

Los Angeles Pierce College 2022-2023 General Catalog Addendum A

KEY

- **Yellow highlighted text** = New/Addition
- ~~Strikethrough text~~ = Deletion

I. New

New Associate of Science for UC Transfer Degree (UCTP)

- UCTP Chemistry
- UCTP Physics

New Courses

- VOC ED 224CE, VOC ED 225CE, VOC ED 321CE

New UC Transferable Courses

- The following courses are UC transferable, effective Fall 2022: ADDICST 002

New CSU Transferable Courses

- The following courses are CSU transferable, effective Fall 2021: JOURNAL 239

Courses with new prerequisite/corequisite

- ANTHRO 119 prerequisite has been changed to a corequisite

Courses with new/revised UC Transfer Limitations

- The following courses have new UC transfer limitations, effective Fall 2022: ADM JUS 002, 003, 004, 005, 008, 075, 319
- The following courses have revised UC transfer limitations, effective Fall 2022: MATH 227, 228B, SOC 125, STAT 101

Courses with new C-ID approval

- The following courses received C-ID approved: ANML SC 520 & ANML SC 521 for AG-AS 108L; CS 111 for ITIS 130, CIS 210 for ITIS 150, CIS 227 for ITIS 155.

II. Corrections

Correction to Film, Television, and Electronic Media AS-T

- Added MEDIART 117 to List C of the degree.

Correction to Sociology AA-T

- Removed language from major required courses: “Select two courses from the following”.

Correction to LAPC General Education Pattern 2022-2023

- Added courses to Area D2, effective Fall 2022: FINANCE 001, FINANCE 008
- Removed archived courses from List A & List B1

Correction to Orchard and Nursery Skills Skills Certificate

- Updated PLNT SC 716 units. Certificate total units are updated to reflect change.

Correction to AP 4100 (Graduation Requirements for Degrees and Certificates)

- Updated Administrative Procedure language, last revised on January 24, 2023.

I. New

New Associate of Science for UC Transfer Degree (UCTP)

UCTP CHEMISTRY

Associate of Science for UC Transfer (STATE CODE 42512)

The University of California Transfer Pathway (UCTP) Associate's Degree in Chemistry is an extension of UC Pathways+. The degrees, which are created by the community colleges, include the major preparation outlined in the UC Transfer Pathway for Chemistry. Students must follow UC Pathways+ requirements.

Students who complete the UC Pathways+ option, students completing the UCTP Associate's Degree in Chemistry will earn an AS degree from their LA Pierce College. Note: UC does not require an Associate's Degree for transfer.

PROGRAM INFORMATION

The UCTP Associate's Degree in Chemistry is an extension of UC Pathways+. The degrees, which are created by the community colleges, include the major preparation outlined in the UC Transfer Pathway for Chemistry. As with UC Pathways+, in order to secure an admission guarantee in Chemistry, students must:

- Complete the Transfer Pathway
- Meet or exceed the required campus-based TAG GPA (campuses vary in a range of 2.8 - 3.4 GPA minimums)
- Submit a TAG application by September 30, and
- Apply for admission by November 30.

In addition to the benefits of the UC Pathways+ option, students completing the UCTP Associate's Degree in Chemistry will earn an AS degree from Los Angeles Pierce College. Note: UC does not require an Associate's Degree for transfer.

Students receiving this transfer degree must meet the following requirements:

- (1) Completion of 60 UC transferable semester units with a minimum cumulative grade point average of 2.0; a minimum of 12 units must be completed at Los Angeles Pierce College. Important: the minimum 2.0 GPA is the minimum required for the degree but will NOT meet UC admission requirements.
- (2) Completion of the following curricular requirements:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) Areas indicated below with a minimum grade of "C" in each course or a grade of "P" if the general education course is taken on a "P/NP" basis.
 - (B) The major requirements listed below with a minimum grade of "C" in each course. Major courses may not be taken on a "P/NP" basis.

Important UC admission information: For guaranteed admission to a UC campus and major, students may be required to complete the UC campus Transfer Admission Guarantee (TAG) for Chemistry. Students should meet with their counselor for specific requirements and conditions.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Use qualitative and quantitative analysis techniques to solve physical science problems through integration of multiple ideas that demonstrates reasoning completely and clearly.
- Use chemistry principles to evaluate and solve conceptual challenges.
- Perform hypothesis driven laboratory experiments using the appropriate instruments as well as analyze and interpret data to form appropriate conclusions.

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
CHEM 101*	General Chemistry I	5
CHEM 102*	General Chemistry II	5
CHEM 211*	Organic Chemistry for Science Majors I	5
CHEM 212*	Organic Chemistry for Science Majors II	5
PHYSICS 101*	Physics for Engineers and Scientists I	5
PHYSICS 102*	Physics for Engineers and Scientists II	5
PHYSICS 103*	Physics for Engineers and Scientists III	5
MATH 261*	Calculus I	5
MATH 262*	Calculus II	5
MATH 263*	Calculus III	5
MATH 275*	Ordinary Differential Equations	3
MAJOR - TOTAL UNITS		53

AWARD	AWARD TYPE	MAJOR CODE	GE
UCTP Chemistry	AS for UC Transfer	P042512M	IGETC for UC† (34 units)

†An AA-T or AS-T may be awarded without IGETC 1C. However, without IGETC 1C the student will be ineligible for admission to a CSU campus. IGETC 1C must be completed prior to transfer to meet minimum CSU entrance requirements.

*See Catalog course description for prerequisites and/or corequisites.

UCTP PHYSICS

Associate of Science for UC Transfer (STATE CODE 42533)

The University of California Transfer Pathway (UCTP) Associate's Degree in Physics is an extension of UC Pathways+. The degrees, which are created by the community colleges, include the major preparation outlined in the UC Transfer Pathway for Physics. Students must follow UC Pathways+ requirements.

Students who complete the UC Pathways+ option, students completing the UCTP Associate's Degree in Physics will earn

an AS degree from LA Pierce College. Note: UC does not require an Associate's Degree for transfer.

PROGRAM INFORMATION

The UCTP Associate's Degree in Physics is an extension of UC Pathways+. The degrees, which are created by the community colleges, include the major preparation outlined in the UC Transfer Pathway for Physics. As with UC Pathways+, in order to secure an admission guarantee in Physics, students must:

- Complete the Transfer Pathway
- Meet or exceed the required campus-based TAG GPA (campuses vary in a range of 2.8 - 3.4 GPA minimums)
- Submit a TAG application by September 30, and
- Apply for admission by November 30.

Students receiving this transfer degree must meet the following requirements:

(1) Completion of 60 UC transferable semester units with a minimum cumulative grade point average of 2.0; a minimum of 12 units must be completed at Los Angeles Pierce College. Important: the minimum 2.0 GPA is the minimum required for the degree but will NOT meet UC admission requirements.

(2) Completion of the following curricular requirements:

(A) The Intersegmental General Education Transfer Curriculum (IGETC) Areas indicated below with a minimum grade of "C" in each course or a grade of "P" if the general education course is taken on a "P/NP" basis.

(B) The major requirements listed below with a minimum grade of "C" in each course. Major courses may not be taken on a "P/NP" basis.

Important UC admission information: For guaranteed admission to a UC campus and major, students may be required to complete the UC campus Transfer Admission Guarantee (TAG) for Physics. Students should meet with their counselor for specific requirements and conditions.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Demonstrate proficiency in the use of algebra, calculus, and vector analysis to solve quantitative problems in classical and modern.
- Demonstrate proficiency in conceptual reason using the laws of classical and modern physics to make qualitative predictions, explain real-world phenomena, and draw and interpret graphs and diagrams.

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
CHEM 101*	General Chemistry I	5
CHEM 102*	General Chemistry II	5
PHYSICS 101*	Physics for Engineers and Scientists I	5
PHYSICS 102*	Physics for Engineers and Scientists II	5
PHYSICS 103*	Physics for Engineers and Scientists III	5
MATH 261*	Calculus I	5

MATH 262*	Calculus II	5
MATH 263*	Calculus III	5
MATH 270*	Linear Algebra	3
MATH 275*	Ordinary Differential Equations	3
MAJOR - TOTAL UNITS		46

AWARD	AWARD TYPE	MAJOR CODE	GE
UCTP Physics	AS for UC Transfer	P042533M	IGETC for UC† (34 units)

†An AA-T or AS-T may be awarded without IGETC 1C. However, without IGETC 1C the student will be ineligible for admission to a CSU campus. IGETC 1C must be completed prior to transfer to meet minimum CSU entrance requirements.

*See Catalog course description for prerequisites and/or corequisites.

New Courses

Vocational Education (VOC ED)

224CE Fundamentals for Teamwork in the Workplace (0) (NDA)

Lecture 0.67 hour.

This noncredit course focuses on developing skills to effectively collaborate in team environments in the workplace. Topics covered include discovering personal workplace strengths and weaknesses and discovering new strategies to maximize teamwork in the workplace.

225CE Fundamentals for Leadership Skills in the Workplace (0) (NDA)

Lecture 0.67 hour.

This course focuses on developing fundamental leadership skills for the workplace. Topics include collaboration through effective leadership, managing teams, building your team, leadership foundations, ethics in leadership, and turning team conflicts into opportunities.

321CE Anger Management Skills for Healthcare Professionals (0) (NDA)

Lecture 0.44 hour.

This noncredit class is designed to help healthcare professionals recognize anger when working with patients and public in healthcare settings and learn how to apply skills necessary to manage individual triggers that lead to anger. Topics will include active listening skills, stress management, positive self-talk, and how to deescalate problematic situations. Progress indicators are issued for this class including Pass (P), Satisfactory Progress (SP), and No Pass (NP). This is a managed enrollment course.

New UC Transferable Courses

The following courses are UC transferable, effective Fall 2022:

- ADDICST 002

New CSU Transferable Courses

The following courses are CSU transferable, effective Fall 2021:

- JOURNAL 239

Courses with new prerequisite/corequisite

119 Introduction to Forensic Anthropology (2) UC:CSU

Lecture 1 hour. Laboratory 2 hours.

Prerequisite: Anthropology 118 with a grade of "C" or better.

Corequisite: Concurrent enrollment in Anthropology 118.

Previous completion of Anthropology 118 with a grade of "C" or better is allowable.

In this course students explore in a laboratory setting selected topics in forensic anthropology, including identification from bones and teeth of age, sex, stature, ancestry, pathology, diet, demographics, and manner and cause of death.

(CSU GE Area B3 • IGETC Area 5C)

Courses with new/revised UC Transfer Limitations

Administration of Justice (ADM JUS)

002 Concepts of Criminal Law (3) UC:CSU

Lecture 3 hours.

May be offered as an honors section.

Students are introduced to the historical development, philosophy, and basic legal concepts of criminal law. Constitutional provisions, legal research, legal analysis, and the functioning of criminal law as a social force are examined. In addition, students evaluate legal definitions, classifications of law, penalties, corpus delicti, criminal intent, parties to a crime, defenses to crime, and a brief introduction to laws of arrest and judicial procedure.

(CSU GE Area D • IGETC Area 4)

**UC Credit Limit: Administration of Justice 002, 003, 004, 005, 008, 075 or 319 combined: maximum credit, 1 course.*

C-ID: AJ 120

003 Legal Aspects of Evidence (3) UC:CSU

Lecture 3 hours.

Students will examine the origin, development, philosophy, and constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search, and seizure; kinds and degrees of evidence, and rules governing admissibility; judicial decisions interpreting individual rights and case studies.

(CSU GE Area D)

**UC Credit Limit: Administration of Justice 002, 003, 004, 005, 008, 075 or 319 combined: maximum credit, 1 course.*

C-ID: AJ 124

004 Principles and Procedures of the Justice System (3) UC:CSU

Lecture 3 hours.

May be offered as an honors section.

Students examine and analyze due process in criminal proceedings from pre-arrest through trial and appeal utilizing statutory law and state and constitutional law precedents.

(CSU GE Area D • IGETC Area 4)

**UC Credit Limit: Administration of Justice 002, 003, 004, 005, 008, 075 or 319 combined: maximum credit, 1 course.*

C-ID: AJ 122

005 Criminal Investigation (3) UC:CSU

Lecture 3 hours.

Students will examine the fundamental theories, concepts, and methodology of criminal investigation. This course will look at the investigative procedures from the crime scene to the courtroom, inclusive of legal constraints, ethics, and types of evidence; techniques and procedures for basic interview and interrogation procedures; identification of proper crime scene management, follow-up, case preparation and organization.

**UC Credit Limit: Administration of Justice 002, 003, 004, 005, 008, 075 or 319 combined: maximum credit, 1 course.*

C-ID: AJ 140

008 Juvenile Procedures (3) UC:CSU

Lecture 3 hours.

This course examines the origin, development and organization of the juvenile justice system as it evolved within the U.S. justice system. Students will analyze and synthesize theories of juvenile law, the courts and their processes, and constitutional protections extended to juveniles administered in the U.S. justice system.

**UC Credit Limit: Administration of Justice 002, 003, 004, 005, 008, 075 or 319 combined: maximum credit, 1 course.*

C-ID: AJ 220

075 Introduction to Corrections (3) UC:CSU

Lecture 3 hours.

This course is designed to provide the student with an overview of the historical development, current concepts and practice, and explanations of criminal behavior; functions and objectives of the criminal justice system concerned with institutionalization and trends of adult and juvenile corrections, including probation and parole. It will focus on the legal issues, specific laws, and general operation of correctional institutions. The relationship between corrections and other components of the judicial system will also be examined.

(CSU GE Area D)

**UC Credit Limit: Administration of Justice 002, 003, 004, 005, 008, 075 or 319 combined: maximum credit, 1 course.*

C-ID: AJ 200

319 Research Methods & Statistics in Criminal Justice (3) **UC:CSU**

Lecture 3 hours.

This course is an introduction to research methodologies used in the social sciences with a special emphasis on those methods most often used in the study of crime and criminal behavior, police/court systems, and correctional institutions, policies, and programs. Students will acquire the knowledge to conceptualize a research problem and develop a number of complementary design, measurement, and data collection approaches to bring evidence to bear on the problem. Topics include the roles of theory and ethics in research, hypothesis testing, and research design.

(CSU GE Area D)

***UC Credit Limit:** Administration of Justice 002, 003, 004, 005, 008, 075 or 319 combined: maximum credit, 1 course.

Mathematics (MATH)

227 Statistics (4) *UC:CSU

Lecture 4 hours.

Prerequisite: Mathematics 125 or 134 with a grade of "C" or better.

Students learn about averages, variability, graphical techniques, probability, hypothesis testing, sampling, estimation, correlation, prediction, and linear regression. The emphasis of Math 227 is on the collection and analysis of data and how inferences about a population are made from a sample.

(CSU GE Area B4 • IGETC Area 2A)

***UC Credit Limit:** Mathematics 227, 228B, Sociology 125 and Statistics 101 combined: maximum credit, one course.

C-ID: MATH 110

228B Statistics Pathway Part II (5) *UC:CSU

Lecture 5 hours.

Prerequisite: Mathematics 228A with a grade of "C" or better.

Note: UC transferable for students applying to UC's Fall 2016 or later.

Note: Students must complete both Statway courses.

Note: Maximum UC Credit Limit: 4 semester/6 quarter units.

Students examine averages, variability, graphical techniques, probability, probability distributions including the Normal distribution and the Chi-Square distributions, hypothesis testing, sampling, estimation and confidence intervals, correlation, prediction, and linear regression. Students also perform ANOVA analysis. Emphasis is on the collection and analysis of data and how inferences about a population are made from a sample. Algebraic skills and techniques from both Elementary and Intermediate Algebra are integrated into the presentation of statistical methods; these include numeracy (calculation with rational numbers, signed numbers, and percents, estimating and rounding, converting units), proportional reasoning, writing and evaluating algebraic expressions, solving equations and inequalities, modeling situations with functions (evaluating and interpreting function values, representing functions graphically and algebraically, recognizing families of functions), with particular attention to linear and exponential functions.

(CSU GE Area B4 • IGETC Area 2A)

***UC Credit Limit:** Mathematics 227, 228B, Sociology 125 and Statistics 101 combined: maximum credit, one course.

C-ID: MATH 110

Sociology (SOC)

125 Statistics for the Social Sciences (3) UC:CSU

Lecture 3 hours.

Prerequisite: Mathematics 125 or 134 with a grade of "C" or better, or placement according to AB705.

This course covers the application of statistical methods to interpret, analyze, and describe quantitative data in social sciences. Topics include descriptive and inferential statistics usually include levels and types of measurement; measures of central tendency and dispersion; normal, t, and chi-square distributions; probability and hypothesis testing; correlation and regression. Applications of statistical software (SPSS) to sociology and/or other social science data is required to analyze data and report results using American Sociological Association (ASA) style.

(CSU GE Area B4)

***UC Credit Limit:** Mathematics 227, 228B, Sociology 125 and Statistics 101 combined: maximum credit, one course.

C-ID: SOCI 125

Statistics (STAT)

101 Statistics for the Social Sciences (4) *UC:CSU

Lecture 4 hours.

Prerequisite: Mathematics 125 or 134 with a grade of "C" or better.

This course covers introductory statistics in the social and behavioral sciences, including probability theory, hypothesis testing, and predictive techniques. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis, including the interpretation of statistical findings to address social and behavioral science research questions and practical applications. Use appropriate statistical techniques to analyze and interpret applications based on data from no fewer than four of the following disciplines: business, economics, sociology, psychology, political science, administration of justice, life science, physical science, health science, information technology, and education. Students will use statistical software to analyze data, report and interpret results in APA style. Emphasis is on conceptualization as well as data analysis.

(CSU GE Area B4 • IGETC Area 2A)

***UC Credit Limit:** Mathematics 227, 228B, Sociology 125 and Statistics 101 combined: maximum credit, one course.

C-ID: MATH 110

C-ID: SOCI 125

Courses with new C-ID approval

ANML SC (ANML SC)

520 Beef Production (3) CSU

Lecture 3 hours.

Corequisite: Concurrent enrollment in Animal Science 521. Previous completion of Animal Science 521 with a grade of "C" or better is allowable.

Students survey market beef production in the United States. Class discussions include beef cattle terms, breeds, breeding principles, nutrition, grades and classes of market cattle and carcasses, grading, selection of stock and feeder cattle, and scientifically based management decisions. Students analyze markets and functions, importance of by-products, necessary margin, and factors affecting economy and efficiency of gain. Diseases, veterinary procedures, and modern animal welfare concerns are also discussed.

C-ID: AG-AS 108 L (ANML SC 520 & 521)

521 Beef Production Laboratory (1) CSU

Laboratory 2 hours.

Corequisite: Concurrent enrollment in Animal Science 520. Previous completion of Animal Science 520 with a grade of "C" or better is allowable.

Students learn the practical application of the beef management industry. Farm management decisions and operational procedures are examined. Students apply their skills with the Pierce College herd.

C-ID: AG-AS 108 L (ANML SC 520 & 521)

Computer Science (CS)

111 Programming in Visual Basic (3) UC:CSU

Lecture 2 hours. Laboratory 2 hours.

Formerly CO SCI 508. Credit not given for both courses.

Students examine programming fundamentals using Visual Basic and VBA with an emphasis on business and engineering problem solving. Student examine event-driven programming, decision and looping structures, data types, file processing, program debugging, procedures, functions, Excel/VBA environment, and basic principles of interface design. Please check the transfer, degree, or certificate requirements. This course applies to some programs in CSIT department, but specifically not to Programming for Computer Science.

C-ID: ITIS 130

Computer Information Systems (CIS)

210 Introduction to Computer Networking (3) CSU

Lecture 2 hours. Laboratory 2 hours.

Formerly CO INFO 587. Credit not given for both courses.

Students explore the fundamentals of computer networking using network simulation and virtualization tools to learn about common network functionality and topologies; the functions and applications of the TCP/IP protocols; the relationship of the OSI model to TCP/IP-based networking; and basic router and switch architecture. The course also places a major focus on understanding IP Addressing rules, subnet masking, and CIDR. Additionally, the course will cover network cable types

and use. This also the first course in the Cisco Network Academy program for CCNA preparation.

C-ID: ITIS 150

227 Server Administration and Network Security (3) CSU

Lecture 2 hours. Laboratory 2 hours.

Formerly CO INFO 535. Credit not given for both courses.

Students learn strategies for deploying, installing, configuring and troubleshooting Windows Server operating systems and their application layer services. Students learn to identify environment issues; understand and comply with disaster recovery and physical / software security procedures; become familiar with industry terminology and concepts; understand server roles / specializations and interaction within the overall computing environment.

C-ID: ITIS 155

II. Corrections

Correction to Film, Television, and Electronic Media AS-T

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
Select two courses from the following:..... 6		
CINEMA 005	Introduction to Screenwriting.....	3
CINEMA 107	Understanding Motion Pictures.....	3
JOURNAL 100	Social Values in Mass Communication.....	3
List A: Select one audio and one video course from the following: 6		
Audio:		
BRDCSTG 010	Radio Programming and Production.....	3
MEDIART 110	Digital Film Sound.....	3
Video:		
MEDIART 101	Introduction to Digital Film/Video Production	3
List B: Select one course from the following: 3		
Any course not already used above		
CINEMA 003	History of Motion Pictures.....	3
List C: Select one course from the following: 3-6		
Any course not already used above or		
BRDCSTG 001	Fundamentals of Television and Radio Broadcasting.....	3
BRDCSTG 050*	Radio Documentary Production.....	6
BRDCSTG 103	Voice and Diction for Radio and Television	3
CINEMA 003	History of Motion Pictures.....	3
CINEMA 104	History of Documentary Film.....	3
CINEMA 113	History of Animation.....	3
MEDIART 104	Photoshop for Motion Pictures and Television.....	3
MEDIART 109*	Beginning Documentary Production Workshop.....	3
MEDIART 117	Introduction to Social Media.....	3
MEDIART 120	Digital Film Editing.....	3
MEDIART 801	Digital Media Storytelling.....	3
MEDIART 802	Introduction to Podcast.....	3
MEDIART 803	Introduction to Webcasting.....	2
MEDIART 805	Motion Graphics for Digital Video, Animation and New Media.....	3
MEDIART 807	Interactive Media for Mobile Platforms.....	3
PHOTO 009	Introduction to Cameras and Composition ...	3
PHOTO 027A	History & Aesthetics of Photography A.....	3
PHOTO 027B	History & Aesthetics of Photography B.....	3
PHOTO 037*	Visual Journalism: Photography, Video and Multimedia.....	4
MAJOR - TOTAL UNITS.....		18-21

AWARD	AWARD TYPE	MAJOR CODE	GE
Film, Television, and Electronic Media	AS-T	P035462H	IGETC (37 units) IGETC for UC† (34 units) CSU GE (39 units)

†An AA-T or AS-T may be awarded without IGETC 1C. However, without IGETC 1C the student will be ineligible for admission to a CSU campus. IGETC 1C must be completed prior to transfer to meet minimum CSU entrance requirements.

*See Catalog course description for prerequisites and/or corequisites.

Correction to Sociology AA-T

SOCIOLOGY

Associate of Arts for Transfer Degree (AA-T) (STATE CODE 35897)

This degree is intended for students transferring to a California State University campus. It is not a requirement for transfer but may give students an admission advantage at some CSU campuses. Not all CSU campuses accept this degree as fulfillment of lower-division major requirements. Students should meet with a counselor to determine if this degree is a good option for them. Information on which CSU campuses accept this degree can be found at <https://icangotocollege.com/>

PROGRAM INFORMATION

The Associate in Arts in Sociology for Transfer Degree (AA-T in Sociology) is intended for students who plan to transfer and complete a Bachelor's degree in Sociology at a CSU campus. Students completing the AA-T degree in Sociology are guaranteed admission to the CSU system, but not necessarily to a particular CSU campus or major of their choice. Students should consult with a counselor for more information on university admission and transfer requirements.

To complete the degree, students must fulfill the following Associate Degree for Transfer requirements (pursuant to SB1440):

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to a California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Obtainment of a minimum grade point average of 2.0.
- A grade of "C" or better (or "P" if the course is taken on a pass/no pass basis) in all courses required for the major or area of emphasis.

Note: Complete either the CSU GE or IGETC general education pattern. Effective Fall 2017, CSU GE Areas A1, A2, A3 and B4 must be completed with a grade of "C-" or higher per CSU EO 1100. All courses applied toward IGETC must be completed with a "C" or higher per the IGETC Standards.

AWARD	AWARD TYPE	MAJOR CODE	GE
Sociology	AA-T	P035897G	IGETC (37 units) IGETC for UC† (34 units) CSU GE (39 units)

†An AA-T or AS-T may be awarded without IGETC 1C. However, without IGETC 1C the student will be ineligible for admission to a CSU campus. IGETC 1C must be completed prior to transfer to meet minimum CSU entrance requirements.

*See Catalog course description for prerequisites and/or corequisites.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Students will be able to use the sociological imagination; that is the ability to situate their life in a social context and to understand the impact of social forces on the individual.
- Students will be able to use sociological theories to examine and evaluate how the social structure and institutions of American society lead to the emergence of social problems, issues, norms, values and suggest possible policy solutions where applicable.
- Students will be able to explain and analyze the main research approaches in sociology and apply them to an array of social issues. They will be able to use quantitative and qualitative methods of sociological analysis.

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
SOC 001	Introduction to Sociology.....	3
Select two courses from the following:		7-8
SOC 002	American Social Problems.....	3
MATH 227*	Statistics.....	4
OR		
MATH 228B*	Statistics Pathway Part II.....	5
OR		
STAT 101*	Statistics for the Social Sciences.....	4
List A: Select two courses from the following:		6
Any course not already used above		
SOC 003	Crime and Delinquency.....	3
SOC 004*	Sociological Analysis.....	3
SOC 011	Race and Ethnic Relations.....	3
SOC 013	Society and Personality.....	3
SOC 028	The Family: A Sociological Approach.....	3
SOC 031	Sociology of Gender.....	3
List B: Select one course from the following:		3
Any course not already used above		
SOC 015	Religion and American Society.....	3
SOC 021	Human Sexuality.....	3
SOC 029	The U.S. and Terrorism.....	3
SOC 035	The Labor Movement.....	3
SOC 037	Introduction to Political Sociology.....	3
SOC 086	Popular Culture.....	3
SOC 087	Sociology of Deviant Behavior.....	3
MAJOR - TOTAL UNITS.....		19-20

Correction to LAPC General Education Pattern 2022-2023

A. Natural Sciences

3 Sem/4 Qtr Units Minimum

ANATOMY 001; ANML SC 511; ANTHRO 101, 111; ASTRON 001, 002; BIOLOGY 003, 006, 007, 010, 011ABC, 012ABC, 110, 121, 122, 123; BIOTECH 003; CHEM 051, 060, 101, 102, 211, 212, 221; EARTH 003; ELECTRN 004A, 004B; ENV SCI 001, 002, 007; GEOG 001, 003, 015, 017, 019, 023; GEOLOGY 001, 002, 006, 007, 010, 012, 015, 022ABCDEF; METEOR 003, 004, 005; MICRO 001, 020; OCEANO 001, 010; PHYS SC 004, 006; PHYSICS 006, 007, 012, 066, 067, 101, 102, 103; PHYSIOL 001; PLNT SC 103, 711, 901; PSYCH 002, 073

B1. AMERICAN INSTITUTIONS

3 Sem/4 Qtr Units Minimum

CHICANO 007, 008; ECON 010; HISTORY 011, 012, 013, 044, 041, 042, 044, 052, 056; POL SCI 001, 019, 030

D2. COMMUNICATION AND ANALYTICAL THINKING

3 Sem/4 Qtr Units Minimum

ACCTG 001; ADM JUS 305; COMM 101, 104, 121, 122, 151, 190; CIS 173; CS 111, 112, 114, 131, 213, 216; FINANCE 001, 008; JOURNAL 109; LIB SCI 102; MATH 120, 125, 134, 215, 227, 228A, 228B, 238, 240, 260, 261, 262, 263; PHILOS 005, 006, 009; POL SCI 005; PSYCH 066, 074; SOC 004, 125; STAT 101

Correction to Orchard and Nursery Skills Skills Certificate

ORCHARD AND NURSERY SKILLS

Skills Certificate

Note: Skills Certificates will not appear on the students' official transcripts.

PROGRAM INFORMATION

This certificate program provides fundamental technical skills in Plant Science including integrated pest management, irrigation, soil conservation and plant nutrition. Students choose a specialized elective depending on their interest in

nursery, greenhouse, or orchard production. This skills certificate is recommended for students aiming to enhance their employability and earning potential by attaining skills in plant science, for landowners or lessees looking to start their own business, and for career-changers who have attained a Bachelor's degrees in another discipline.

CERTIFICATE - REQUIRED COURSES

SUBJECT	COURSE	UNITS
PLNT SC 103	Introduction to Soil Science.....	3
PLNT SC 711	Introduction to Plant Science.....	3
PLNT SC 820	Irrigation Design and Installation.....	3
PLNT SC 830	Sustainable Pest Control.....	3

CERTIFICATE - ELECTIVE COURSES

SUBJECT	COURSE	UNITS
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Select one course from the following:

PLNT SC 716	Arboriculture I (Care of Trees and Shrubs) 31	3
PLNT SC 756	Greenhouse Plant Production.....	3
PLNT SC 757	Plant Propagation and Production.....	3

CERTIFICATE - TOTAL UNITS..... 13-15

Correction to AP 4100 (Graduation Requirements for Degrees and Certificates)

AP 4100

Associate Degree Requirements

Unit Requirement

A minimum of 60 semester units of course credit in a selected curriculum with at least 18 semester units of study in a major or area of emphasis and at least 18 semester units of study in general education. The 18-unit major or area of emphasis unit minimum applies even when the units generated by the required courses exceeds 18 units. Thus, when a student meets a course requirement through any means other than enrolling in and successfully completing the required course(s) (e.g., credit-for-prior-learning, credit-by-exam, external course credit bearing fewer units, etc.), the student does not have to make up the difference between the 18-unit minimum and the listed major/area of emphasis unit totals listed in the college catalog.

Associate Degrees for Transfer, as defined in Education Code Section 66746, must be aligned with transfer model curricula as approved by the Chancellor of the California Community Colleges and must require 60 semester units for completion, with at least 18 units of study in a major/area of emphasis and completion of the Intersegmental General Education Transfer Curriculum (IGETC), the California State University General Education Breadth Requirements (CSU GE-Breadth Plan) or their variations as required for approval by the California Community Colleges Chancellor's Office.

Residency Requirement

Students must complete (i.e. earn) no fewer than 12 units at the college conferring the degree.

Exceptions to residency: The College President or designee may grant exceptions to residency to alleviate injustice or undue hardship upon review of student petition per established college protocol.

Scholarship Requirement

Local Associate Degrees: A "C" (2.0) cumulative grade point average or better in all degree applicable coursework in the curriculum upon which the degree is based including external degree applicable coursework used to meet degree requirements. When calculating the cumulative grade point average only include external coursework if it is being applied to satisfy a degree requirement (major, general education, elective).

Associate Degrees for Transfer: A "C" (2.0) cumulative grade point average in all CSU transferable coursework upon which the degree is based including external CSU transferable coursework used to meet degree requirements. When calculating the cumulative grade point average only include external coursework if it is being applied to satisfy a degree requirement (major, general education, elective).

Effective for all students admitted for the Fall 2009 term or any term thereafter, each course counted toward the major requirements must be completed with a grade of "C" or better or a "P" if the course is taken on a "pass-no pass" basis.

Additional Requirements

The associate degree also requires demonstrated competence in reading, written expression, and mathematics, and satisfactory completion of a course in ethnic studies.

Coursework used to satisfy these additional requirements may also be applied toward satisfaction of general education requirements and major/area of emphasis requirements.

Through the collegial consultation process, the Chancellor, acting on behalf of the Board of Trustees, shall rely primarily upon the recommendation of the District Academic Senate, to establish procedures for determining these additional requirements.

1. Reading and Written Expression Competency for the Associate Degree may be met by completion of any of the following:

i. Satisfactory completion of a course in English at the level of the course typically known as Freshman Composition. This requirement may also be met by satisfactory completion of an English course taught in another department or discipline that requires entrance skills at a level equivalent to those for Freshman Composition, or by demonstrating competency that is comparable to satisfactory completion of a specified English course. The equivalence of English coursework, and the methods of demonstrating comparable competency in written expression and reading is determined by the college/district.

ii. Verification of passing with a grade of C or P or higher Freshman Composition from any California Community College or the equivalent from any United States regionally accredited institution with a grade of C- or higher, or

Credit/Pass/Satisfactory if equivalent to a grade of C- or higher per the sending institution's transcript key.

iii. Verification of passing with a grade of C or P or higher a California Community College (CCC) course that meets the California State University General Education Breadth (CSUGE Breadth) requirement in Area A2: Written Communication and/or the Intersegmental General Education Transfer Curriculum (IGETC) in Area 1A: English Composition at the CCC where the course was taken including courses taken within the LACCD colleges.

iv. Achieving a satisfactory score on an external examination (such as, but not limited to an Advanced Placement Exam) as specified in LACCD Administrative Procedures.

2. Mathematics Competency for the Associate Degree may be met by completion of any of the following:

i. Satisfactory completion of a course in mathematics at or above the level of the course typically known as Intermediate Algebra (either Intermediate Algebra or another mathematics course at or above the same level, with the same rigor, and with Elementary Algebra as a prerequisite, approved locally). This requirement may also be met by satisfactory completion of a mathematics course taught in another department or discipline that requires entrance skills at a level equivalent to Intermediate Algebra, or by demonstrating competency that is comparable to satisfactory completion of a mathematics course at or above the level of the course typically known as Intermediate Algebra. The equivalence of mathematics coursework, and the method of demonstrating comparable competency in mathematics is determined by the college/district.

ii. Verification of satisfactory completion of any credit course (C- or higher, or the equivalent) or noncredit course (Satisfactory Progress (SP) or the equivalent) at or above the level of the course typically known as Intermediate Algebra or the equivalent from any United States regionally accredited secondary ("high school") or post-secondary institution. (Note: Non accredited secondary institutions shall be considered on a case-by-case basis.)

iii. Verification of passing with a grade of C or P or higher a California Community College course that meets the California State University General Education Breadth (CSUGE Breadth) requirement in Area B4: Mathematics/Quantitative Reasoning and/or the Intersegmental General Education Transfer Curriculum (IGETC) in Area 2A: Mathematical Concepts and Quantitative Reasoning at the CCC where the course was taken including courses taken within the LACCD colleges.

iv. Achieving a satisfactory score on an external examination (such as, but not limited to an Advanced Placement Exam) as specified in LACCD Administrative Procedures.

3. Ethnic Studies Course requirement for the Associate Degree may be met as follows:

i. Verification of passing with a grade of C or P or higher a transfer-level course (minimum of three semester units or four quarter units) in ethnic studies from any California Community College or the equivalent from any United

States regionally accredited institution with a grade of C- or higher, or Credit/Pass/Satisfactory if equivalent to a grade of C- or higher per the sending institution's transcript key. This requirement may be satisfied by obtaining a satisfactory grade in a course in ethnic studies taught in or on behalf of other departments and disciplines.

4. Students who maintain continuous catalog rights as defined in this administrative procedure may satisfy competency according to the requirements stated in college catalogs.

5. The District Academic Senate shall establish whether a course meets the competency requirements as established in this administrative procedure.

General Education Requirement

General Education is designed to introduce students to the variety of means through which people comprehend the modern world.

Developing and implementing a specific philosophy of General Education is a responsibility of each college, since each must be sensitive to the unique educational needs and learning environment of its students. Each college shall publish its statement of philosophy in their catalog.

The following general education plans are offered at the colleges of the Los Angeles Community College District: the LACCD General Education Plan; the California State University General Education Breadth Plan (CSU GE- Breadth Plan); the Intersegmental General Education Transfer Curriculum (IGETC); the Interstate Passport. The colleges of the LACCD shall not impose any requirements in addition to the CSUGE plan, IGETC, or Interstate Passport requirements, including any local college or district requirements, for students completing any of these general education plans for an associate degree.

Associate in Arts/Science Degrees may use any of the GE plans documented herein. Associate Degrees for Transfer must use the CSUGE Breadth plan or the IGETC or their variations as required for approval by the California Community Colleges Chancellor's Office.

I. LACCD General Education Plan

This associate-level general education plan is appropriate for students planning to earn an associate degree who do not plan to transfer to a baccalaureate granting institution.

LACCD General Education reciprocity: LACCD General Education requirements satisfied through a course or an examination at one LACCD college shall be accepted as fulfilling the same requirement(s) at the LACCD college granting the associate degree. (For coursework completed outside the LACCD, see AP 4051 Acceptance and Evaluation of External Coursework)

At least 21 semester/28 quarter units of general education coursework must be completed in the following areas, to include an ethnic studies course in at least one of the areas:

a. Area A: Natural Sciences (3 semester/4 quarter units minimum)

Courses in the natural sciences are those which examine the physical universe, its life forms, and its natural phenomena. This category includes introductory or

integrative courses in astronomy, biology, chemistry, general physical science, geology, meteorology, oceanography, physical geography, physical anthropology, physics and other scientific disciplines.

b. Area B: Social and Behavioral Sciences and American Institutions (6 semester/8 quarter units minimum)

Courses in the social and behavioral sciences are those which focus on people as members of society. This category includes introductory or integrative survey courses in cultural anthropology, cultural geography, economics, history, political science, psychology, sociology and related disciplines.

i. B1: American Institutions (3 semester/4 quarter units minimum)

ii. B2: Social and Behavioral Sciences (3 semester/4 quarter units minimum)

c. Area C: Humanities (3 semester/4 quarter units minimum)

Courses in the humanities are those which study the cultural activities and artistic expressions of human beings. Such courses include introductory or integrative courses in the arts, foreign languages, literature, philosophy, and religion.

d. Area D: Language and Rationality (6 semester/8 quarter units minimum)

Courses in language and rationality are those which develop for the student the principles and applications of language toward logical thought, clear and precise expression and critical evaluation of communication in whatever symbol system the student uses. Such courses include:

i. D1: English Composition (3 semester/4 quarter units minimum)

ii. D2: Communication and Analytical Thinking (3 semester units/4 quarter units minimum)

e. Area E: Health and Physical Education (3 semester units/4 quarter units minimum)

i. E1: Health Education (one course minimum)

ii. E2: Physical Education Activity (1 semester/1 quarter unit minimum)

Area E waivers for Prior Learning and high-unit Majors

1. Area E shall be waived for students who complete a degree in Nursing.

2. Area E shall be waived for students who have completed a Public Service Academy training as determined by local college protocol.

3. Area E shall be satisfied with credit for military service:

a. Military Personnel on Active Duty: documentation must verify at least 181 days of active duty

b. Former Military Personnel currently NOT on Active Duty: Active Duty documentation (DD 214)

must indicate student's length of service, which must include 181 days of active duty

4. High Unit Majors: After all double-counting of major units with general education units is completed, the number of units in Area E (E1 and/or E2) specified below shall be waived:

Degree major/area of emphasis total units:	Units in LACCD GE Area E (E1 and/or E2) that shall be waived:
39.5	0.5
40.0	1.0
40.5	1.5
41.0	2.0
41.5	2.5
42.0 or greater	3.0

II. California State University General Education Breadth Plan (CSU GE-Breadth Plan)

The CSU General Education-Breadth (GE-Breadth) program allows California community college transfer students to fulfill lower-division general education requirements for any CSU campus prior to transfer. This plan is governed by the California State University system. All requirements of the plan, including the scholarship requirement, are the purview of the California State University system.

Additionally, varied forms of the CSU GE Breadth plan approved by the CSU (such as, but not limited to "CSU GE for STEM") may be used in lieu of the standard CSU GE Breadth plan defined above for any major for which it is approved.

a. Guidelines for CSUGE Breadth Certification

i. A student must petition in order to obtain CSUGE Breadth Certification.

ii. LACCD colleges shall provide CSUGE Breadth Certification to students regardless of last California community college attended.

iii. CSUGE Breadth Certifications will be processed without regard to the student's current enrollment status or number of units accrued at the certifying college.

III. Intersegmental General Education Transfer Curriculum (IGETC)

The Intersegmental General Education Transfer Curriculum is a general education program that California Community College transfer students can use to fulfill lower-division general education requirements at a California State University or University of California campus. This plan is governed by the Intersegmental Committee of the Academic Senates (ICAS). All requirements of the plan, including the scholarship requirement, are the purview of ICAS.

Additionally, varied forms of the IGETC plan approved by the CSU and/or UC (such as, but not limited to "IGETC for STEM") may be used in lieu of the standard IGETC plan defined above for any major for which it is approved.

Guidelines for IGETC Certification (see the IGETC Standards)

IV. WICHE Interstate Passport

Students holding a WICHE Interstate Passport have satisfied the LACCD general education requirements and the Reading and Written Expression and Mathematics Competency Requirements.

Degrees Earned from Other United States Regionally Accredited Postsecondary Institutions

I. Associate Degrees

LACCD Associate Degree general education requirements are fully satisfied by students who have earned an Associate degree from a United States Regionally Accredited Institution. The Associate Degree competency requirements in mathematics and written expression must still be satisfied and will be evaluated on an individual student basis.

II. Bachelor's Degrees

LACCD Associate Degree general education requirements and mathematics and written expression competency requirements are fully satisfied by students who have earned a Bachelor's degree from a United States Regionally Accredited Postsecondary Institution.

III. California Community College Graduation Requirement in Ethnic Studies

All students must meet the Ethnic Studies course graduation requirement, regardless of the level of the previously earned degree, and will be evaluated on an individual basis.

Graduation Requirements for Associate Degree in Nursing

To obtain an associate degree in nursing, students who have baccalaureate or higher degrees from a United States Regionally Accredited Postsecondary Institution are only required to complete the course work that is unique and exclusively required for completion of the registered nursing program, including prerequisites and nursing course work.

These students are not to be required to complete any other courses required by the college for an associate degree.

Double-Counting of Coursework

A course may only be counted once for General Education purposes. However, a course may be used to simultaneously satisfy both a General Education requirement and a major/area of emphasis requirement. There is no limit on the number of courses that may be used simultaneously in this manner.

Students may also simultaneously apply the same course toward satisfaction of the LACCD General Education Plan, the CSU GE Breadth Certification requirements, the Intersegmental General Education Transfer Curriculum (IGETC) requirements and the WICHE Interstate Passport.

Associate Degrees for Transfer and Local Associate Degrees

A student who completes an Associate Degree for Transfer (ADT) in a particular major/area of emphasis may also be

awarded a local associate in the same major/area of emphasis provided that the student completes any additional coursework required for the local associate degree.

Conferring the Degree when offered at multiple LACCD Colleges

A student may choose to earn a degree from any college in the LACCD regardless of home college status provided that the student meets the associate degree residency requirement at the college selected by the student to confer the degree. While students may meet all requirements at multiple LACCD colleges, including residency, for the same degree, as defined by degree type and major title, only one degree will be awarded by the LACCD.

Additional and Concurrent Associate Degrees

Additional Associate Degrees: Students who have previously earned an associate degree or higher from a United States regionally accredited institution will be granted an additional associate degree when the following requirements have been met:

Pursuant to catalog rights, described herein, completion of all current degree requirements – i.e., scholarship, residency, competency, general education, and major requirements.

Major course requirements completed in previous degrees awarded can be used again for additional degrees. See AP 4051 Acceptance and Evaluation of External Coursework

There is no limit to the number of additional associate degrees that can be awarded provided that all the above requirements have been met.

Completion of any additional requirements, including new units, as determined by the college through collegial consultation with the college Academic Senate in accordance with the provisions of the Academic Senate and the Board of Trustees Shared Governance Board Policy (BP/AP 2510, Participation in Local Decision Making).

Concurrent degrees: Concurrent degrees are degrees awarded in the same semester. Students may petition and be awarded concurrent associate degrees in different majors if the following criteria are met:

- Pursuant to catalog rights, described above, completion of all current degree requirements: scholarship, residency, competency, general education, and major requirements.
- There is no maximum number of concurrent degrees that a student may be awarded.
- If a course is a major requirement for each concurrent degree, it may be applied toward satisfaction of each major degree requirement.

Completion of the General Education requirements for one associate degree will fulfill the general education requirements for additional and concurrent degrees, if the same general education pattern applies to the additional or concurrent degree. If each degree requires the completion of different general education patterns, the general education pattern of each degree must be fulfilled. Courses may be applied toward the general education requirements for each additional or concurrent degree.

Certificate of Achievement Requirements

Residency Requirement

There is no residency requirement. A student may choose to earn a certificate from any college in the LACCD regardless of home college status.

Unit Requirement

A minimum of 16 semester units is required for a certificate of achievement. The 16-unit minimum applies even when the units generated by the required courses exceeds 16 units. Thus, when a student meets a course requirement through any means other than enrolling in and successfully completing the required course(s) (e.g., credit-for-prior-learning, credit-by-exam, external course credit barring fewer units, etc), the student does not have to make up the difference between the 16-unit minimum and the listed unit totals listed in the college catalog.

Scholarship Requirement

Each course counted towards the certificate requirement must be completed with a grade of "C" or better, or a "P" if the course is taken on a "pass-no pass" basis. The CSUGE Breadth Certificate of Achievement is exempt from this requirement.

Conferring the Certificate when offered at multiple LACCD Colleges

A student may choose to earn a certificate from any college in the LACCD regardless of home college status. While students may meet all requirements for the same certificate at multiple LACCD colleges, as defined by certificate type and major title, only one certificate will be awarded by the LACCD.

Automatic Awarding of Certificates of Achievement

Students who have completed the degree requirements for which there is a paired Certificate of Achievement or other State approved and transcribed certificate(s), will be awarded the certificate(s) automatically.

Catalog Rights and Continuous Attendance

College catalogs cover an academic year that reflects enrollment beginning with the fall term and includes subsequent winter, spring and summer terms. Having "Catalog Rights" means students may choose to be held to the graduation requirements listed in the catalog at the time enrollment begins in the Los Angeles Community College District (LACCD), or for any subsequent catalog year during which they maintain continuous attendance.

"Continuous attendance" means attending at least one term (fall, winter, spring, summer) each academic year at any of the LACCD colleges. Courses with a "W" (withdrawal) count towards determining continuous attendance.

Students granted a "MW" (military withdrawal) or an "EW" (excused withdrawal) under the provisions of BP 4230 Grading and Academic Record Symbols, will be considered to be in "continuous attendance" for their required period of military service or excused withdrawal.

Exceptions to the Catalog Rights requirements stated in this procedure may be made at the discretion of the Articulation Officer on a case-by-case basis, in conjunction with discipline

faculty as appropriate, provided that exceptions are not more restrictive than what is stated in this procedure.

Retroactive Awards

Students who are no longer enrolled in the LACCD and who have previously met all the requirements for a degree or certificate, but never applied for graduation shall, upon request:

- be awarded the degree or certificate without the need to re-enroll in the LACCD.
- be awarded retroactively the degree or certificate in the last term in which the student maintained catalog rights.

Revoking Awards

Degrees, certificates and general education certifications (i.e., CSU GE-Breadth Plan, IGETC, WICHE Interstate Passport) shall not be revoked except in cases of student academic dishonesty (see AP 5530 Student Discipline).