	Prerequisite: None

Work Experience Education/Internships Title 5 section 55253; hour changes per unit:	(Effective spring 2025)
Automotive Technology 212 – Automotive Work Experience 75 hours paid or 60 hours non-paid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
Automotive Technology 213 – ASCCA – Work Experience 75 hours paid work experience per unit, 1-4 units	54 hours paid work experience per unit, 1-4 units
Automotive Technology 214 – General Motors ASEP Work Experience 75 hours paid work experience per unit, 1-4 units	54 hours paid work experience per unit, 1-4 units
Automotive Technology 215 – Ford ASSET–Work Experience 75 hours paid work experience per unit, 1–4 units	54 hours paid work experience per unit, 1-4 units
Business Office Technology 223 – Office Work Experience 75 hours paid or 60 hours non-paid, 1 unit	54 hours paid or unpaid, 1 unit
Business Office Technology 224 – Office Work Experience 150 hours paid or 120 hours non-paid work experience per semester, 2 units	108 hours paid or unpaid work experience per semester, 2 units
Business Office Technology 225 – Office Work Experience 225 hours paid or 180 hours non-paid work experience per semester, 3 units	162 hours paid or unpaid work experience per semester, 3 units
Business 161 – Business Internship 75 hours paid or 60 hours non-paid work experience per unit, 1-3 units	54 hours paid or unpaid work experience per unit, 1-3 units
CADD Technology 150 – Occupational Work Experience in CADD Technology/Manufacturing 75 hours paid or 60 hours non-paid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
Child Development 133 – Practicum–Field Experience: Student Teaching 75 hours paid or 60 hours non-paid work experience per unit, 2 units	54 hours paid or unpaid work experience per unit, 2 units
Child Development 170 – Practicum: Field Experience with Infants and Toddler 75 hours paid or 60 hours unpaid work experience per unit, 2 units	54 hours paid or unpaid work experience per unit, 2 units
Computer and Information Science 267 – Directed Work Experience in CIS 75 hours paid or 60 hours non-paid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
Center for Water Studies 290 – Cooperative Work Experience 75 hours paid or 60 hours non-paid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
Environmental Health and Safety Management 240 – Cooperative Work Experience 75 hours paid or 60 hours non-paid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
English 200 – Cooperative Work Experience in English 75 hours paid or 60 hours non-paid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
Engineering 182 – Work Experience in Engineering Technology 75 hours paid or 60 hours non-paid work experience per unit, 1-3 units	54 hours paid or unpaid work experience per unit, 1-3 units
Graphic Design 230 – Graphic Design Work Experience 75 hours paid or 60 hours non-paid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
History 194 – Internships in History 75 hours paid or 60 hours non-paid work experience per unit, 1 unit	54 hours paid or unpaid work experience per unit, 1 unit
Humanities 194 – Internships in Humanities 75 hours paid or 60 hours non-paid work experience per unit, 1 unit	54 hours paid or unpaid work experience per unit, 1 unit

Music 119 – Cooperative Work Experience in Music Education 75 hours paid or 60 hours unpaid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
Music 161 – Cooperative Work Experience in Music Industry 75 hours paid or 60 hours unpaid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
Ornamental Horticulture 290 – Cooperative Work Experience Education 75 hours paid or 60 hours unpaid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
Paralegal Studies 250 – Internship 75 hours paid or 60 hours non-paid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
Real Estate 250 – Real Estate Internship 75 hours paid or 60 hours non-paid work experience per unit, 1-4 units	54 hours paid or unpaid work experience per unit, 1-4 units
Work Experience 110 – General Cooperative Work Experience Education 75 hours paid or 60 hours non-paid work experience per unit, 1-3 units	54 hours paid or unpaid work experience per unit, 1-3 units

DEACTIVATIONS

Course	Reason For Deletion per Department Faculty and/or Advisory Committee Recommendations
ART 224 – Drawing III	Recommendation of the department faculty. The course has had no enrollment activity since the 2016-2017 academic year.
ART 225 – Drawing IV	Recommendation of the department faculty. The course has had no enrollment activity since the 2016-2017 academic year.
BIO 115 – Biology of Alcohol and other Drugs	Recommendation of the department faculty. The course is no longer offered.
CHEM 012 – Strategies for Success in CHEM 102 Introduction to General, Organic and Biological Chemistry	Recommendation of the department faculty. The course is no longer offered.
CHEM 020 – Strategies for Success in CHEM 120	Recommendation of the department faculty. The course is no longer offered.
ENGL 214 – Masterpieces of Drama	Recommendation of the department faculty. Removing from the English ADT.
ENGL 270 – World Literature I	Recommendation of the department faculty. Removing from the English ADT.
ESL 2A – Accelerated Composition for English as a Second Language	Recommendation of the department faculty. The course is no longer offered.
ESL 2B – Advanced Accelerated Composition for English as a Second Language	Recommendation of the department faculty. The course is no longer offered.
ESL 050G – Basic Grammar for ESL Accelerated Reading and Writing	Recommendation of the department faculty. The course is no longer offered.

DELETIONS

Course, Program, Certificate	Reason For Deletion per Department Faculty and/or Advisory Committee Recommendations
California State University General Education Breadth	Cal-GETC has replaced this GE certificate. This certificate will be marked as teach out on the Chancellor's Office Curriculum Inventory (COCI) for the students with catalog rights to finish out.
Intersegmental General Education Transfer Curriculum	Cal-GETC has replaced this GE certificate. This certificate will be marked as teach out on the Chancellor's Office Curriculum Inventory (COCI) for the students with catalog rights to finish out.
MATH 121 – Quantitative Reasoning for Career Education	Recommendation of the department faculty. The course is no longer offered. Has been offered multiple semesters, students were not interested.
SCI 100 – Success in Science, Technology, Engineering and Mathematics (STEM)	Recommendation of the department faculty. The course is no longer offered.

DISTANCE EDUCATION
(All Approved for Fully online)

Course	Title
ES 121	Introduction to Sport, Exercise, and Performance Psychology
GEND 119	Psychology of Gender
PSY 119	Psychology of Gender
PSY 121	Introduction to Sport, Exercise, and Performance Psychology

DEGREE AND CERTIFICATE ADDITIONS

English as a Second Language Certificates of Achievement

ESL Pathway Behavioral and Social Sciences

The ESL Pathway Certificate program is designed to prepare English Language Learners (ELLs) for the academic rigor of degree-applicable coursework in the Behavioral and Social Sciences Academic and Career Pathway. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer. To earn a certificate, complete the required courses as listed with a grade of C or better.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
- Analyze and evaluate academic texts to prepare for and complete academic writing.
- Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Certificate of Achievement Requirements:

Course	Title	Units
ESL 2	Accelerated Composition for English as a Second Language	6
ESL 122	College Rhetoric	6

Select three (3) units from the following:

Course	Title	Units
ANTH 120	Cultural Anthropology	3
CD 123	Principles and Practices of Programs and Curriculum for Young Children	3
ETHN 107	History of Race & Ethnicity in the United States	3
POLS C1000	American Government and Politics	3
POSC 140	Introduction to California Governments and Politics	3
PSYC C1000	Introduction to Psychology	3
SW 110	Social Work Fields of Service	3
SOC 120	Introductory Sociology	3

Select three (3-4) units from the following:

Course	Title	Units
COMM 120	Interpersonal Communication	3
COMM 122	Public Speaking	3
PHIL 125	Critical Thinking and Philosophical Composition	3
MATH 120	Quantitative Reasoning	3
STAT C1000	Introduction to Statistics	4
	Total Units	18-19

Certificate of Achievement
Students who complete the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

ESL Pathway Business and Professional Studies

The ESL Pathway Certificate program is designed to prepare English Language Learners (ELLs) for the academic rigor of degree-applicable coursework in the Business and Professional Studies Academic and Career Pathway. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer. To earn a certificate, complete the required courses as listed with a grade of C or better.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
- Analyze and evaluate academic texts to prepare for and complete academic writing.
- Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Certificate of Achievement Requirements:

Course	Title	Units
ESL 2	Accelerated Composition for English as a Second Language	6
ESL 122	College Rhetoric	6

Select three (3) units from the following:

Course	Title	Units
BUS 110	Introduction to Business	3
BUS 128	Business Communication	3
BOT 100	Basic Keyboarding	3
BOT 114	Essential Word	1
BOT 115	Essential Excel	1
BOT 117	Essential PowerPoint	1
BOT 132	Google Applications for Business	3
ECON 120	Principles of Macroeconomics	3
PARA 100	Introduction to Paralegal Studies	3
PARA 110	Civil Litigation Practices and Procedures	3
PARA 130	Legal research and Writing	3
PARA 132	Computer Assisted Legal Research	3
PARA 135	Bankruptcy Law	3
RE 190	Real Estate Principles	3
RE 191	Real Estate Practices	3

Select three (3-4) units from the following:

Course	Title	Units
COMM 120	Interpersonal Communication	3
COMM C1000	Introduction to Public Speaking	3
PHIL 125	Critical Thinking and Philosophical Composition	3
MATH 120	Quantitative Reasoning	3
STAT C1000	Introduction to Statistics	4
	Total Units	18-19

Certificate of Achievement
Students who complete the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

(ESL continued)

ESL Pathway Culture, People, and Ideas

The ESL Pathway Certificate program is designed to prepare English Language Learners (ELLs) for the academic rigor of degree-applicable coursework in the Culture, People, and Ideas Academic and Career Pathway. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer. To earn a certificate, complete the required courses as listed with a grade of C or better.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
- Analyze and evaluate academic texts to prepare for and complete academic writing.
- Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Certificate of Achievement Requirements:

Course	Title	Units
ESL 2	Accelerated Composition for English as a Second Language	6
ESL 122	College Rhetoric	6

Select three (3) units from the following:

Course	Title	Units
ETHN 107	History of Race & Ethnicity in the United States	3
HIST 107	History of Race & Ethnicity in the United States	3
HIST 108	Early American History	3
HIST 118	Early American History	3
KUMY 116	Kumeyaay Arts and Culture I	3
KUMY 117	Kumeyaay Arts and Culture II	3
PHIL 110	A General Introduction to Philosophy	3
HUM 110	World Religions	3

Select three (3-4) units from the following:

Course	Title	Units
COMM 120	Interpersonal Communication	3
COMM 122	Public Speaking	3
PHIL 125	Critical Thinking and Philosophical Composition	3
MATH 120	Quantitative Reasoning	3
STAT C1000	Introduction to Statistics	4
	Total Units	18-19

Certificate of Achievement

Students who complete the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

(ESL continued)

ESL Pathway Environmental and Applied Technology

The ESL Pathway Certificate program is designed to prepare English Language Learners (ELLs) for the academic rigor of degree-applicable coursework in the Environmental and Applied Technology Academic and Career Pathway. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer. To earn a certificate, complete the required courses as listed with a grade of C or better.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
- Analyze and evaluate academic texts to prepare for and complete academic writing.
- Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Certificate of Achievement Requirements:

Course	Title	Units
ESL 2	Accelerated Composition for English as a Second Language[1]	6
ESL 122	College Rhetoric	6

Select three (3-4) units from the following:

Course	Title	Units
AUTO 099	Introduction to Automotive Technology	3
AUTO 100L	Introduction to Automotive Technology Laboratory[1]	1
CADD 155	Engineering Graphics	3
CADD 120	Introduction to Computer-Aided Drafting and Design	3
CWS 101	Fundamentals of Water & Wastewater	3
CWS 102	Calculations in Water & Wastewater	3
CIS 120	Computer Maintenance and A+ Certification	3
CS 165	Assembly Language and Machine Architecture	4
CS 182	Introduction to Java Programming	4
ENGR 100	Introduction to Engineering and Design	4
EHSM 100	Introduction to Environmental and Occupational Safety and Health (OSH) Technology	4
OH 120	Fundamentals of Ornamental Horticulture	3

[1] Required laboratory for AUTO 099

Select three (3-4) units from the following:

Course	Title	Units
COMM 120	Interpersonal Communication	3
COMM C1000	Introduction to Public Speaking	3
PHIL 125	Critical Thinking and Philosophical Composition	3
MATH 120	Quantitative Reasoning	3
STAT C1000	Introduction to Statistics	4
	Total Units	18-20

Certificate of Achievement
Students who complete the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

(ESL continued)

ESL Pathway Health Sciences

The ESL Pathway Certificate program is designed to prepare English Language Learners (ELLs) for the academic rigor of degree-applicable coursework in the Health Science Academic and Career Pathway. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer. To earn a certificate, complete the required courses as listed with a grade of C or better.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
- Analyze and evaluate academic texts to prepare for and complete academic writing.
- Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Certificate of Achievement Requirements:

Course	Title	Units
ESL 2	Accelerated Composition for English as a Second Language	6
ESL 122	College Rhetoric	6

Select three to four (3-4) units from the following:

Course	Title	Units
BIO 130	General Biology I	3
BIO 131	General Biology 1 Laboratory[1]	1
BIO 140	Human Anatomy	4
ES 250	Introduction to Kinesiology	3
HED 120	Personal Health and Lifestyles	3

[1] Required lab for BIO 130

Select three (3-4) units from the following:

Course	Title	Units
COMM 120	Interpersonal Communication	3
COMM C1000	Introduction to Public Speaking	3
PHIL 125	Critical Thinking and Philosophical Composition	3
MATH 120	Quantitative Reasoning	3
STAT C1000	Introduction to Statistics	4
	Total Units	18-20

Certificate of Achievement
Students who complete the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

(ESL continued)

ESL Pathway Language and Communications

The ESL Pathway Certificate program is designed to prepare English Language Learners (ELLs) for the academic rigor of degree-applicable coursework in the Language and Communication Academic and Career Pathway. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer. To earn a certificate, complete the required courses as listed with a grade of C or better.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
- Analyze and evaluate academic texts to prepare for and complete academic writing.
- Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Certificate of Achievement Requirements:

Course	Title	Units
ESL 2	Accelerated Composition for English as a Second Language	6
ESL 122	College Rhetoric	6

Select three (3-5) units from the following:

Course	Title	Units
ASL 120	American Sign Language I	4
ARBC 120	Arabic I	5
COMM 120	Interpersonal Communication[1]	3
COMM C1000	Introduction to Public Speaking[1]	3
ENGL 122	Introduction to Literature	3
SPAN 120	Spanish I	5
SPAN 121	Spanish II	5

Select three (3-4) units from the following:

Course	Title	Units
COMM 120	Interpersonal Communication[1]	3
COMM C1000	Introduction to Public Speaking[1]	3
PHIL 125	Critical Thinking and Philosophical Composition	3
MATH 120	Quantitative Reasoning	3
STAT C1000	Introduction to Statistics	4
	Total Units	18-21

[1] COMM-120 and COMM-C1000 can only be taken once for program credit.

Certificate of Achievement
Students who complete the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

ESL Pathway STEM

The ESL Pathway Certificate program is designed to prepare English Language Learners (ELLs) for the academic rigor of degree-applicable coursework in the STEM Academic and Career Pathway. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer. To earn a certificate, complete the required courses as listed with a grade of C or better.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
- Analyze and evaluate academic texts to prepare for and complete academic writing.
- Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Certificate of Achievement Requirements:

Course	Title	Units
ESL 2	Accelerated Composition for English as a Second Language	6
ESL 122	College Rhetoric	6

Select three (4-5) units from the following:

Course	Title	Units
ASTR 110	Descriptive Astronomy	3
ASTR 112	General Astronomy Laboratory[1]	1
BIO 130	General Biology I	3
BIO 131	General Biology I Laboratory[2]	1
BIO 230	Principles of Cellular, Molecular and Evolutionary Biology	4
BIO 240	Principles of Ecology, Evolution and Organizational Biology	5
CHEM 120	Preparation for General Chemistry	4
MATH 180	Analytic Geometry and Calculus I	5
PHYC 130	Fundamentals of Physics	4
PHYC 201	Mechanics and Waves	5

[1] Required laboratory for ASTR 110
[2] Required laboratory for BIO 130

Select three (3-4) units from the following:

Course	Title	Units
COMM 120	Interpersonal Communication	3
COMM C1000	Introduction to Public Speaking	3
PHIL 125	Critical Thinking and Philosophical Composition	3
MATH 120	Quantitative Reasoning	3
STAT C1000	Introduction to Statistics	4
	Total Units	19-21

Certificate of Achievement
Students who complete the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

(ESL continued)

ESL Pathway Visual and Performing Arts

The ESL Pathway Certificate program is designed to prepare English Language Learners (ELLs) for the academic rigor of degree-applicable coursework in the Visual and Performing Arts Academic and Career Pathway. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education patterns. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer. To earn a certificate, complete the required courses as listed with a grade of C or better.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Communicate well-organized information, arguments and opinions through various modalities, including speaking and writing.
- Analyze and evaluate academic texts to prepare for and complete academic writing.
- Interact effectively with others in group work to complete academic tasks and work well in cross-cultural situations, taking into account others' diverse backgrounds, perspectives, and abilities.

Certificate of Achievement Requirements:

Course	Title	Units
ESL 2	Accelerated Composition for English as a Second Language	6
ESL 122	College Rhetoric	6

Select three (3) units from the following:

Course	Title	Units
ART 120	Two-Dimensional Design	3
ART 124	Drawing I	3
GD 105	Fundamentals of Digital Media	3
MUS 110	Great Music Listening	3
THTR 110	Introduction to Theatre	3

Select three (3-4) units from the following:

Course	Title	Units
COMM 120	Interpersonal Communication	3
COMM C1000	Introduction to Public Speaking	3
PHIL 125	Critical Thinking and Philosophical Composition	3
MATH 120	Quantitative Reasoning	3
STAT C1000	Introduction to Statistics	4
	Total Units	18-19

Certificate of Achievement
Students who complete the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Music Education

This certificate offers specific training for entry-level positions in Music Education or to augment related programs in Music Education. They are designed to demonstrate a relatively narrow expertise or skill area that may be used to attain a job in music education as a teaching aid or walk on coach.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Provide basic instrumental music instruction in an assisting capacity to a teacher of record in a public school setting.

Certificate of Achievement Requirements:
Core

Course	Title	Units
MUS 126	Class Guitar I	2
MUS 170	Class Voice	2
MUS 260	Conducting	1
MUS 262	Woodwind Methods	1
MUS 263	Brass Methods	1
MUS 272	String Methods	1
MUS 273	Percussion Methods	<u>1</u>
	Total Units	9

Certificate of Achievement
Students who complete only the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Surveying

Unmanned Aerial System (Drone) Technologies

The certificate will train students in the use of drones/UAVs/UASs in the field of surveying. The certificate begins with familiarizing students with drones and the basics of the surveying field. By the end of the certification, students will have demonstrated their ability to identify, plan, execute, and complete a surveying project using drones. Students who have completed the certification will be ready to begin working in industry immediately. Additionally, students will be able to either continue their education or use work experience to advance themselves towards their Land Surveyor-in-Training (LSIT) Certification and Professional Land Surveyor (PLS) Licensure from the Board for Professional Engineers, Land Surveyors, and Geologists (BPELSG).

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Create surveying deliverables using drones/UAVs/UASs for industry use

Certificate of Specialization Requirements

Course	Title	Units
SURV 100	Unmanned Aerial System (Drone) Technologies: Safety, Assembly, and Basic Flight	3
SURV 101	Unmanned Aerial System (Drone) Technologies: Data Acquisition and Advanced Flight	3
SURV 218	Plane Surveying	4
SURV 102	Unmanned Aerial System (Drone) Technologies: Mapping and Surveying Deliverables	3
	Total Units	13

Certificate of Specialization
Students who complete only the major requirements above qualify for a Certificate of Specialization. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

DEGREE AND CERTIFICATE MODIFICATIONS

Anthropology for Transfer (AA-T)

The AA-T in Anthropology for Transfer guides students in their quest to understand what it means to be human, and how humans make meaning in life. Students take courses from three subfields: archaeology, cultural anthropology and physical anthropology, and learn about human cultures and civilizations, past and present. The AA-T in Anthropology for Transfer is designed specifically to prepare students for transfer to a California State University, where a baccalaureate degree may be earned in Anthropology or a closely related field.

The following is required for an Associate Degree ~~the AA-T in Anthropology~~ for Transfer: ~~degree:~~

1. Minimum of 60 semester or 90 quarter CSU-transferable units.

2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. ~~Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements;~~

3. Minimum of 18 semester or 27 quarter units in the major. ~~or area of emphasis;~~

4. A grade of "C" or higher or "Pass" in all courses required for the major. ~~Minimum grade point average (GPA) of 2.0;~~

5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~A grade of "C" or higher or "Pass" in all courses required for the major or area of emphasis.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Demonstrate an understanding of the core concepts of archaeology, cultural anthropology and physical anthropology;
- Demonstrate knowledge of cultural variation and diversity of perspectives, practices and beliefs found within and across cultures;
- Understand long term changes in the conditions that have shaped humans and the environments they inhabit.

Associate in Arts Degree Requirements

Course	Title	Units
Core Curriculum:		
ANTH 120	Cultural Anthropology	3
ANTH 130	Introduction to Biological Anthropology	3
ANTH 140	Introduction to Archaeology	3
		9
List A		
Select one of the following:		
~~MATH 160~~ STAT C1000	Introduction to Statistics ~~Elementary Statistics~~	4
PSY 215	Statistics for Behavioral Sciences	4
List B		
Select one or two of the following:		
BIO 140	Human Anatomy	4
PSY 205	Research Methods in Psychology	4
GEOL 110	Planet Earth	3
& GEOL 111	Planet Earth Laboratory[1]	1
GEOL 104	Earth Science	3
&GEOG 121	Physical Geography: Earth Systems Laboratory[2]	1
List C		
Select one of the following:		
MUS 116	Introduction to World Music	3
RELG 120	World Religions	3
	Units in the Major	20
	Double-Counted Units	12-16 ~~19~~
	Plus General Education Requirements (Cal-GETC ~~CSU GE or IGETC-CSU~~)	34 ~~37-39~~
	Electives	18-22 ~~20-22~~
	Total Units	60

[1]Must be taken if GEOL-110 Planet Earth is selected.
[2]Must be taken if GEOL-104 Earth Science is selected.

Art

Art History for Transfer (AA-T)

The Associate in Arts in Art History for Transfer degree prepares students to transfer to CSU campuses that offer bachelor's degrees in Art History. Students earning the Art History AA-T will be granted priority for admission as an Art History major to a local CSU, as determined by the CSU campus to which the student applies. A bachelor's degree in Art History prepares students for employment in curatorial work for the gallery and museum system. In addition, a bachelor's degree in Art History provides a solid foundation for advanced training in the more technical areas of art restoration and conservation, as well as branches of learning that are key to the study of art at the post-graduate level, including art theory, methodology, and criticism.

The Associate in Arts in Art History Transfer Degree educates students on the history of art and its function as a global language. Courses are designed to foster an understanding of visual communication by studying context, culture, social, political, economic, and religious conditions in different eras.

The following is required for ~~the~~ an Associate ~~in Arts in Art History for~~ Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California <u>General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.</u> ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Analyze and evaluate works of art, architecture, and design from various histories, periods, and global cultures to critically examine these artworks within their racial, gender, sociopolitical, ethnographical, and cultural milieu.
- Analyze, interpret, and evaluate artworks to derive contextual significance according to the elements of art, the principles of design, and their aesthetic qualities.
- Contextualize the role of the arts in understanding the past by analyzing and evaluating the significance and application of art historical periods, cultures, styles, genres, themes, artists, and relevant vocabulary in art and design.

Associate in Arts Degree Requirements:
Core Curriculum:

Course	Title	Units
ART 140	Survey of Western Art I: Prehistory through Middle Ages	3
or ART 141	Survey of Western Art II: Renaissance through Modern	3
ART 124	Drawing I	3
ART 151	Chicanx Art	3
		9

List A
Select one of the following:

Course	Title	Units
ART 142	Art of Africa, Oceania, and the Americas	3
ART 146	Asian Art	3
		3

List B
Select one of the following:

Course	Title	Units
ART 120	Two-Dimensional Design	3
ART 121	Painting I	3
ART 129	Three-Dimensional Design	3
ART 135	Watercolor I	3
ART 230	Figure Drawing I	3
GD 110	Graphic Design Principles	3
		3

List C
Select one of the following:

Course	Title	Units
Any List B course not already used		3
ART 143	Modern Art	3
ART 145	Contemporary Art	3
HUM 110	Principles of the Humanities	3
HUM 115	Arts & Culture of San Diego	3
HUM 116	Kumeyaay Arts and Culture I	3
		3
	Units for the Major	18
	3-~~6~~-~~9~~ units may be double-counted with GE	
	Plus General Education Requirements (Cal-GETC~~CSU GE or IGETC-CSU~~)	34~~39/37~~
	Total Transferable Elective Units	~~9~~ ~~12~~/11-14
	Total Units	60

(Art continued)

Art ~~–~~ Visual Communication ~~and~~ Design

~~This degree program emphasizes aesthetics, design and craft using manual and digital mediums. Students will develop their ability to think spatially in two and three dimensions and to use creative problem-solving techniques using images and letter forms. Students will develop a professional portfolio for placement at a four-year university. Designed for students interested in pursuing a bachelor's degree in Graphic Design; please consult the catalog of the transfer institution for specific requirements. Students interested in pursuing the entry level, two-year associate degree or certificate in graphic design should refer to the Graphic Design program.~~

This degree program provides students with strong foundational coursework emphasizing typography, design principles, and utilizes the manual and digital media needed to enter the field of graphic design. Students receive hands-on experience in the fundamentals of typography and design principles, using the most current industry software to create projects for the real world. Students will develop a professional portfolio for placement at a four-year university. Designed for students interested in pursuing a bachelor's degree in Graphic Design at a four-year university; please consult the catalog of the transfer institution for specific requirements.

Students interested in pursuing career education at the entry level, two-year associate degree or certificate in graphic design, should refer to the Graphic Design program.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Use the vocabulary of the visual arts to express their observations as they perceive and respond to works of art/design, objects in nature, events, and the environment;
- Apply artistic processes and skills, using a variety of media to communicate meaning and intent in ~~original~~ works of art/design;
- Analyze the role and development of the visual arts in past and present cultures throughout the world, noting human diversity as it relates to the visual arts and artists;
- Analyze, assess, and derive meaning from works of art, including their own, according to the elements of art, the principles of design, and aesthetic qualities;
- Apply what they learn in the visual arts across subject areas; develop competencies and creative skills in problem solving, communication, and management of time and resources that contribute to lifelong learning and career skills; and identify careers in and related to the visual arts.

CAREER OPPORTUNITIES
Advertising Director[1]
Advertising
~~Art Director~~
Desktop Publishing
Display Designer
Graphic Designer
~~Illustrator~~
~~Marketing Director~~
Multimedia
Package Designer
Web ~~Page~~ Media Designer

[1] Bachelor Degree or higher required

Associate in Arts Degree Requirements:

Course	Title	Units
ART 120	Two-Dimensional Design	3
~~ART 121~~	~~Painting I~~	~~3~~
ART 124	Drawing I	3
~~ART 129~~	~~Three-Dimensional Design~~	~~3~~
ART 140	Survey of Western Art I: Prehistory through Middle Ages	3
ART 141	Survey of Western ART II: Renaissance through Modern	3
GD 105	Fundamentals in Digital Media	3
		~~18~~ 15

Select six units from the following:

ART 129	Three-Dimensional Design	3
GD 110	Graphic Design Principles	3
GD 125	Typography	3
		6

Select ~~twelve~~ nine units from the following:

ART 104	Artists and Designers Today	3
ART 119	Color Theory	3
ART 121	Painting I	3
ART 125	Drawing II	3
ART 177	Digital Drawing and Painting	3

(Art – Visual Communication-Design)

ART 230	Figure Drawing I	3
~~ART 240~~	~~Portraiture and Character Design~~	~~3~~
~~ART 241~~	~~Illustration I~~	~~3~~
~~GD 105~~	~~Fundamentals of Digital Media~~	~~3~~
~~GD 110~~	~~Graphic Design Principles~~	~~3~~
~~GD 126~~	~~Adobe Photoshop Digital Imaging~~	~~3~~
		~~12~~ 9

Recommended Electives:

~~ART 135~~	~~Watercolor I~~	~~3~~
~~ART 148~~	~~Design and Crafts~~	~~3~~
ART 151	Chicanx Art	3
ART 242	Illustration II	3
~~BUS 110~~	~~Introduction to Business~~	~~3~~
GD 126	Adobe Photoshop Digital Imaging	3
GD 130	Professional Business Practices	3
GD 210	Professional Digital Photography I	3
~~GD 217~~	~~WEB Graphics~~	~~3~~
GD 222	WEB Animation	3
GD 225	Digital Illustration	3
GD 230	Graphic Design Work Experience	3
	Total Units	30
	Plus General Education Requirements	

(Art continued)

Studio Arts for Transfer (AA-T)

The AA-T in Studio Arts is designed to prepare students to transfer to a California State University (CSU) with the intent of earning a B.A. degree in an area such as Fine Arts or Studio Arts. Students who earn this degree will have the techniques necessary to create a variety of two- and three- dimensional art projects while demonstrating an increased aesthetic awareness. They will have the ability to use visual media to generate ideas, solve visual problems, enhance perception, think and respond critically to visual information in their lives, identify and describe the historical and cultural contexts of artwork, and assess the role of the visual arts in culture as a vehicle of human expression.

The following is required for ~~the AA-T in Studio Arts~~ an Associate Degree for Transfer degree:
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~State University General Education (CSU GE) Breadth pattern or the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
• Use the vocabulary of the visual arts to express their observations as they perceive and respond to works of art, objects in nature, events, and the environment.
• Apply artistic processes and skills using a variety of media to communicate meaning and intent in original works of art.
• Analyze the role and development of the visual arts in past and present cultures throughout the world, noting human diversity as it relates to the visual arts and the artists.
• Analyze and derive meaning from works of art, including their own, according to the elements of art, the principles of design, and aesthetic qualities.
• Apply what they have learned in the visual arts across subject areas by developing competencies and creative skills in problem solving, communication, management of time, and identifying resources that contribute to lifelong learning, career skills, and careers in and related to the visual arts.

Associate in Arts Degree Requirements:
Core Curriculum:

Course	Title	Units
ART 120	Two-Dimensional Design	3
ART 124	Drawing I	3
ART 129	Three-Dimensional Design	3
ART 141	History of Western Art II: Renaissance through Modern	3
		12

List A
Select one of the following:

ART 140	History of Western Art I: Prehistory through Middle Ages	3
ART 142	Art of Africa, Oceania, and the Americas	3
ART 143	Modern Art	3
ART 145	Contemporary Art	3
ART 146	Asian Art	3
		3

List B
Select three of the following:

ART 119	Color Theory	3
ART 121	Painting I	3
ART 125	Drawing II	3
or ART 230	Figure Drawing I	3
ART 135	Watercolor I	3
ART 210	Introduction to Printmaking	3
		9

	Units for the Major	24
	~~6~~ 3 units may be double-counted with GE	
	Plus General Education Requirements (~~CSU GE or IGETC-CSU~~ Cal-GETC)	34~~37/39~~
	Total Transferable Elective Units	~~3~~ 5
	Total Units	60

Please note: SDSU accepts this degree for students transferring into Art (Studio Arts emphasis).

Biology

Biology for Transfer (AS-T)

The Associate in Science in Biology for Transfer presents the diverse, dynamic study of life through a required core of biology and supporting courses. This degree is specifically designed to prepare students for transfer to a California State University, where a baccalaureate degree may be earned in Biological Sciences or a closely related field.

The following is required for an ~~the AS-T in Biology~~ Associate Degree for Transfer ~~degree~~:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~The Intersegmental General Education Transfer Curriculum (IGETC) for Science, Technology, Engineering and Mathematics (STEM) pattern for the CSU.[1] Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

- Apply the methods and tools of scientific inquiry to explain how structure contributes to biological function from molecular to organismal levels.
- Analyze evolutionary mechanisms to explain adaptations and biodiversity and the interplay of organisms with their environment.
- Design, collect, organize, analyze, and interpret quantitative and qualitative data; and incorporate findings into the broader context of biological knowledge and communicate results effectively.
- ~~Explain the basic structures and fundamental processes of life at the molecular, cellular, and organismal levels.~~
- ~~Identify the evolutionary processes that lead to adaptation and biological diversity.~~
- ~~Describe the relationship between life forms and their environment and ecosystems.~~
- ~~Collect, organize, analyze, interpret and present quantitative and qualitative data and incorporate them into the broader context of biological knowledge.~~
- ~~Effectively apply current technology and scientific methodologies for problem solving.~~
- ~~Find, select and evaluate various types of scientific information including primary research articles, mass media sources and World Wide Web information.~~
- ~~Communicate effectively in written and oral formats.~~

Associate in Science for Transfer Degree Requirements:

Course	Title	Units
Required Core:		
BIO-230	Principles of Cellular, Molecular and Evolutionary Biology	4
BIO-240	Principles of Ecology, Evolution and Organismal Biology	5
		9
List A:		
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
MATH-180	Analytic Geometry and Calculus I	5
~~Choose one sequence~~:		
PHYC-130	Fundamentals of Physics	4
& PHYC-131	Fundamentals of Physics	4
~~PHYC-201~~	~~Mechanics and Waves~~	~~5~~
~~& PHYC-202~~	~~Electricity, Magnetism and Heat~~	~~5~~
		~~8-10~~
List B:		
~~MATH-160~~STAT C1000	Introduction to ~~Elementary~~ Statistics	4
	Units for the Major	36 ~~38~~
	10 Double-Counted Units	
	Plus General Education Requirements (Cal-GETC~~CSU GE or IGETC-CSU~~)[1]	34~~31~~
	Electives	0~~1-3~~
	Total Units	60

(Biology continued)

~~¹Completion of IGETC-CSU for STEM allows for completion of 6 units of non-STEM GE work after transfer. One Area 3 course (Fine Arts and Humanities) and one Area 4 course (Social and Behavioral Sciences) may be deferred until after transfer.~~\

Biological Sciences: Pre-Allied Health

This program provides students with a pathway into allied health programs at baccalaureate institutions. Required science courses provide training in the methods of scientific inquiry, the fundamental principles of natural science, and the principle laws and theories governing the physical and life sciences. Recommended general education courses expose students to the necessary base of knowledge that will serve them well in any of the allied health fields. This degree prepares students for transfer to a baccalaureate institution or for advanced studies in an allied health major. Prior to enrolling in several courses in this major, students must take general biology and general biology laboratory as prerequisites. *It is recommended that students check with transfer institutions for specific program requirements.*

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
• Explain core principles of human biology and disease, including scientific inquiry and organism structure/function.
• Integrate principles and skills in human health, including anatomy, physiology, microbiology, and chemistry as applied to healthcare settings.
• Apply professional skills for healthcare practice, including effective communication, technology utilization, and collaborative investigation.
• Synthesize content, skills, and knowledge from coursework to practice self-directed, lifelong learning.
• ~~Explain the principles and laws of living systems with particular reference to human disease and human performance, including the role of scientific inquiry in life/medical science, cell theory, the hierarchy of structure and function in living organisms and principles of heredity.~~
• ~~Describe the normal relationships between structure and function relationships of humans, alterations in normal structure/function that characterize disease; the structure, function, classification and epidemiology of pathogenic microorganisms; and normal cellular and nutritional biochemistry.~~
• ~~Exhibit competency in the methods used to study living systems, with a focus on human biology including applying principles and procedures of research and experimental design, and gathering, organizing interpreting, evaluating and communicating data.~~
• ~~Exhibit confidence and ability to function as a health care professional including the ability to conduct independent and collaborative investigation skills, communicate scientific information effectively in oral and written form, and utilize technology effectively and appropriately.~~
• ~~Exhibit the ability to integrate the content, skills and abilities gained in courses and practice independent, self-directed learning.~~

Associate in Science Degree Requirements:

Course	Title	Units
BIO 140	Human Anatomy	4
BIO 141	Human Physiology	3
BIO 141L	Laboratory in Human Physiology	1
BIO 152	Paramedical Microbiology	5
CHEM 102	Introduction to General, Organic and Biological Chemistry	5
COMM <u>C1000</u> ~~122~~	<u>Introduction to</u> Public Speaking	3
PSY <u>C1000</u> ~~120~~	Introduc<u>tion</u> ~~ory~~ <u>to</u> Psychology	3
SOC 120	Introductory Sociology	3
	Total Units	27
	Plus General Education Requirements	

Recommended Electives: CD 125 or PSY 150; <u>STAT C1000</u> ~~MATH 160~~

Business Administration for Transfer 2.0 (AS-T)

This program is designed to provide students with the common core of lower division courses required to transfer and pursue a baccalaureate degree in Business Administration. This includes business degrees with options such as accounting, finance, human resources management, international business, management, operations management, and marketing. This major aligns with the California State University (CSU) Bachelor of Science in Business Administration.

The following is required for <u>an Associate Degree</u> ~~the AS-T in Business Administration~~ for Transfer: ~~degree:~~

1. Minimum of 60 <u>or 90 quarter</u> CSU-transferable ~~semester~~ units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or better in all courses required for the major.
5. ~~5.~~ Certified completion of the California <u>General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.</u> ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Outcomes
Upon completion of this program, students will be able to:
- Recognize essential functions and concerns specific to human resources, management, and general business operations.
- Identify and analyze business problems or entrepreneurial opportunities and effectively communicate recommendations for courses of actions.

Associate in Science Degree Requirements:
Core Curriculum:

Course	Title	Units
BUS 120	Financial Accounting	4
BUS 121	Managerial Accounting	4
BUS 125	Business Law: Legal environment of Business	3
BUS 128	Business Communication	3
ECON 120	Principles of Macroeconomics	3
ECON 121	Principles of Microeconomics	3
~~MATH 160~~ <u>STAT C1000</u>	Introduction to Statistics ~~Elementary Statistics~~	4
or PSY 215	Statistics for the Behavioral Sciences	4
MATH 178	Calculus for Business, Social and Behavioral Sciences	4
or MATH 180	Analytical Geometry and Calculus	<u>5</u>
	Units for the Major ~~(9 units may be double-counted with GE)~~	28-29
	~~9~~ <u>6</u> units may be double-counted with GE	
	~~Plus~~ General Education Requirements (<u>Cal-GETC</u>~~CSU GE or IGETC-CSU~~)	34~~39/37~~
	Total Transferable Elective Units	3-4~~1-4~~
	Total Units	60

Please note: SDSU accepts this degree for students transferring into Business Administration (Financial Services) or Business Administration (General) majors.

Child and Adolescent Development for Transfer (AA-T

The Associate in Arts in Child and Adolescent Development for Transfer is designed to provide students with the lower division coursework needed to transfer to a California State University for a bachelor's degree in Child Development or Child and Adolescent Development or a closely related field.

The following is required for an Associate Degree for Transfer:
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. A Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable units.
3. A Minimum of 18 semester or 27 quarter units in the major. or area of emphasis as determined by the community college district.
4. A grade of "C" or higher or "Pass" in all courses required for the major. or area of emphasis.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.The California State University-General Education-Breadth pattern (CSU GE-Breadth); **or** the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Integrate the key developmental concepts and teaching strategies into a cogently articulated philosophy of child and adolescent education and care.
- Employ curriculum that is well planned, developmentally appropriate and based on the interests and needs of children and adolescents.
- Implement effective guidance strategies with children and adolescents.
- Demonstrate the ability to plan programs for children and adolescent which enhance their physical, intellectual, emotion and social development.

Associate in Arts for Transfer Degree Requirements:

Course	Title	Units
Required Core:		
CD 125	Child Growth and Development	3
PSY 120PSYC C1000	Introductionory to Psychology	3
MATH 160 STAT C1000	Introduction to Statistics Elementary Statistics	4
List A: (Choose 9 units)		
CD 131	Child, Family and Community	3
BIO 130	General Biology I	3
CD 130	Curriculum: Design and Implementation	3
CD 213	Observation and Assessment	3
	Units for the Major	19
	9-12 Double-Counted Units	12-15
	General Education Requirements (Cal-GETC)	3439/37
	Total Transferable Elective Units	16-19 14-19
	Total Units	60

Communication Studies 2.0 for Transfer (AA-T)

This degree program is designed to provide students with a broad base of communication courses that provide training for entry into occupations in which public contact and verbal skills are important. Students will explore and analyze verbal communication methods, as well as develop and advance their oral communication skills. Students completing this degree may be interested in pursuing careers in community service, sales, performing arts, teaching, and other communication professions.

The following is required for an Associate Degree ~~the AA-T in Communication Studie~~s for Transfer: ~~degree~~:
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California <u>General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.</u> ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Research, write and deliver an effective public speech.
- Critically analyze, critique and synthesize arguments and information.
- Communicate clearly and effectively in a variety of media and/or contexts.
- Apply discipline-specific theories about language and communication to students' own practice or work.
- Navigate norms related to communicating in diverse environments, including professional, intercultural, and/or specialized settings.

Associate in Arts Degree Requirements:
Core Curriculum:

Course	Title	Units
COMM ~~122~~ C1000	<u>Introduction to</u> Public Speaking	3
COMM 120	Interpersonal Communication	<u>3</u>
		6

List A
Select three of the following:

COMM 110	Introduction to Mass Communication	3
COMM 124	Intercultural Communication	3
COMM 137	Critical Thinking in Group Communication	3
COMM 145	Argumentation	<u>3</u>
		9

List B: Select one of the following:

COMM 123	Advanced Public Speaking	3
ENGL ~~124~~C1001	~~Advanced Composition: Critical Reasoning~~ <u>Critical Thinking</u> and Writing	3
Any course from List A not selected above		<u>3</u>
		3

	Units for the Major	18
	~~12~~ <u>6-9</u> units may be double-counted	
	~~Total Units for CSU GE Breadth or IGETC-CSU~~ <u>Plus General Education Requirements (Cal-GETC)</u>	34~~39/37~~
	Total Transferable Elective Units	14-17~~15/17~~
	Total Units	60

Please note: SDSU accepts this degree for students transferring into the Health Communication Major and the Communication Major in Applied Arts and Sciences emphases.

Computer Science for Transfer (AS-T)

This program is designed to prepare students for transfer to a California State University (CSU) with the intent of earning a B.S. degree in Computer Science. The coursework provides a strong foundation in programming methodology, programming skills, and computer organization.

Most careers in computer science require a bachelor's degree, and some require a graduate-level degree. Computer science careers include software engineering, computer engineering, computer systems analysis, systems programming, mobile application development, artificial intelligence, robotics, and simulation. Computing technology now is used in most fields. Because of this, a wide range of jobs are open to people trained in Computer Science. Employment opportunities are expected to remain very strong.

A total of 33 units are required to fulfill the major portion of this degree. Students must also complete the Intersegmental General Education Transfer Curriculum (IGETC) for CSU admission requirements (see the "General Education Requirements and Transfer Information" section of the catalog). Students should speak with a counselor to verify that the requirements for this degree have been met. In addition, students planning to transfer to San Diego State University should consult with a counselor.

The following is required for ~~the AS-T in Computer Science~~ an Associate Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern ; see Degree Requirements and Transfer Information section for more information. ~~Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Define and apply current Software Engineering design patterns, algorithms, and data structures to produce efficient, well-engineered software applications.
- Apply problem-solving skills and the knowledge of computer science to solve real-world problems.
- Define and demonstrate the concept of object oriented programming and object oriented design.

Associate in Science Degree Requirements:
Core Curriculum

Course	Title	Units
BIO 230	Principles of Cellular, Molecular and Evolutionary Biology	4
CS 165	Assembly Language and Machine Architecture	4
CS 181	Introduction to C++ Programming	4
or CS 182	Introduction to Java Programming	4
CS 240	Discrete Structures	3
CS 281	Intermediate C++ Programming and Fundamental Data Structures	4
or CS 282	Intermediate Java Programming and Fundamental Data Structures	4
MATH 180	Analytic Geometry and Calculus I	5
MATH 280	Analytic Geometry and Calculus II	4
PHYC 201	Mechanics and Waves	5

	Units
Units in the major	33
Double-Counted Units	10
Plus General Education Requirements (~~IGETC only[1]~~ Cal-GETC)	34~~37~~
Total Units	60

General Education Requirements (IGETC only)[1]

Early Childhood Education for Transfer (AS-T)

The AS-T in Early Childhood Education is designed to prepare students planning to transfer to a California State University for a bachelor's degree in Child Development or Early Childhood Education by providing lower division course preparation. This degree facilitates a clearly defined career pathway for students wishing to pursue a career in early childhood development and care.

The following is required for ~~the AS-T in Early Childhood Education~~ an Associate Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~State University General Education (CSU GE) Breadth pattern or the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: if following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
• Integrate the key developmental concepts and teaching strategies into a cogently articulated philosophy of early childhood education and care, which is sensitive to diversity, equity and inclusion, with an emphasis on developmentally appropriate practice, based on the interests and needs of children.
• Employ appropriate classroom organizational and management techniques in a variety of early childhood education settings, demonstrating the ability to create curricula resources, while implementing a curriculum based on the needs of the whole child which supports the usage of effective and sensitive discipline and guidance strategies directly with children.
• Assess their own professional competence and progress and develop a plan for professional career steps and growth with consideration of all potential career opportunities.

Associate in Science Degree Requirements:

Course	Title	Units
CD 123	Principles and Practices of Programs and Curriculum for Young Children	3
CD 125	Child Growth and Development	3
CD 130	Curriculum: Design and Implementation	3
CD 131	Child, Family and Community	3
CD 134	Health, Safety and Nutrition of Young Children	3
CD 153	Teaching in a Diverse Society	3
CD 212	Practicum in Early Childhood Education	3
CD 213	Observation and Assessment	3
	Units in the Major	24
	Double-Counted Units	3~~6~~
	Plus General Education Requirements (~~CSU GE or IGETC-CSU~~Cal-GETC)	3~~4~~39/~~37~~
	Total Transferable Elective Units	~~3/~~5
	Total Units for Degree	60

Economics for Transfer (AA-T)

The AA-T in Economics for Transfer provides a broad exposure to the field of economics. Students will learn about the factors that determine the production, distribution and consumption of goods and services. They will come to understand the behavior and interactions of economic agents and how economies work. This major prepares student to transfer to a California State University, where a baccalaureate degree may be earned in Economics or a closely related field.

The following is required for ~~the AA-T in Economics~~ an Associate Degree for Transfer: ~~degree:~~
1. Minimum 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major or area of emphasis.
4. A grade of "C" or higher or "Pass" in all courses required for the major. ~~or area of emphasis.~~
5. ~~The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements;~~ Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.

Program Learning Outcomes
Upon completion of this program, students will be able to:
- Use economic models to predict changes in societal outcomes based on changes in economic variables.
- Identify and apply economic principles to personal-life decisions.

Associate in Arts for Transfer Degree Requirements

Course	Title	Units
Required Core:		
ECON 120	Principles of Macroeconomics	3
ECON 121	Principles of Microeconomics	3
~~MATH 160~~ STAT C1000	Introduction to Statistics ~~Elementary Statistics~~	4
MATH 178	Calculus for Business, Social and Behavioral Sciences	4
or MATH 180	Analytic Geometry and Calculus I	5
List A		
Select one of the following:		3-4
BUS 120	Financial Accounting	4
BUS 121	Managerial Accounting	4
BUS 128	Business Communication	3
CIS 110	Principles of Information Systems	4
MATH-280	Analytic Geometry and Calculus II	4
List B		
Select any List A course not used		3-4

	Units in the Major	21-23
	~~12/9~~ 6 Double-Counted Units	
	Plus General Education Requirements (~~CSU-GE or IGETC~~ Cal-GETC)	~~3439~~/37
	Electives	~~10 12~~/9-11
	Total Degree Units	60

English for Transfer (AA-T)

The English Department at Cuyamaca College provides students in the local community an opportunity to develop the skills a wide range of employers seek: strong communication, analytical reading, critical thinking, attention to detail, and the ability to work in diverse teams. The department encourages students to engage deeply with literature and nonfiction texts as well as other forms of cultural production, and to account for how those texts inform our ideologies, norms, and values.

The following is required for an ~~the AA-T in English~~ Associate Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern ; see Degree Requirements and Transfer Information section for more information. ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Communicate clearly and effectively in a variety of media and/or contexts.
- Apply discipline-specific theories about language and communication to students' own practice or work.
- Navigate norms related to communicating in diverse environments, including professional, intercultural, and/or specialized settings.
- Develop and support an original argument or interpretation with analysis of relevant evidence.
- Analyze how authors use language and/or texts to illuminate, critique, and/or shape reality.

Associate in Arts Degree Requirements:
Core Curriculum:

Course	Title	Units
ENGL 122	Introduction to Literature	3
ENGL ~~124~~C1001	~~Advanced Composition: Critical Reasoning~~ Critical Thinking and Writing	3
		6

List A:
Select two of the following:

Course	Title	Units
ENGL 221	British Literature I	3
ENGL 222	British Literature II	3
ENGL 231	American Literature I	3
ENGL 232	American Literature II	3
~~ENGL 270~~	~~World Literature I~~	~~3~~
ENGL 271	World Literature II	3
		6

List B:
Select one of the following:

Course	Title	Units
ENGL 126	Creative Writing	3
~~ENGL 201~~	~~Women, Gender, and Sexuality in Literature~~	~~3~~
ENGL 202	Introduction to Film as Literature	3
~~ENGL 214~~	~~Masterpieces of Drama~~	~~3~~
ENGL 217	Fantasy and Science Fiction	3
Any course from List A not selected above		3
		3

List C:
Select one of the following:

Course	Title	Units
ENGL 201	Women, Gender, and Sexuality in Literature	3
ENGL/ETHN 236	Chicano/Chicana Literature	3
ENGL/ETHN 238	Black Literature	3
~~ARBC 120~~	~~Arabic I~~	~~5~~
ARBC 121	Arabic II	5
ARBC 130	Arabic Literature and Culture	3
ARBC 220	Arabic III	5
ARBC 221	Arabic IV	5
~~SPAN 120~~	~~Spanish I~~	~~5~~
SPAN 121	Spanish II	5
SPAN 220	Spanish III	5
SPAN 221	Spanish IV	5
Any course from Lists A or B not selected above		3

(English continued)

	3-5
Units for the Major ~~(9 may be double counted with GE)~~	18-20
<ins>6-9 units may be double counted with GE</ins>	
Total Units for <ins>Cal-GETC</ins> ~~CSU GE Breadth or IGETC-CSU~~	<ins>34</ins>~~39-37~~
Total Transferable Elective Units	<ins>12-17</ins>~~10 - 14~~
Total Units	60

Please note: SDSU accepts this degree for students transferring into English-Applied Arts and Sciences major.

History for Transfer (AA-T)

This degree program is useful for students preparing for careers in education, the law and legal field, journalism, government service, political science, museums and archives, consulting, and research. The history program offers a diverse transfer curriculum and is committed to equity-minded teaching in an atmosphere of academic excellence. History course offerings focus on global cultures, historically-underrepresented groups in the United States, and the development of American Institutions. History courses help students develop and refine research, writing, and interpretive skills that are essential in navigating both society and their careers. History faculty create a vibrant intellectual campus culture and promote civic engagement through a variety of panels, presentations, and field trips.

The following is required for ~~the AA-T in History~~ an Associate Degree for Transfer: ~~degree:~~

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California <u>General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.</u> ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

- Interpret and evaluate evidence by analyzing biases, patterns, trends, and relationships.
- Evaluate and apply subject matter to students' lived experiences and current events.
- Analyze how power and privilege operate in society, through the categories of race, class, gender, ethnicity, and sexuality.
- Develop and support arguments with evidence, including academic and organic (i.e. cultural, traditional, and experiential).
- Research and explore career options and/or obtain experience in a career field.

Associate in Arts Degree Requirements
Core Curriculum:

Course	Title	Units
HIST 108	Early American History	3
HIST 109	Modern American History	3
		6

List A: Select six units:

HIST 100	Early World History	3
or HIST 105	Early Western Civilization	3
HIST 101	Modern World History	3
or HIST 106	Modern Western Civilization	3
		6

List B: Select one course from each group:
Group 1: Select one of the following courses:

HIST/ETHN 107	History of Race & Ethnicity in the United States	3
HIST 118	U.S. History: Chicano/Chicana Perspectives I	3
HIST 119	U.S. History: Chicano/Chicana Perspectives II	3
HIST/KUMY 128	Kumeyaay History I: Precontact - 1845	3
HIST/KUMY 129	Kumeyaay History II: 1846 - Present	3
HIST/ETHN 130	U.S. History and Cultures: Native American Perspectives I	3
ETHN/HIST 131	U.S. History and Cultures: Native American Perspectives II	3
HIST 180	U.S. History: Black Perspectives I	3
HIST 181	U.S. History: Black Perspectives II	3
or if not selected above:		
HIST 100	Early World History	3
or HIST 101	Modern World History	3
		3
		3

Group 2: Select one of the following courses:

HIST 114	Comparative History of the Early Americas	
HIST 115	Comparative History of the Modern Americas	
HIST 122	Women in Early American History	
HIST 123	Women in Modern American History	
HIST 124	History of California	
HIST 148	The Modern Middle East	
HUM 111	Culture, Art, & Ideas of the United States	
HUM 115	Arts & Culture of-San Diego	
HUM 116	Kumeyaay Arts and Culture I	
KUMY/POSC 166	Introduction to Native American Politics and Policy	
POSC 140	Introduction to California Government and Politics	

(History continued)

or any course from Group 1 not selected   <u>3</u>
6

Units in the Major	18
~~15~~ <u>6-12</u> Units may be double-counted with GE	
Plus General Education Requirements (~~CSU GE or IGETC-CSU~~ <u>Cal-GETC</u>)	34~~39/37~~
Total Transferable Elective Units	<u>14-20</u>~~18/20~~
Total Units	60

Please note: SDSU accepts this degree for students transferring into History B.A.

Kinesiology for Transfer Degree (AA-T)

The Associate in Arts in Kinesiology for Transfer degree is designed to prepare students for transfer to a California State University (CSU) by fulfilling lower-division requirements for the disciplines of Kinesiology, Exercise Science and Physical Education. This major provides preparation for careers in physical therapy, coaching, personal training, and other allied health professions by including classes oriented toward fitness, wellness, and health promotion throughout the lifespan.

The following is required for ~~the AA-T in Kinesiology~~ an Associate Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- List and define the five basic components of physical fitness.
- Describe the concepts of frequency, intensity, and time and how they relate to personal fitness goals.
- Outline a basic strategy for achieving fitness through the lifespan.
- List options within the community for continued lifelong physical activity.
- List benefits of daily physical activity.
- Demonstrate competence in acquiring sound nutritional information.
- Demonstrate improvement in sport skills.
- Outline appropriate goals and activities for increasing the fitness of children.
- Describe appropriate preventive measures as well as treatments for various sport injuries.
- List and describe opportunities for employment in the field.
- Describe their field of interest and a course of instruction that will meet their professional needs.

Associate in Arts Degree Requirements:
Core Curriculum:

Course	Title	Units
BIO 140	Human Anatomy	4
BIO 141	Human Physiology	3
BIO 141L	Laboratory in Human Physiology	1
ES 250	Introduction to Kinesiology	3

Movement Based Courses
Select one course from three different areas for a minimum of three units: 3-4

Combatives

ES 180	Self Defense for Women	1

Fitness

ES 009AB	Beginning, Intermediate Aerobic Dance Exercise	1
ES 014AB	Beginning, Intermediate Body Building	1.5
ES 019AB	Beginning, Intermediate Physical Fitness	1.5
ES 024AB	Beginning, Intermediate Fitness Boot Camp	1
ES 028AB	Beginning, Intermediate Yoga	1.5

Individual Sports

ES 060AB	Beginning, Intermediate Badminton	1
ES 076AB	Beginning, Intermediate Tennis	1
ES 125A	Beginning Golf	1
ES 125B	Intermediate Golf	1.5

Team Sports

ES 155AB	Beginning, Intermediate Basketball	1
ES 170AB	Beginning, Intermediate Soccer	1
ES 175AB	Beginning, Intermediate Volleyball	1
		14-15

List A:

CHEM 102	Introduction to General, Organic and Biological Chemistry	5
or CHEM 141	General Chemistry I	5
~~MATH 160~~ STAT C1000	Introduction to Statistics ~~Elementary Statistics~~	4
or PSY 215	Statistics for Behavioral Sciences	4
		9

	Units in the Major	23-24

(Kinesiology continued)

11.5/10 units may be double-counted with GE
Plus General Education Requirements (~~CSU GE or IGETC CSU~~Cal-GETC)[1]   34~~39/37~~
Total Transferable Elective Units   12-13~~8.5-9.5/9-10~~
Total Units   60

Please note: SDSU accepts this degree for students transferring into Exercise Science Generalist.

[1]General Education Requirements ~~(CSU GE or IGETC CSU)~~

Mathematics for Transfer (AS-T)

This program is designed to prepare students for transfer to a California State University (CSU) with the intent of earning a B.S. degree in Mathematics. Since jobs requiring mathematical skills such as data analysis, problem solving, pattern recognition, statistics, and probability are in high demand, the mathematics major may benefit both educationally and economically from developing and pursuing an interest in mathematics. Mathematical skills and statistical methods are employed regularly by researchers testing hypotheses, by workers applying quality control in manufacturing, and by informed citizens who must evaluate information from the media in tabular, graphical, and report form in order to reach solutions. This major offers a foundation in these necessary skills. The emphasis is to prepare students for transfer to a four-year institution and/or for career preparation in a vocational or professional field.

The following is required for ~~the AS-T in Mathematics~~ an Associate Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or better in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Draw conclusions about simple and complex systems by collecting, assessing, and analyzing information.
- Communicate technical ideas in group and professional settings in both written and oral form.

Associate in Science Degree Requirements:
Core Curriculum:

Course	Title	Units
MATH 180	Analytic Geometry and Calculus I	5
MATH 280	Analytic Geometry and Calculus II	4
MATH 281	Multivariable Calculus	4
		13

List A
Select one of the following:

MATH 284	Linear Algebra	3
MATH 285	Differential Equations	3
		3

List B
Select one of the following:

CS 181	Intro to C++ Programing	4
~~MATH 160~~ STAT C1000	Introduction to Statistics ~~Elementary Statistics~~	4
MATH 245	Discrete Mathematics	3
PHYC 201	Mechanics and Waves	5
Any course from List A not selected above		3
		3-5
	Units for the Major	19-21
	3-7 units may be double-counted with GE	
	Plus General Education Requirements (~~CSU GE or IGETC-CSU~~ Cal-GETC)	~~34~~39/37
	Total Transferable Elective Units	8-14~~7-9~~
	Total Units for Degree	60

Please note: SDSU accepts this degree for students transferring into Mathematics (Science Emphasis) B.S.

Music for Transfer (AA-T)

The AA-T in Music for Transfer is designed to prepare students to transfer to a California State University (CSU) with the intent of earning a B.A. in music. Students who earn this degree will have the fundamental knowledge and skills necessary to succeed in a music degree at the baccalaureate level. The curriculum combines music theory, applied studies, and performance at the lower division level.

The following is required for ~~the AA-T in Music~~ an Associate Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California <u>General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.</u> ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Analyze a musical score to determine its key, harmonic structure, musical style, and form.
- Identify musical elements in performances and relate them to their cultural and historical contexts.
- Use either the voice or a musical instrument to perform an intermediate level work with reliable technique and appropriate stylistic interpretation.
- Perform musical works in a large vocal or instrumental ensemble.
- Demonstrate proficiency on either a musical instrument or with the voice.

Associate in Arts Degree Requirements:
Core Curriculum

Course	Title	Units
MUS 105	Music Theory and Practice I	4
MUS 106	Music Theory and Practice II	4
MUS 205	Music Theory and Practice III	4
MUS 190	Performance Studies	.5
MUS 191	Performance Studies	.5
MUS 290	Performance Studies	.5
MUS 291	Performance Studies	.5

Choose four units from the following large ensemble courses:

Course	Title	Units
MUS 152	Concert Band	1
MUS 153	Concert Band	1
MUS 252	Concert Band	1
MUS 253	Concert Band	1
MUS 158	Chorus	1
MUS 159	Chorus	1
MUS 258	Chorus	1
MUS 259	Chorus	1
		18

List A
Select one of the following courses:

Course	Title	Units
MUS 110	Great Music Listening	3
MUS 206	Music Theory and Practice IV	4
		3-4

	Units
Units for the Major	21-22
<u>0-</u>3 units may be double-counted	
Plus General Education Requirements (~~CSU GE or IGETC-CSU~~ Cal-GETC)	<u>34</u> ~~39/37~~
Total Transferable Elective Units	4-8~~2 3/4~~ 5
Total Units	60

Please note: SDSU accepts this degree for students transferring into Music B.A.

Philosophy for Transfer (AA-T)

The Associate in Arts in Philosophy for Transfer (AA-T in Philosophy) deals with fundamental issues that have long haunted thinkers for many centuries. The major explores and seeks to understand values and the nature of reality by examining and questioning existence and experience. The degree prepares students for undergraduate study in philosophy.

The following is required for ~~the AA-T in Philosophy~~ an Associate Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Identify and discuss philosophical questions of universal concern including but not limited to, What counts as knowledge? Is there meaning to life? Does free will exist? Why should I be moral?, with an appreciation for how these questions have been approached throughout various historical and cultural contexts.
- Implement critical thinking techniques to enhance reading and writing skills, and engage effectively in issues of societal importance.
- Demonstrate correct use of terminology and appropriate argumentation when engaged in philosophical discussions.
- Evaluate and apply various philosophical insights to students' lived experiences and current events.
- Research and explore career options and opportunities for further study.

Associate in Arts Degree Requirements:
Core Curriculum

Course	Title	Units
Select two of the following:		
PHIL 110	A General Introduction to Philosophy	3
or PHIL 140	Problems in Ethics	3
and		
PHIL 130	Logic	3
		6

List A
Select one of the following:		
Any course from Core not used		3
PHIL 115	History of Philosophy I: Ancient and Medieval	3
PHIL 117	History of Philosophy II: Modern and Contemporary	3
		3

List B
Select two of the following:		
Any course from List A not used		3
HIST 105	Early Western Civilization	3
HIST 106	Modern Western Civilization	3
RELG 120	World Religions	3
		6

List C
Select one of the following:		
Any course from List A or B not used		3
PHIL 125	Critical Thinking and Philosophical Composition	3
		3
	Units in the Major	18
	~~15/~~9 units may be double-counted with GE	
	Plus General Education Requirements (~~CSU GE or IGETC-CSU~~Cal-GETC)	~~34~~39/37
	Total Transferable Elective Units	17~~18/14~~
	Total Units	60

Please note: SDSU accepts this degree for students transferring into Philosophy B.A.

Physics for Transfer (AS-T)

Physics is the study of the relationship between matter and energy in the universe. The AS-T in Physics for Transfer degree is designed to prepare students to transfer to a California State University (CSU) with the intent of earning a baccalaureate degree in physics. The curriculum is designed to provide students working toward a bachelor's degree a well-balanced, lower division program by emphasizing fundamental concepts and problem solving. The degree requirements are typical of what baccalaureate institutions require.

The following is required for ~~the AS-T in Physics~~ an Associate Degree for Transfer: ~~degree:~~

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC-CSU) pattern; see Degree Requirements and Transfer Information section for more information.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Draw scientific conclusions about simple and complex systems by collecting, assessing, and analyzing information.
- Communicate technical ideas in group and professional settings in both written and oral form.

Associate in Science Degree Requirements:

Course	Title	Units
MATH 180	Analytic Geometry and Calculus I	5
MATH 280	Analytic Geometry and Calculus II	4
MATH 281	Multivariable Calculus	4
PHYC 201	Mechanics and Waves	5
PHYC 202	Electricity, Magnetism, and Heat	5
PHYC 203	Light, Optics, and Modern Physics	<u>5</u>
	Units for the Major	28
	7 units may be double-counted with GE	
	Plus General Education Requirements (~~CSU GE or IGETC-CSU~~ Cal-GETC)	34 ~~39/37~~
	Total Transferable Elective Units	<u>5</u>~~0/2~~
	Total Units for Degree	60

Please note: SDSU accepts this degree for students transferring into the B.S. Physics (General) or B.S. Physics (Modern Optics Emphasis).

Political Science for Transfer (AA-T)

Transferring to a California State University campus

The AA-T in Political Science for Transfer is designed to prepare students to transfer to a California State University (CSU) with the intent of earning a Bachelor of Arts degree in Political Science.

The following is required for ~~the AA-T in Political Science~~ an Associate Degree for Transfer: ~~degree:~~

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California <u>General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.</u> ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Transferring to a University of California campus

Additionally, this AA-T degree aligns with the University of California (UC) Transfer Pathway for Political Science. While each UC campus has its own unique requirements for students earning a Bachelor of Arts degree in Political Science, this AA-T degree offers students foundational knowledge that they will need to be successful in a political science program at any UC campus.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Remember the major concepts of subfields of political science and their relevance to political behavior and political institutions across diverse communities and cultures.
- Understand the historical roots and major theories, conceptualizations, operationalizations, and measurements utilized in political science and its subfields from multiple perspectives.
- Apply the scientific method to explain political behavior and political institutions.
- Analyze the application of political science's abstract theories, empirical regularities, and public policy applications towards civic engagement domestically and internationally.
- Evaluate how concepts of political actors, networks, and status quo are theoretically and empirically analyzed and their application across diverse communities and cultures.
- Create a professional research project that uses the scientific method and follows ethical guidelines to analyze political phenomenon and/or a public policy project that utilizes data, geographic information systems, policy, and communication analysts' perspectives, and/or a civic engagement project that focuses on local, state, and federal public policies which promote diversity, inclusion, and equity, and/or another capstone project.

Career Opportunities:

Students who earn an AA-T in Political Science from Cuyamaca College will be prepared for entry level positions such as a:

- Staff member to an elected official: local (City Councilor or Mayor), state (i.e. Statewide constitutional official, State Assembly Member), or federal (i.e. U.S. Senator or Member of Congress)
- Staff member to an appointed official: local (i.e. City Manager or County Chief Executive Officer), regional (i.e. San Diego Association of Governments), or state (i.e. California State Water Resources Control Board Commissioner)
- Staff member in public, private, or non-profit sector's external affairs, government affairs, or regulatory affairs department
- Intern with an international government or non-governmental organization or institution
- Research assistant to a professor at a 4-year university, or a researcher at a public policy think tank, or in an institutional research department

Associate in Arts Degree Requirements

Core Curriculum:

Select three of the following**:** 9

Course	Title	Units
~~POSC 121~~ POLS C1000	~~Introduction to U.S.~~ American Government and Politics	3
POSC 124	Introduction to Comparative Government and Politics	3
POSC 130	Introduction to International Relations	3
POSC 150	Introduction to Political Theory	3

List A

Select two of the following: 6

POSC 120	Introduction to Politics and Political Analysis	3
POSC 165	Introduction to the Politics of Race and Gender	3
POSC 170	Introduction to Political Science Research Methods	3
Any course not selected from Core		3

List B

Select one of the following: 3

Any course from List A not selected above

POSC 140	Introduction to California Governments and Politics	3
POSC 145	Introduction to Latin American Government and Politics	3
POSC 147	Introduction to Middle East Government and Politics	3

(Political Science continued)

POSC 148	American Foreign Policy	3
POSC 166	Introduction to Native American Politics and Policy	3
POSC 180	Introduction to Public Policy	<u>3</u>
	Units for the Major	18
	~~6~~ 3 units may be double-counted with GE	
	Plus General Education Requirements (~~CSU GE or IGETC CSU~~<u>Cal-GETC</u>)	<u>34</u> ~~39/37~~
	Total Transferable Elective Units	~~9/~~11
	Total Units	60

Psychology for Transfer (AA-T)

This degree program is designed to present students with a broad base understanding of human behavior so that they may explore human thought and behavior, and various methodologies. Students completing this degree may be interested in pursuing careers in research, counseling, teaching, and other behavioral science professions.

The following is required for ~~the AA-T in Psychology~~ an Associate Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.
- Understand and apply basic research methods in psychology, including research design, data analysis, and interpretation.
- Respect and use critical and creative thinking, skeptical inquiry, and, when possible, the scientific approach to solve problems related to behavior and mental processes.
- Understand and apply psychological principles to personal, social, and organizational issues.
- Weigh evidence, tolerate ambiguity, act ethically, and reflect other values that are the underpinnings of psychology as a discipline.

Associate in Arts Degree Requirements:
Core Curriculum:

Course	Title	Units
~~PSY 120~~PSYC C1000	Introduct~~ionory~~ to Psychology	3
PSY 205	Research Methods in Psychology	4
PSY 215	Statistics for the Behavioral Sciences	4
or ~~MATH 160~~ STAT C1000	Introduction to Statistics ~~Elementary Statistics~~	4
		11

List A
Select one of the following:

BIO 130	General Biology I	3
PSY 140	Physiological Psychology	3
		3

List B
Select one of the following:

PSY 138	Social Psychology	3
PSY 150	Development Psychology	3
PSY 211	Cognitive Psychology	3
Any course not selected above in List A		3
		3

List C: Select one of the following:

PSY 125	Cross-Cultural Psychology	3
PSY 134	Human Sexuality	3
PSY 220	Learning	3
Any course not selected above in List A or List B		3
		3

Units for the Major	20
~~12~~ 6-9 units may be double-counted with GE	
Plus General Education Requirements (~~CSU GE or IGETC-CSU~~Cal-GETC)	34~~39/37~~
Total Transferable Elective Units	12-15~~13/15~~
Total Units	60

Please note: SDSU accepts this degree for students transferring into Psychology (Applied).

Public Health for Transfer (AS-T)

The Associate in Science in Public Health for Transfer provides a broad exposure to the field of public health and related disciplines. Upon completion of this degree, students will be able to recognize effective strategies aimed at reducing threats to the health of our communities and the public at large. The program lays the foundation for student preparation in development, implementation, and evaluation of public health services in various settings and with diverse populations.

The following is required for ~~the AS-T in Public Health~~ an Associate Degree for Transfer: ~~Degree:~~

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework;
3. Minimum of 18 semester or 27 quarter units in the major or area of emphasis.
4. A grade of "C" or higher or "Pass" in all courses required for the major. ~~or area of emphasis.~~
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

*   Outline strategies for prevention, detection and control of infectious and chronic disease.
*   Describe the organization, financing and delivery of various medical and population-based services in the United States health care system.
*   Explain the role of Public Health in addressing the following issues: disparities among different populations, aging, injuries, obesity, control of emerging diseases and epidemics, and emergency preparedness.
*   Analyze reliable public data sources to find statistical and epidemiologic data on incidence, prevalence, and trends in drug, tobacco and alcohol use.
*   Review recent public health literature detailing ways that race, socioeconomic status and gender become embodied in disparate health outcomes.
*   Analyze the contribution of environmental conditions to disparate health outcomes, using case studies.

Career Opportunities
Career opportunities in Public Health are varied, but consist primarily of administration[1], teaching[1], research[1], program planning[1], health promotion[1], outreach, and administrative assistance duties in the following contexts:
Government agencies
Private Volunteer agencies
Hospitals
Clinics
International Relief programs
Environmental Health programs
Occupational Health programs

[1]Bachelor degree or higher recommended.

Associate in Science for Transfer Degree Requirements:

Course	Title	Units
Core Curriculum Requirements		
BIO 130	General Biology I	3
BIO 131	General Biology I Lab I	1
HED 120	Personal Health and Lifestyles	3
HED 201	Introduction to Public Health	3
~~MATH 160~~ STAT C1000	Introduction to Statistics ~~Elementary Statistics~~	4
		14
List A		
Select one of the following (4-5 units):		
BIO 140	Human Anatomy	4
BIO 141	Human Physiology	3
and BIO 141L	Lab in Human Physiology	1
BIO 152	Paramedical Microbiology	5
List B		
Select one of the following		
HED 204	Health and Social Justice	3
List C		
Select one of the following		
HED 202	Health Professions and Organizations	3
HED 203	Substance Abuse and Public Health	3

(Public Health continued)

PSY 134	Human Sexuality		3

Units in the Major   24-25

<u>10-13</u> ~~16/13~~ total units that may be double-counted

Plus General Education Requirements (~~CSU-GE or IGETC-CSU~~<u>Cal-GETC</u>)   <u>34</u>~~39/37~~

Total Transferable Elective Units   <u>11-15</u>~~12-13/11-12~~

Total Units   60

Sociology for Transfer (AA-T)

This degree program is designed to provide students with a broad understanding of human interaction, social processes, social structures, and tools of sociological investigation. Students completing this degree may be interested in pursuing careers in teaching, research, social work, and other behavioral science professions.

The following is required for ~~the AA-T in Sociology~~ an Associate Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or better in all courses required for the major.
5. Certified completion of the California <u>General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information.</u> ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
• Evaluate society and make appropriate suggestions for improvement directed at social change.
• Analyze and interpret the diversity of social experience using a sociological perspective.
• Engage in critical thinking, analysis and problem solving about social issues.
• Employ theoretical and methodological approaches to sociological observations of everyday life.
• Evaluate the implications of multicultural diversity and global interdependence.

Associate in Arts Degree Requirements:
Core Curriculum:

Course	Title	Units
~~MATH 160~~ <u>STAT C1000</u>	Introduction to Statistics ~~Elementary Statistics~~	4
o<u>r</u> PSY 215	Statistics for the Behavioral Sciences	4
SOC 120	Introductory Sociology	3
SOC 130	Contemporary Social Problems	<u>3</u>
		10

List A
Select two of the following:

SOC 114	Introduction to Race and Ethnicity	3
SOC 125	Marriage, Family and Alternative Lifestyles	3
PSY 138/SOC 138	Social Psychology	3
PSY 205	Research Methods in Psychology	
SOC 140	Sex and Gender Across Cultures	<u>3</u>
		6-7

List B
Select one of the following:

ANTH 120	Cultural Anthropology	3
~~PSY 120~~<u>PSYC C1000</u>	Introduct~~ory~~<u>ion</u> <u>to</u> Psychology	3
SOC 150	Latinx Communities in the United States	
Any course not already used in list A		<u>3</u>
		3

Units in the Major ~~(12 units may be double counted with GE)~~		19-20
<u>6-12 total units that may be double-counted</u>		
Plus General Education Requirements (~~CSU GE or IGETC-CSU~~ <u>Cal-GETC</u>)		34~~39/37~~<u>39/37</u>
Total Transferable Elective Units		12-19~~16-17/15-16~~<u>16-17/15-16</u>
Total Units		60

Please note: SDSU accepts this degree for students transferring into Sociology B.A.

Spanish for Transfer (AA-T)

The Associate in Arts in Spanish for Transfer degree is designed to provide students with communicative skills in Spanish, as well as a greater understanding of Spanish culture and civilization. This degree prepares students to transfer to a California State University.

The following is required for ~~the AA-T in Spanish~~ an Associate Degree for Transfer: ~~degree:~~
1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements and Transfer Information section for more information. ~~State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.~~

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Communicate clearly and effectively in a variety of media and/or contexts (speech, writing, and/or sign language).
- Apply discipline-specific theories about language and communication to students' own practice or work.
- Navigate norms related to communicating in diverse environments, including professional, intercultural, and/or specialized settings.

Associate in Arts Degree Requirements
Core Curriculum

Course	Title	Units
SPAN 120	Spanish I	5
SPAN 121	Spanish II	5
SPAN 220	Spanish III	5
SPAN 221	Spanish IV	5
		20

List A
Select one of the following:

HIST 118	U.S. History: Chicano/Chicana Perspectives I	3
HIST 119	U.S. History: Chicano/Chicana Perspectives II	3
ETHN 236/ENGL 236	Chicana/o Literature	3
~~SPAN 141~~	~~Spanish and Latin American Cultures~~	~~3~~
~~SPAN 145~~	~~Hispanic Civilizations~~	~~3~~
SPAN 250	Conversational Spanish I[1]	3
SPAN 251	Conversational Spanish II[1]	3
		3
	Units in the Major	23
	~~9 units CSU/3-6 units IGETC~~ Total units that may be double-counted with GE	3-6
	Plus General Education Requirements (Cal-GETC ~~CSU GE or IGETC-CSU~~)	34~~39/37~~
	Total Transferable Elective Units	6-9~~7-9~~
	Total Units for Degree	60

[1]Substitution Courses:
  SPAN 250 may be substituted for SPAN I for students placing at the level of SPAN II.
  SPAN 251 may be substituted for SPAN II for students placing into SPAN III.

Please note: SDSU accepts this degree for students transferring into Spanish B.A.