

Los Angeles Pierce College 2023-2024 General Catalog Addendum A

KEY

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

New Programs

- Biotechnology AS
- Biotechnology Lab Assistant Certificate of Achievement
- Biotechnology Research Lab Assistant Certificate of Achievement
- Communication Studies 2.0 AA-T

New UC Transferable Courses

- The following course is UC transferable, effective Fall 2023: ART 116

Addition of Prerequisite to Courses

- Added prerequisite of GEOLOGY 001 to GEOLOGY 022A & GEOLOGY 022F

Removal of Prerequisite/Corequisite from Courses

- Prerequisites will be removed from the following courses, effective Spring 2024: ENGLISH 101, FINANCE 001, FINANCE 008, MATH 227, MATH 229, MATH 238, MATH 240S, SOC 125, and STAT 101
- Corequisites will be removed from the following courses, effective Winter 2024: ANML SC 596A, ANML SC 596B, ANML SC 596C, and ANML SC 596D

Corrections

- Corrected number of courses and semester/quarter units required for LAPC Intersegmental General Education Transfer Curriculum (IGETC) 2023-2024 Area 4 – Social and Behavioral Sciences
- Removal of Advanced Placement Credit language as AP 4236 supersedes local policy

Updates

- Added course to Agriculture Animal Sciences AS-T (ANML SC 596D to List A: Area 2)
- Added courses to Agriculture Plant Science AS-T (PLNT SC 800 & PLNT SC 801 to List A)
- Added course to Law, Public Policy, and Society AA-T (SOC 125 as an option)
- Added courses to Mathematics AS-T (MATH 227, MATH 228B, SOC 125, STAT 101 to List B)
- Added HEALTH 043 to General Studies: Gender Studies AA
- Added SOC 125 to General Studies: Science, Technology, Engineering & Mathematics AA
- Added SOC 125 to General Studies: Social and Behavioral Sciences AA
- Added MATH 240S to LA Pierce GE Area D2
- Removed ART 503 from Art AA

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- Updated title for Social Justice Studies AA-T to Social Justice: General AA-T
- Nursing department information
- Updated language to Anthropology AA-T List A
- Updated configuration to major required courses for Spanish AA-T
- Updated AP 4070 (Course Auditing and Auditing Fees)
- Updated AP 4100 (Graduation Requirements for Degrees and Certificates)
- Updated AP 4223 (Academic Honors)
- Updated AP 4250 (Probation)

New Programs

BIOTECHNOLOGY

Associate of Science Degree (STATE CODE 43098)

PROGRAM INFORMATION

The Biotechnology A.S. Degree is an interdisciplinary training program with coursework in Biotechnology, Chemistry, and other disciplines. Through the core Biotechnology courses, students will be introduced to a large breadth of topics including basic techniques in biotechnology laboratories, molecular biology, plant engineering, molecular diagnostic, quality and biomanufacturing. Students must complete the core Biotech courses, Chemistry, Microbiology, and Statistics courses. Students must also complete either General Biology course and 3 units Biotech internship for the "General Biotech" path, or three Plant Science courses (PLNT SC 711, PLNT SC 103, and either PLNT SC 726 or PLNT SC 727) for the "Plant Biotech" path. Together with the completion of a minimum of 32 units of General Education courses, students will earn an Associate of Science (A.S.) degree in Biotechnology. Upon completion of this A.S. degree, students will gain proficiency in both technical and employability skills to gain employment in Biotech industry. Examples of job titles include, but not limited to, Research Associate, Manufacturing Technician, Quality Associates, and Cell Culture Technicians. Students will also have the option to transfer to the 4-year Biomanufacturing programs at California Community Colleges.

TRANSFER STUDENTS

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early educational planning can make this goal achievable. You should meet with a counselor early in your studies to develop an Educational Plan that fulfills both transfer requirements and associate degree requirements.

See page 306 of this catalog for more information on transfer requirements and resources.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Employ the appropriate laboratory techniques effectively and safely with proper documentation, including the appropriate use of equipment and tools to produce an acceptable outcome when performing a technical laboratory task.
- Apply the knowledge of biological science to distinguish between observations, inferences, relationships, and testimonials under investigation.
- Demonstrate the ability to use sound ethical reasoning when discussing biological science and the use of biotechnological techniques.

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
BIOTECH 002	Biotechnology I	4
BIOTECH 003*	Biotechnology II	4
CHEM 051*	Fundamentals of Chemistry I or higher	5
OR		
CHEM 060*	Introduction to General Chemistry or higher	5
MATH 227*	Statistics	4
MICRO 020*	General Microbiology	4
Option 1: General Biotechnology		8
BIولوجY 006*	General Biology I	5
BIOTECH 385	Directed Study - Biotechnology or equivalent	3
Option 2: Plant Biotechnology		8-9
PLNT SC 103	Introduction to Soil Science	3
PLNT SC 711	Introduction to Plant Science	4
PLNT SC 726	Agricultural Genetics	2
OR		
PLNT SC 727	Plant Breeding Techniques	2

MAJOR - TOTAL UNITS 29-30

AWARD	AWARD TYPE	MAJOR CODE	GE
Biotechnology	AS	P043098C	CSU GE (39 units) CSU GE for STEM (33 units) IGETC (34-37 units) IGETC for STEM (31 units) LAPC GE (21 units)

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

BIOTECHNOLOGY LAB ASSISTANT

Certificate of Achievement (STATE CODE 42945)

PROGRAM INFORMATION

The Biotechnology Lab Assistant Certificate of Achievement is the entry level certificate within the stackable Biotech certificate with coursework in Biotechnology and Chemistry. Through two Biotechnology courses and an introductory Chemistry course, students will be equipped with essential laboratory skills to perform entry level lab procedures. Upon completion of this Certificate of Achievement, students will gain proficiency in both technical and employability skills to gain employment in Biotech industry. Examples of job titles include, but not limited to, Laboratory Technician and Manufacturing Technician. Upon the completion of the higher unit certificate of achievement or the Associate Degree, students will also have the option to transfer to the 4-year Biomanufacturing programs at California Community Colleges.

GAINFUL EMPLOYMENT

To find information about the careers for which this certificate prepares you, the costs associated with the program, median debt accumulated by students completing the program, and time to completion, please visit the Gainful Employment Disclosure website at: www.lapc.edu/academics/career.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Employ the appropriate laboratory techniques effectively and safely with proper documentation, including the appropriate use of equipment and tools to produce an acceptable outcome when performing a technical laboratory task.
- Apply the knowledge of biological science to distinguish between observations, inferences, relationships, and testimonials under investigation.
- Demonstrate the ability to use sound ethical reasoning when discussing biological science and the use of biotechnological techniques.

CERTIFICATE - REQUIRED COURSES

SUBJECT	COURSE	UNITS
BIOTECH 002	Biotechnology I.....	4
BIOTECH 003*	Biotechnology II.....	4
CHEM 051*	Fundamentals of Chemistry I or higher	5
OR		
CHEM 060*	Introduction to General Chemistry or higher.	5

CERTIFICATE - TOTAL UNITS 13

AWARD	AWARD TYPE	MAJOR CODE	GE
Biotechnology Lab Assistant	Certificate	P042945D	N/A

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

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BIOTECHNOLOGY RESEARCH LAB ASSISTANT

Certificate of Achievement (STATE CODE 43219)

PROGRAM INFORMATION

The Biotechnology Research Lab Assistant Certificate of Achievement is a part of the stackable Biotech certificate with coursework in Biotechnology, Microbiology, and Chemistry. Through the core Biotechnology courses, students will be introduced to a large breadth of topics including basic techniques in biotechnology laboratories, molecular biology, quality, and biomanufacturing. Students must complete the core Biotech courses, Chemistry, Microbiology, and a 3-unit Directed Study in Biotechnology to earn the Biotechnology Research Lab Assistant Certificate of Achievement. Upon completion of this A.S. degree, students will gain proficiency in both technical and employability skills to gain employment in Biotech industry. Examples of job titles include, but not limited to, Research Associate, Manufacturing Technician, and Quality Associates. Students will also have the option to transfer to the 4-year Biomanufacturing programs at California Community Colleges.

GAINFUL EMPLOYMENT

To find information about the careers for which this certificate prepares you, the costs associated with the program, median debt accumulated by students completing the program, and time to completion, please visit the Gainful Employment Disclosure website at: www.lapc.edu/academics/career.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Employ the appropriate laboratory techniques effectively and safely with proper documentation, including the appropriate use of equipment and tools to produce an acceptable outcome when performing a technical laboratory task.
- Apply the knowledge of biological science to distinguish between observations, inferences, relationships, and testimonials under investigation.
- Demonstrate the ability to use sound ethical reasoning when discussing biological science and the use of biotechnological techniques.

CERTIFICATE - REQUIRED COURSES

SUBJECT	COURSE	UNITS
BIOTECH 002	Biotechnology I	4
BIOTECH 003*	Biotechnology II	4
BIOTECH 385	Directed Study - Biotechnology or equivalent	3
CHEM 051*	Fundamentals of Chemistry I or higher	5
OR		
CHEM 060*	Introduction to General Chemistry or higher.	5
MICRO 020*	General Microbiology	4

CERTIFICATE - TOTAL UNITS 20

AWARD	AWARD TYPE	MAJOR CODE	GE
Biotechnology Research Lab Assistant	Certificate	P043219D	N/A

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

COMMUNICATION STUDIES 2.0

Associate of Arts for Transfer Degree (AA-T) (STATE CODE 43458)

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

Students pursuing the Associate of Arts for Transfer in Communication Studies 2.0 will engage in the study of oral, written, interpersonal, intercultural, and group communication studies, as well as argumentation. In addition, students will improve their critical thinking and understanding of human communication. The goal of the Communication Studies 2.0 degree is to provide students with a basic understanding of the field and a strong academic foundation in the social sciences from which to engage in coursework in Communication Studies at a California State University campus. This degree will help students with a seamless transfer to the California State University system.

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.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Students will be able to employ communication competence necessary to engage in personal, professional, civic, and intercultural relationships
- Students will be able to demonstrate and apply critical thinking skills in a variety of communication contexts.
- Students will be able to analyze their communication through self-reflection.

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
COMM 101	Public Speaking	3
COMM 121	Interpersonal Communication	3
List A: Select three courses from the following:		9
COMM 100	Introduction to Communication Studies	3
COMM 104	Argumentation and Debate	3
COMM 122	Intercultural Communication	3
COMM 130	Introduction to Oral Interpretation of Literature	3
COMM 151	Small Group Communication	3
List B: Select one courses from the following:		3
Any List A course not already used		
ANTHRO 102	Human Ways of Life: Cultural Anthropology	3
COMM 190	Communication and New Media	3
ENGLISH 103*	Composition and Critical Thinking.....	3
PSYCH 001	Introductory Psychology.....	3
SOC 001	Introduction to Sociology.....	3

MAJOR - TOTAL UNITS 18

AWARD	AWARD TYPE	MAJOR CODE	GE
Communication Studies 2.0	AA-T	P043458G	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.

New UC Transferable Courses

116 History of Women and Art (3) UC:CSU

Lecture 3 hours.

This introductory course surveys the history of women's contributions to the development of visual arts, with emphasis on the Western world from the Renaissance to the present. Students discuss art in its socio-political context, focusing on factors that impacted the role of women in patronage and production. They investigate methodological approaches, master art historical vocabulary, perform close visual analyses, and discuss the representation of women in visual culture.

Addition of Prerequisite to Courses

022A Geology Field Study - Mojave (1) CSU

Lecture 0.5 hour. Laboratory 1 hour.

Prerequisite: Geology 001 with a grade of "C" or better.

This course is offered as a pass/no pass course only.

This course offers students an opportunity to explore fundamental geological concepts in a field-based setting. Pre-trip meetings will orient students to the tectonic, petrologic, historical and geomorphological setting of the selected field area. This course includes a multi-day field excursions to various locales of geological interest and may involve camping in primitive wilderness environments. NOTE: This course is taught in one unit modules.

(CSU GE Area B3)

022F Geology Field Study - San Andreas Fault (1) CSU

Lecture 0.5 hour. Laboratory 1 hour.

Prerequisite: Geology 001 with a grade of "C" or better.

This course is offered as a pass/no pass course only.

This course offers students an opportunity to explore fundamental geological concepts in a field-based setting. Pre-trip meetings will orient students to the tectonic, petrologic, historical and geomorphological setting of the selected field area. This course includes multi-day field excursions to various locales of geological interest and may involve camping in primitive wilderness environments.

Removal of Prerequisite/Corequisite from Courses

101 College Reading and Composition I (3) UC:CSU

Lecture 3 hours.

Note: Eligibility to enroll in transfer-level English composition as determined by college assessment or other appropriate method per AB705. For courses completed outside of the LACCD, proof of eligibility must be taken to Counseling.

~~Prerequisite: English 028 with a grade of "C" or better, or appropriate skill level demonstrated through the English placement process.~~

Students gain proficiency in reading and writing through application of the principles of rhetoric and the techniques of

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critical thinking. A formal research paper is required. An understanding of the elements of grammar, punctuation, and sentence structure is crucial to successful completion of English 101. English 101 is required for AA and GE/transfer completion. Placement Advisory: ENGLISH 28 or appropriate placement per AB 705.

(CSU GE Area A2 • IGETC Area 1A)

C-ID: ENGL 100

001 Principles of Finance (3) UC:CSU

Lecture 3 hours.

Note: Completion of intermediate algebra or its equivalent. For courses completed outside of the LACCD, proof of eligibility must be taken to Counseling.

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

Students examine the principles of money, credit, banking, product pricing and marketing, and the role of the Federal Reserve System and government policy on the financial environment. Financial instruments, interest rates, capital management, money and capital markets and currency fluctuations and hedging for global business are analyzed, including detailed evaluations of the time value of money, and its application to calculations in personal and business finance.

(CSU GE Area B4)

008 Personal Finance and Investments (3) UC:CSU

Lecture 3 hours.

Note: Completion of intermediate algebra or its equivalent. For courses completed outside of the LACCD, proof of eligibility must be taken to Counseling.

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

Students are introduced to the concepts and tools necessary for the responsible allocation of personal resources. Exploration of the significant financial decisions facing each household during its life cycle, including budgeting, record keeping, consumer purchases, credit, home ownership, insurance, investing, retirement and estate planning, are emphasized.

(CSU GE Area B4)

227 Statistics (4) *UC:CSU

Lecture 4 hours.

Note: Completion of intermediate algebra or its equivalent. For courses completed outside of the LACCD, proof of eligibility must be taken to Counseling.

~~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

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229 Statistics for Data Science (4) UC:CSU

Lecture 4 hours.

Note: Completion of intermediate algebra or its equivalent. For courses completed outside of the LACCD, proof of eligibility must be taken to Counseling.

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

This course examines fundamental concepts that are the building blocks for data science work, include gathering and summarizing data (descriptive statistics) and relationships between variables, probability techniques, and distributions such as conditional probability and Bayes' Theorem, and hypothesis testing to facilitate decision-making (inferential statistics). This course analyzes the pros and cons in decision theory through the exploration of sampling and control limits. Students study correlation and regression analyses such as linear models for data science and multivariate regression and the application of technology for statistical analysis including the interpretation of the relevance of the statistical findings to data science. Students examine applications using data from disciplines such as engineering, business, natural and social sciences, and psychology. This course includes a hands-on approach to statistical analysis using the tools (statistical software) of choice, such as Python and R.

(CSU GE Area B4)

238 Calculus for Business and Social Science I (5) *UC:CSU

Lecture 5 hours.

Note: Completion of intermediate algebra or its equivalent. For courses completed outside of the LACCD, proof of eligibility must be taken to Counseling.

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

Math 238 students will study the techniques of calculus with emphasis placed on the application of these concepts to business and management related problems. The applications of derivatives and integrals of functions including polynomials, rational, exponential and logarithmic functions are studied.

(CSU GE Area B4 • IGETC Area 2A)

***UC Credit Limit:** Mathematics 238 and Mathematics 261 combined: maximum credit, one course.

C-ID: MATH 140

240S Trigonometry with Support (4) CSU

Lecture 3 hours. Laboratory 2 hours.

Note: Completion of intermediate algebra or its equivalent. For courses completed outside of the LACCD, proof of eligibility must be taken to Counseling.

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

Introduces trigonometric functions, their graphs, inverses, and fundamental identities. Trigonometric equations are solved. The laws of sines and cosines; vectors; scalar and vector products are introduced. Polar coordinates and equations are introduced and used to represent complex numbers.

(CSU GE Area B4)

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

Lecture 3 hours.

Note: Completion of intermediate algebra or its equivalent. For courses completed outside of the LACCD, proof of eligibility must be taken to Counseling.

~~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 • IGETC Area 2A)

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

C-ID: SOCI 125

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

Lecture 4 hours.

Note: Completion of intermediate algebra or its equivalent. For courses completed outside of the LACCD, proof of eligibility must be taken to Counseling.

~~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

596A Agricultural Enterprise Projects (1) CSU

Laboratory 3 hours.

~~Corequisite: Concurrent enrollment in Animal Science 501. Previous completion of Animal Science 501 with a grade of "C" or better is allowable.~~

This course involves the planning, development and completion of an individual or group animal project under the guidance of a faculty advisor on the Los Angeles Pierce College Farm. Usually, the project will involve the husbandry and health care of livestock animals or poultry, associated

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production costs, and eventual profit analysis at time of sale. The student will be assigned to one animal unit on the Pierce Farm. Animal Units on the Pierce Farm include: the Poultry Unit, Sheep Unit, Goat Unit, and the Cattle Unit.

596B Agricultural Enterprise Projects (2) CSU

Laboratory 6 hours.

~~Corequisite: Concurrent enrollment in Animal Science 501. Previous completion of Animal Science 501 with a grade of "C" or better is allowable.~~

This course involves the planning, development, and completion of an individual or group animal project under the guidance of a faculty advisor on the Los Angeles Pierce College Farm. Usually the project will involve the husbandry and health care of livestock animals or poultry, associated production costs, and eventual profit analysis at time of sale. The student will be assigned to one animal unit on the Pierce Farm. Animal Units on the Pierce Farm include: the Poultry Unit, Sheep Unit, Goat Unit, and the Cattle Unit. The student in this advanced course will examine advanced health techniques such as sample laboratory testing. For example, the student will analyze and interpret a blood mineral panel to assess deficiencies.

596C Agricultural Enterprise Projects (3) CSU

Laboratory 9 hours.

~~Corequisite: Concurrent enrollment in Animal Science 501. Previous completion of Animal Science 501 with a grade of "C" or better is allowable.~~

This course involves the planning, development, and completion of an individual or group animal project under the guidance of a faculty advisor on the Los Angeles Pierce College Farm. Usually the project will involve the husbandry and health care of livestock animals or poultry, associated production costs, and eventual profit analysis at time of sale. The student will be assigned to one animal unit on the Pierce Farm. Animal Units on the Pierce Farm include: the Poultry Unit, Sheep Unit, Goat Unit, and the Cattle Unit. The student in this advanced course will examine advanced health techniques such as sample laboratory testing. The student will also analyze the crop production associated with their animal unit. For example, students will analyze the farming techniques associated with the production of feed on the Pierce College pastures for the cattle.

596D Agricultural Enterprise Projects (4) CSU

Laboratory 12 hours.

~~Corequisite: Concurrent enrollment in Animal Science 501. Previous completion of Animal Science 501 with a grade of "C" or better is allowable.~~

This course involves the planning, development, and completion of an individual or group animal project under the guidance of a faculty advisor on the Los Angeles Pierce College Farm. Usually the project will involve the husbandry and health care of livestock animals or poultry, associated production costs, and eventual profit analysis at time of sale. The student will be assigned to one animal unit on the Pierce Farm. Animal Units on the Pierce Farm include: the Poultry Unit, Sheep Unit, Goat Unit, and the Cattle Unit. The student in this advanced course will examine crop production associated with their animal unit, advanced health techniques, and advanced reproductive techniques. For example, students will

learn the different synchronization protocols for reproductive efficiency.

Corrections

Corrected number of courses and semester/quarter units required for LAPC IGETC 2023-2024 Area 4

AREA 4 – Social and Behavioral Sciences

At least ~~3~~² courses from at least two academic disciplines. ~~96~~ semester or ~~42-45~~⁸ quarter units.

ADM JUS 001^{S06}, 002^{+S06}, 004^{+S06}, 067^{S06}; A S L 040^{F19}; ANTHRO 102, 105^{F01}, 106, 109, 121^{F22}, 132, 141^{F19}, 161^{F09}; BRDCSTG 001^{F09}; CHICANO 002^{S07}, 004^{F23}, 007^{F16}, 008^{F16}, 020^{F12}, 047^{F17}, 080^{S06}; CH DEV 001, 011^{F20}; COMM 100^{F16}, 121, 122^{S04}; ECON 001, 002, 010; EDUC 203^{F17}; GEOG 002, 007, 014; HISTORY 001^{F21}, 002^{F21}, 005, 006, 011, 012, 013, 019^{F17}, 029^{S06}, 041, 042, 044, 052, 056, 086^{F17} (^{F97-F13}), 087; JAPAN 009^{F19}; JOURNAL 100+, 251^{+F09}; POL SCI 001, 002, 005^{F08}, 007, 014, 019, 030^{F09}, 050^{F13}; PSYCH 001, 013, 014, 016^{F20}, 032, 041, 052, 066, 069^{F15}, 074^{F21}; SOC 001, 002, 003^{F03}, 004, 011^{F01}, 013, 015^{F07}, 021^{F07}, 028, 029^{S05}, 031^{F11}, 035^{F09}, 037^{F07}, 086^{F09}, 087^{F09}; SPANISH 009, 010, 016+

Removal of Advanced Placement Credit language as AP 4236 supersedes local policy

Advanced Placement Credit

~~1. Course Equivalency for the local Associate of Arts and Associate of Science Degrees Major Requirements and Certificates of Achievement Requirements~~

~~Faculty with the appropriate discipline expertise may establish criteria for granting course equivalencies for Advanced Placement (AP) exams. Course equivalency for AP exams toward satisfying major requirements for local Associate Degrees and Certificates of Achievement shall be granted only if criteria have been established by the appropriate discipline faculty and shall be based solely on the established criteria. At a minimum the criteria shall require that the student has earned a score of 3, 4, or 5. All course equivalencies and criteria shall be published in the college catalog. Discipline faculty are encouraged to use the AP scores and course equivalencies provided in Appendix B for guidance.~~

~~The granting of course equivalency does not determine the amount of unit credit awarded. The amount of unit credit awarded for each AP exam is stated in Appendix A.~~

~~2. Use of AP exams for meeting LAGCD General Education Requirements and Graduation Competency Requirements for the local Associate of Arts and Associate of Science Degrees~~

~~Advanced Placement (AP) Exams shall be used toward meeting General Education requirements and Graduation~~

~~Competency for the Associate of Arts and Associate of Science Degrees, as defined in Administrative Procedure 4100 Graduation Requirements for Degrees and Certificates.~~

~~Students must receive a passing score (3, 4, or 5) on an AP exam to receive the credit indicated in Appendix A.~~

~~3. Use of AP exams for meeting Associate Degree for Transfer major requirements:~~

~~Advanced Placement (AP) Exams shall be used toward meeting Associate Degree for Transfer major requirements as defined in Administrative Procedure 4100 Graduation Requirements for Degrees and Certificates.~~

~~Students must receive a passing score (3, 4, or 5) on an AP exam to receive the credit indicated in Appendix B.~~

~~Students who take an Advanced Placement (AP) exam, an International Baccalaureate (IB) exam or College-Level Examination Program (CLEP) exam in the same topic area will receive credit for only one exam. (For example, if a student takes both the CLEP exam in Biology and the AP exam in Biology, they will only be awarded credit for one exam because the topics are duplicative). The college should award credit for the exam that most benefits the student.~~

~~4. AP Unit Credit~~

~~For the purpose of granting unit credit applicable to the minimum of 60 units required for the local Associate degree and the Associate Degree for Transfer, the LACCD shall follow the guidelines for Advanced Placement credit set by the American Council on Education:~~

~~In general, the recommended minimum number of semester hours from ACE corresponds to the status of the corresponding high school AP course:~~

- ~~• 3 semester hours are recommended in the case of a half-year course~~
- ~~• 6 semester hours for most full-year courses~~
- ~~• 8 semester hours for some of the mathematics, sciences, and foreign languages~~

~~5. CSU GE Breadth and IGETC~~

~~The use of Advanced Placement exams on the California State University General Education Breadth (CSU GE Breadth) and the Intersegmental General Education Transfer Curriculum (IGETC) plans is determined by the University of California and California State University systems respectively. Refer to the current IGETC Standards and the current CSU Executive Order 1100 on external exams for applicability to the IGETC and CSU GE Breadth areas.~~

Updates

AGRICULTURE ANIMAL SCIENCES

Associate of Science for Transfer Degree (AS-T) (STATE CODE 37217)

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

An Animal Science major prepares students for careers in animal production, animal agriculture, and biotechnology. Animal Science includes a foundation in the sciences and the study of animals that produce food. Animal Science covers a broad range of topics including animal husbandry, animal production, animal nutrition, animal welfare, reproduction practices, basic veterinary skills, concepts in herd health, biosecurity practices, and farm management. The goal of the Associate of Science for Transfer Degree in Agriculture Animal Sciences degree is to provide students with a basic understanding of the field of Animal Science and a strong academic foundation in this field that would allow them to engage in upper-division coursework at a California State University campus. Thus, this Associate of Science Degree for Transfer degree prepares students to continue their education at a California State University campus and pursue a baccalaureate degree.

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.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Compare and contrast animal-related industries on a regional, national, and global level, and will be able to analyze them in a legal and political context.
- Compare and contrast species and breed differences in such critical areas as nutritional requirements, genetics, health, reproduction, animal welfare, and general management.
- Describe fundamental economic principles and their application to animal industries.
- Demonstrate a basic understanding of the chemical and physical makeup of animals that comprises animal biology.

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
ANML SC 501	Principles of Animal Science	3
CHEM 101*	General Chemistry I	5
ECON 001*	Principles of Microeconomics.....	3
MATH 227	Statistics.....	4
	OR	
MATH 228B*	Statistics Pathway Part II.....	5
	OR	
SOC 125	Statistics for the Social Sciences	3
	OR	
STAT 101	Statistics for the Social Sciences	4
List A: Area 1		4-6
ANML SC 520 &	Beef Production.....	3
ANML SC 521	Beef Production Laboratory.....	1
	OR	
ANML SC 530*	& Poultry Production	2
ANML SC 531*	& Poultry Production Laboratory	1
ANML SC 596C	Agricultural Enterprise Projects	3
	OR	
ANML SC 507*	& Small Ruminant Health and Management	3
ANML SC 596C	Agricultural Enterprise Projects	3
List A: Area 2		3-4
ANML SC 510	Animal Health and Disease Control	3
	OR	
ANML SC 596D	Agricultural Enterprise Projects	4

MAJOR - TOTAL UNITS **21-2526**

AWARD	AWARD TYPE	MAJOR CODE	GE
Agriculture Animal Sciences	AS-T	P037217H	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.

AGRICULTURE PLANT SCIENCE

Associate of Science for Transfer Degree (AS-T) (STATE CODE 35307)

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 AS-T in Agriculture Plant Science is an interdisciplinary degree that includes coursework in plant and soil science, chemistry, economics, and statistics. Students will be introduced to a broad range of topics including plant propagation, conducting research, conservation practices, basic laboratory skills, ornamental horticulture, and plant breeding and biotechnology. This program is formative for students interested in working in the ornamental horticulture or farming industries. The goal of this degree is to provide students with a basic understanding of the field of plant science and a strong academic foundation in this field of endeavor from which to engage in upper division coursework at a California State University campus. The Associate of Science Degree prepares students to continue their education at the California State University campus leading to a baccalaureate degree.

Associate in Science in Agriculture Plant Science for Transfer Degree (AS-T in Agriculture Plant Science) is intended for students who plan to transfer and complete a bachelor's degree in Plant Science at a CSU campus. Students completing the AS-T degree in Agriculture Plant Science 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 as this AS-T in Agriculture Plant Science may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system.

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.

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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.

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

LAW, PUBLIC POLICY, AND SOCIETY

Associate of Arts for Transfer Degree (AA-T) (STATE CODE 41780)

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 Law, Public Policy, and Society for Transfer Degree is intended for students who plan to transfer and complete a bachelor's degree in Law, Public Policy, and Society at a CSU campus. Students completing the AA-T degree in Law, Public Policy, and Society 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 course 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.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Demonstrate a breadth of knowledge and critical thinking skills as related to social science concepts and theories inclusive of legal and public policy analysis.
- Examine diverse viewpoints related to the human experience and the impact of legal and policy decisions on society.
- Produce evidence-based arguments regarding legal and public policy theories and decision making.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Apply knowledge of chemical reactions in the soil and biological pathways to plant nutrition problems.
- Apply the fundamentals of biotechnology and plant genetics to address food security challenges in the context of a growing population.
- Utilize plant propagation techniques such as micro-propagation, grafting, budding, and propagation from seeds and cuttings.
- Research using basic laboratory and field data collection techniques, analyze data, and interpret graphs, charts, figures, and the significance of scientific results.
- Manage greenhouse, landscape, and field crops using economics, soil science, and horticultural principles.

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
CHEM 101*	General Chemistry I	5
ECON 001*	Principles of Microeconomics.....	3
MATH 227	Statistics.....	4
	OR	
MATH 228B*	Statistics Pathway Part II.....	5
	OR	
STAT 101	Statistics for the Social Sciences	4
PLNT SC 103	Introduction to Soil Science.....	3
PLNT SC 711	Introduction to Plant Science.....	4
List A: Select one course from the following		3-5
CHEM 211*	Organic Chemistry for Science Majors I.....	5
PLNT SC 757	Plant Propagation and Production.....	3
PLNT SC 800	Plant Identification and Use I.....	3
PLNT SC 801	Plant Identification and Use II.....	3
List B: Select one course from the following		3
PLNT SC 714	Principles of Horticulture	3

MAJOR - TOTAL UNITS

25-28

AWARD	AWARD TYPE	MAJOR CODE	GE
Agriculture Plant Science	AS-T	P035307H	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.

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MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
ADM JUS 001	Introduction to Administration of Justice.....	3
	OR	
ADM JUS 002	Concepts of Criminal Law	3
	OR	
ADM JUS 004	Principles and Procedures of the Justice System	3
	OR	
BUS 005	Business Law I	3
COMM 101	Public Speaking	3
	OR	
COMM 104	Argumentation and Debate	3
	OR	
COMM 151	Small Group Communication	3
ENGLISH 101	College Reading and Composition I.....	3
COMM 104	Argumentation and Debate	3
	OR	
ENGLISH 103*	Composition and Critical Thinking.....	3
MATH 227	Statistics.....	4
	OR	
MATH 228B*	Statistics Pathway Part II.....	5
	OR	
SOC 125	Statistics for the Social Sciences	3
	OR	
STAT 101	Statistics for the Social Sciences	4
HISTORY 011	Political and Social History of the United States to 1877	3
	OR	
HISTORY 012	Political and Social History of the United States from 1865.....	3
PHILOS 020	Ethics	3
POL SCI 001	The Government of the United States.....	3
List A: Select two courses from at least two of the areas listed below		6
Courses must not have been used above.		
Area 1: Administrative of Justice/Criminal Justice/Criminology		
ADM JUS 001 ¹	Introduction to Administration of Justice.....	3
	OR	
ADM JUS 002 ¹	Concepts of Criminal Law	3
	OR	
ADM JUS 003	Legal Aspects of Evidence	3
	OR	
ADM JUS 004 ¹	Principles and Procedures of the Justice System	3
	OR	
ADM JUS 008	Juvenile Procedures.....	3
	OR	
ADM JUS 067	Community Relations I	3
	OR	
ADM JUS 075	Introduction to Corrections	3
	OR	
SOC 003	Crime and Delinquency	3

Area 2: Business

BUS 005¹ Business Law I.....3

Area 3: Economics

ECON 001* Principles of Microeconomics.....3

OR

ECON 002* Principles of Macroeconomics

Area 4: Political Science

POL SCI 002 Introduction to Comparative Politics.....3

OR

POL SCI 005 The History of Western Political Thought.....3

OR

POL SCI 007 Introduction to International Relations.....3

OR

POL SCI 050 Introduction to Research in Political Science 3

Area 5: Public Policy

PUB REL 001 Principles of Public Relations.....3

OR

SOC 002 American Social Problems.....3

Area 6: Diversity

ANTHRO 102 Human Ways of Life: Cultural Anthropology .3

OR

CHICANO 002 The Mexican-American in Contemporary Society

OR

CHICANO 007 The Mexican-American in the History of the United States I

OR

CHICANO 008 The Mexican-American in the History of the United States II

OR

CHICANO 020 The Mexican-American in California

OR

CHICANO 080 Chicano Politics

OR

COMM 122 Intercultural Communication

OR

GEOG 002 Cultural Elements of Geography

OR

HISTORY 041 The African American in the History of the U.S. I.....3

OR

HISTORY 042 The African American in the History of the U.S. II.....3

OR

HISTORY 044 The Mexican American in the History of the United States II

OR

HISTORY 052 The Role of Women in the History of the U.S.3

OR

SOC 011 Race and Ethnic Relations.....3

OR

SOC 031 Sociology of Gender

Area 7: College Success

COUNSEL 020 Post-Secondary Education: The Scope of Career Planning.....3

OR

COUNSEL 040 College Success Seminar.....3

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MAJOR - TOTAL UNITS 31-32

AWARD	AWARD TYPE	MAJOR CODE	GE
Law, Public Policy, and Society	AA-T	P041780G	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.

*Course may only be used in one area.

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

MATHEMATICS

Associate of Science for Transfer Degree (AS-T) (STATE CODE 30908)

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

Upon successful completion of the Los Angeles Pierce College Associate in Science in Mathematics for Transfer degree requirements, the student will have demonstrated an understanding of Calculus of one and several variables, Linear Algebra, Differential Equations, and Mechanics. This coursework will satisfy the lower division mathematics requirements at some of the California State University campuses.

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.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Model and solve applied problems using derivatives, integrals, systems of equations, and/or differential equations as appropriate.
- Interpret values of functions and solutions of equations in an applied context.
- Evaluate derivatives, integrals, and solutions to differential equations whether the problem is given algebraically, graphically, numerically, or verbally.

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
MATH 261*	Calculus I	5
MATH 262*	Calculus II	5
MATH 263*	Calculus III	5
List A: Select one course from the following:		3
MATH 270*	Linear Algebra.....	3
MATH 275*	Ordinary Differential Equations	3
List B: Select one course from the following:		3-5
CS 114*	Programming in C	3
CS 116	Programming in C++.....	3
MATH 227	Statistics	4
OR		
MATH 228B*	Statistics Pathway Part II	5
OR		
SOC 125	Statistics for the Social Sciences	3
OR		
STAT 101	Statistics for the Social Sciences	4
PHYSICS 101*	Physics for Engineers and Scientists I	5

MAJOR - TOTAL UNITS 21-23

AWARD	AWARD TYPE	MAJOR CODE	GE
Mathematics	AS-T	P030908H	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.

GENERAL STUDIES: GENDER STUDIES

(STATE CODE 30477)

The Gender Studies Area of Emphasis is designed to enable students to integrate courses in several disciplines and achieve a broad understanding of the complex and diverse roles of gender in American Society, past, present and future.

ANTHRO 109 (3 units); CHICANO 047 (3 units); ENGLISH 239 (3 units), 245 (3 units); HEALTH 008 (3 units), **043 (3 units)**; HISTORY 052 (3 units); POL SCI 019 (3 units); PSYCH 016 (3 units), 032 (3 units), 052 (3 units); SOC 021 (3 units), 028 (3 units), 031 (3 units)

GENDER STUDIES EMPHASIS TOTAL UNITS 18

AWARD	AWARD TYPE	MAJOR CODE	GE
General Studies: Gender Studies	AA	P030477C	CSU GE (39 units) CSU GE for STEM (33 units) IGETC (34-37 units) IGETC for STEM (31 units) LAPC GE (21 units)

GENERAL STUDIES: SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

(STATE CODE 19182)

This area of emphasis represents the core courses for students who want to explore a broad area of courses in the Sciences, Technology, Engineering or Mathematics. Students will develop an appreciation and understanding of the scientific method and an understanding of the relationships between science and other human activities.

Courses used to satisfy the Area of Emphasis may also count toward general education requirements. Courses from a minimum two (2) academic disciplines must be completed from within the chosen Area of Emphasis. Each course used toward the unit requirement must be completed with a "C" or better or a "P" if the course is taken on a "pass-no pass" basis.

ACCTG 001 (5 units), 002 (5 units); ANATOMY 001 (4 units); ANML SC 501 (3 units), 510 (3 units), 511 (3 units), 512 (1 unit); ANTHRO 101 (3 units), 111 (1 unit); ASTRON 001 (3 units), 002 (1 unit); BIOLOGY 003 (4 units), 006 (5 units), 007 (5 units), 010 (4 units), 011ABC (3 units), 012ABC (3 units), 110 (4 units), 121 (3 units), 122 (2 units), 123 (3 units); CHEM 051 (5 units), 060 (5 units), 101 (5 units), 102 (5 units), 211 (5 units), 212 (5 units), 221 (5 units); CS 114 (3 units), 116 (3 units), 130 (3 units), 136 (3 units), 216 (3 units), 230 (3 units), 236 (3 units); EARTH 003 (4 units); ELECTRN 004A (3 units), 004B (1 unit); ENG GEN 131 (3 units); ENV SCI 001 (3 units), 002 (3 units); GEOG 001 (3 units), 003 (3 units), 015 (2 units), 017 (5 units), 019 (2 units), 023 (3 units), 025 (4 units), 033 (3 units), 036 (3 units), 037 (1 unit) 038 (3 units); GIS 025 (4 units), 036 (3 units), 037 (1 unit); GEOLOGY 001 (3 units), 002 (3 units), 006 (2 units), 007 (3 units), 010 (3 units), 012 (3

units); MATH 215 (3 units), 227 (4 units), 228B (5 units), 238 (5 units), 240 (3 units), 260 (5 units), 261 (5 units), 262 (5 units), 263 (5 units), 270 (3 units), 275 (3 units); METEOR 003 (3 units), 004 (2 units), 005 (3 units); MICRO 001 (5 units), 020 (4 units); OCEANO 001 (3 units), 010 (2 units); PHYS SC 004 (4 units), 006 (3 units); PHYSICS 006 (4 units), 007 (4 units), 012 (3 units), 066 (5 units), 067 (5 units), 101 (5 units), 102 (5 units), 103 (5 units); PHYSIOL 001 (4 units); PLNT SC 103 (3 units), 711 (3 units), 714 (3 units), 828 (3 units), 901 (3 units); PSYCH 002 (3 units), 073 (1 unit), **SOC 125 (3 units)**; STAT 101 (4 units)

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS EMPHASIS TOTAL UNITS 18

AWARD	AWARD TYPE	MAJOR CODE	GE
General Studies: Science, Technology, Engineering & Mathematics	AA	P019182C	CSU GE (39 units) CSU GE for STEM (33 units) IGETC (34-37 units) IGETC for STEM (31 units) LAPC GE (21 units)

GENERAL STUDIES: SOCIAL AND BEHAVIORAL SCIENCES

(STATE CODE 19183)

This area of emphasis represents the core courses for students who want to explore a broad area of courses in the Social and Behavioral Sciences including Anthropology, Economics, Geography, History, Political Science, Psychology and Sociology.

Courses used to satisfy the Area of Emphasis may also count toward general education requirements. Courses from a minimum two (2) academic disciplines must be completed from within the chosen Area of Emphasis. Each course used toward the unit requirement must be completed with a "C" or better or a "P" if the course is taken on a "pass-no pass" basis.

ADDICST 015 (3 units); ADM JUS 001 (3 units), 002 (3 units), 004 (3 units), 067 (3 units), 174 (3 units), 305 (3 units); ANTHRO 101 (3 units), 102 (3 units), 105 (3 units), 106 (4 units), 109 (3 units), 111 (1 unit), 121 (3 units), 132 (3 units), 141 (3 units), 161 (3 units); ART 101 (3 units), 102 (3 units), 103 (3 units), 105 (3 units), 109 (3 units), 111 (3 units); BUS 005 (3 units); CAOT 032 (3 units), 082 (3 units); CHICANO 002 (3 units), 007 (3 units), 008 (3 units), 080 (3 units); CH DEV 001 (3 units); COMM 101 (3 units), 104 (3 units), 121 (3 units), 122 (3 units), 151 (3 units); COUNSEL 020 (3 units), 040 (3 units); ECON 001 (3 units), 002 (3 units), 010 (3 units); ENGLISH 101 (3 units), 102 (3 units), 103 (3 units); ENV SCI 001 (3 units); GEOG 001 (3 units), 002 (3 units), 003 (3 units), 007 (3 units), 014 (3 units), 015 (2 units); GEOG OR GIS 025 (4 units), 033 (3 units), 038 (3 units); HISTORY 001 (3 units), 002 (3 units), 005 (3 units), 006 (3 units), 011 (3 units), 012 (3 units), 013 (3 units), 029 (3 units), 041 (3 units), 042 (3 units), 044 (3 units), 052 (3 units), 056 (3 units), 086 (3 units), 087 (3 units); JOURNAL 100 (3 units), 109 (3 units), 251 (3 units); MATH 215 (3 units), 227 (4 units), 228B (5 units), 238 (5 units),

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240 (3 units), 260 (5 units), 261 (5 units), 262 (5 units), 263 (5 units); MEDIART 117 (3 units); PHILOS 005 (3 units), 006 (3 units), 009 (3 units); POL SCI 001 (3 units), 002 (3 units), 005 (3 units), 007 (3 units), 014 (3 units), 019 (3 units), 030 (3 units); PSYCH 001 (3 units), 002 (3 units), 013 (3 units), 014 (3 units), 016 (3 units), 032 (3 units), 041 (3 units), 052 (3 units), 060 (3 units), 066 (3 units), 069 (3 units), 073 (1 unit), 074 (3 units); SOC 001 (3 units), 002 (3 units), 003 (3 units), 004 (3 units), 011 (3 units), 013 (3 units), 015 (3 units), 021 (3 units), 028 (3 units), 029 (3 units), 035 (3 units), 037 (3 units), 086 (3 units), 087 (3 units); SPANISH 010 (3 units), 016 (3 units); **SOC 125 (3 units)**; STAT 101 (4 units)

SOCIAL AND BEHAVIORAL SCIENCES EMPHASIS TOTAL UNITS 18

AWARD	AWARD TYPE	MAJOR CODE	GE
General Studies: Social and Behavioral Sciences	AA	P019183C	CSU GE (39 units) CSU GE for STEM (33 units) IGETC (34-37 units) IGETC for STEM (31 units) LAPC GE (21 units)

LAPC GENERAL EDUCATION PATTERN 2023-2024

D2. COMMUNICATION AND ANALYTICAL THINKING

3 Sem/4 Qtr Units Minimum

ACCTG 001; ADM JUS 305; CIS 173; COMM 101, 104, 121, 122, 151, 190; 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, **240S**, 260, 261, 262, 263; PHILOS 005, 006, 009; POL SCI 005; PSYCH 066, 074; SOC 004, 125; STAT 101

NURSING

Associate of Science Degree (STATE CODE 02841)

PROGRAM INFORMATION

Los Angeles Pierce College offers an Associate of Science Degree. The Nursing Program is accredited by the California Board of Registered Nursing (see page 8 for information on accrediting agencies). The graduate is prepared to function as an entry-level nurse. Upon completion of the prescribed curriculum, the graduate is qualified to apply for licensure as a registered nurse in the State of California.

Nursing students receive clinical experience concurrently with classroom instruction. Nursing faculty teach and supervise clinical experiences. Local hospitals and other community health care agencies provide the clinical facilities where students, under supervision, administer direct nursing care to patients. Students must provide their own transportation.

Students must first be admitted into the Nursing Program before they may **take enroll in** nursing courses. Details are

available in the Counseling Office (818) 719-6440 and the Nursing Department (818) 719-6477. **Individuals who have documented military education and experience in health care occupations may be eligible for advanced placement.**

The following programs may be available for qualified individuals seeking career mobility: LVN-to-RN, LVN 30 Unit Option, Transfer and Credit-By-Exam options, and Foreign Nurse Graduate placement. These programs provide a certificate of completion or an Associate in Science degree with a major in Nursing. See the Department of Nursing for detailed information.

Portions of completed coursework from this program may be applied toward the attainment of a bachelor's degree in nursing. See a counselor for advice and information on transfer and G.E. certification.

Students must complete all of the following Nursing Program prerequisites prior to entering the program.

The faculty strongly encourages the completion of a Certified Nursing Assistant (CNA) program to enhance learning experiences.

For further information concerning course planning contact the Counseling Department at (818) 719-6440 or the Nursing Department at (818) 719-6477.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, students will:

- Utilize Marjory Gordon's Functional Health Patterns in client assessment to differentiate dysfunctional from functional health patterns.
- Utilize Doenges, Moorhouse, and Murr's Diagnostic Divisions (DMDDs), Quality and Safety Education for Nurses (QSEN), National Patient Safety Goals (NPSGs), and The Nursing Process to identify patient care priorities.
- Formulate realistic and scientifically based client care plans using North American Nursing Diagnosis Association (NANDA) nursing diagnoses.
- Provide timely, safe, and effective client centered care to a group of clients while demonstrating the use of logical critical thinking to determine actions.
- Perform continual evaluation of client care interventions and revise plans/care actions as required.
- Consistently demonstrate ethical and professional behavior while performing nursing care.

REQUIREMENTS FOR ADMISSION

Students must complete all Nursing Program prerequisites with a grade of "C" or better prior to applying to the program. Also, students must be in good academic standing and not be on academic or progress probation.

Eligibility to be considered for the lottery is based upon state guidelines designed to increase the probability of student success. These guidelines reflect: A cumulative grade point average (GPA) of 2.5 for all college coursework taken; an overall grade point average of 2.5 for the Human Anatomy, Human Physiology and Microbiology prerequisite courses with no grade less than "C" for each course and *no more than one repetition of any of these courses will be applied to the GPA*; College level, transferable English, minimum of three (3)

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semester units with a grade no less than a “C”. A “W” is considered an attempt at taking the course. However, course repetitions that are allowed pursuant to **Board Rule 6701-20 AP 4225** – Repetition of Courses **Not Designated as Repeatable in Which a Satisfactory Grade Was Recorded** – are exempt from this restriction.

NURSING PROGRAM PREREQUISITES (LACCD E-10 AP 4106)

The following list represents courses offered throughout the LACCD. Not all course combinations in Anatomy and Physiology are offered on each campus.

Course	Min. Requirements	District Course	Units
Anatomy	4 semester units w/ lab	ANATOMY 001 AND	4
Physiology	4 semester units w/ lab	PHYSIOL 001	4
Microbiology	4 or 5 semester units	MICRO 001	5
		OR MICRO 020	4
Math ¹	5 semester units	MATH 115 or higher	5
		OR Equivalent assessment score	
General Psychology	3 semester units	PSYCH 001	3
Life-Span Psychology	3 semester units	PSYCH 041	3
College Reading & Composition	3 semester units	ENGLISH 101	3

MAJOR PREP UNIT TOTAL **26-27**

While Chemistry (with lab) is no longer required as a prerequisite for LACCD Nursing programs, the course is highly recommended and is required for most RN-to-BSN programs.

¹Note: If you have completed placement, you have met this requirement and do not need to take MATH 115.

BIOLOGY 003 or 006; and CHEM 051 or 060 or 101 or PHYSIOL 001 are the prerequisites for MICRO 001 or 020 at LAPC. Courses meeting the program prerequisite requirements above may be taken at LAPC or at other institutions. To receive credit, course equivalency must be approved through the LAPC Counseling Department.

MATHEMATICS ADMISSION REQUIREMENT (LACCD ADMINISTRATIVE REGULATIONS E-10)

Math 115 Beginning Algebra or higher (5 units). A higher level Mathematics course may be required for graduation from the Nursing Program. See a Pierce counselor for details.

One course in Mathematics, or appropriate placement level is a prerequisite to the program. This prerequisite must be validated in accordance with the provisions of Title 5, California Code of Regulations, section 55201 and The Los Angeles Community College District Policy on Prerequisites, Corequisites and Advisories. The mathematics course or placement level must be a prerequisite to at least one course in the Nursing Program. **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. Exception: Associate Degree in Nursing Students who have a baccalaureate or higher degree from a United States Regionally Accredited Postsecondary Institution.**

APPLICATION & SELECTION PROCEDURE

Please consult the department website for application instructions and earliest filing period at www.lapc.edu/academics/departments/nursing-dept.

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
NURSING 400	Adult Health Care I.....	5
NURSING 402	Pharmacology.....	1
NURSING 403	Adult Health Care II.....	5
NURSING 404	Maternal and Newborn Health Care.....	4
NURSING 405*	Psychiatric Health Care.....	4
NURSING 406*	Adult Health Care III.....	5
NURSING 407	Geriatric Health Care.....	3
NURSING 408	Psychological Aspects of Health Care.....	1
NURSING 414*	Adult Health Care IV.....	5
NURSING 415*	Pediatric Health Care.....	4
NURSING 441	History, Trends and Issues of Nursing.....	1

MAJOR - TOTAL UNITS **38**

AWARD	AWARD TYPE	MAJOR CODE	GE
Nursing	AS	P002841C	CSU GE (39 units) CSU GE for STEM (33 units) IGETC (34-37 units) IGETC for STEM (31 units) LAPC GE (21 units)

[^]Nursing students who follow the LAPC GE are exempt from area E1 and E2.

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

ADDITIONAL GRADUATION REQUIREMENTS

1. **READING & WRITTEN EXPRESSION AND MATH COMPETENCY:** Students will meet the Reading & Written Expression competency requirement by completing English 101. Students must meet with a Pierce counselor to determine Math competency satisfaction.
2. **COMMUNICATION SKILLS:** One of the following Communication courses must be completed to graduate. The course may also be used to satisfy a general education requirement: COMM 101, 104, 121, 151. Must be completed with a grade of “C” or higher.
3. **SOCIAL SCIENCES:** One of the following Social Sciences courses must be completed to graduate. The course may also be used to satisfy a general education requirement. Anthropology 102, Sociology 001 or Sociology 002.

NURSING DEPARTMENT POLICIES

Specific program policies governing grading, withdrawal, readmission, probation and dismissal are available in the Nursing Student Handbook and from the Department of Nursing.

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The California Board of Registered Nursing may deny a license regulated by the Business and Professional Code, Section 480, on such grounds as: being convicted of a crime, acts of dishonesty; fraud or deceit, etc. Applicants who have questions regarding limitations related to licensure should contact the California Board of Registered Nursing (www.m.ca.gov).

DISMISSAL

- A. Students may be dismissed from the Nursing Program for failing to meet academic requirements, health requirements, and Program progression standards.
- B. Students may appeal their dismissal as follows:
 1. The student shall file a written petition to appeal his/her dismissal within fifteen (15) calendar days after they received the notification of dismissal. The petition shall clearly state the grounds on which continued enrollment should be granted, and shall provide supporting evidence.
 2. Petitions will be reviewed by an Appeals committee consisting of, at a minimum, the Director of the Nursing Program, a minimum of three (3) faculty members, and a student services administrator. The student shall be provided the opportunity to address the Committee.
 3. The decision of the Appeals Committee shall be communicated to the student, in writing, no later than ten (10) business days after the Committee meets.
 4. Students may file a formal student grievance, pursuant to [Administrative Regulation E-55 AP 5530](#), regarding dismissal from a Nursing Program.

Updated language to Anthropology AA-T List A

List A: Choose **one course 3 units minimum** from the following: **3-5**

ANTHRO 111	Laboratory in Human Biological Evolution....	1
ANTHRO 161	Introduction to Language and Linguistics.....	3
MATH 227	Statistics.....	4
	OR	
MATH 228B*	Statistics Pathway Part II.....	5
	OR	
SOC 125	Statistics for the Social Sciences	3
	OR	
STAT 101	Statistics for the Social Sciences	4

Updated configuration to major required courses for Spanish AA-T

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
NON-NATIVE TRACK		
SPANISH 001	Elementary Spanish I	5
SPANISH 002*	Elementary Spanish II	5
SPANISH 003*	Intermediate Spanish I	5
SPANISH 004*	Intermediate Spanish II	5

OR HERITAGE TRACK (FOR STUDENTS WHO SPEAK SPANISH AT HOME)

SPANISH 035	Spanish for Spanish Speakers I	5
SPANISH 036*	Spanish for Spanish Speakers II	5

Students who speak Spanish at home but have not been schooled in Spanish should begin the A.A.-T with Spanish 035 and complete the core with Spanish 036.

If a student places in SPANISH 004 or SPANISH 036, they fulfill the core requirements and will need to take additional units to compensate for the course/units required. Suggested substitutions can be taken from the "Additional Substitution Courses" list or any List A course not already used as a major elective.

If a student places out of any of the required core course(s) and is not awarded units for that course, the student will need to take additional units to compensate for the course/units required. Suggested substitutions can be taken from the "Additional Substitution Courses" list or any List A course not already used as a major elective.

Note: Language courses should be taken in sequence and must include either SPANISH 004 or SPANISH 036. Consult with the department regarding where to begin the sequence.

List A: Select one course from the following: **3-5**

ACCTG 001	Introductory Accounting I	5
COMM 100	Introduction to Communication Studies	3
COMM 121	Interpersonal Communication	3
ENGLISH 102*	College Reading and Composition II.....	3
ENGLISH 103*	Composition and Critical Thinking.....	3
ENGLISH 203*	World Literature I	3
HISTORY 005	History of the Americas I.....	3
HISTORY 006	History of the Americas II.....	3
PHILOS 005*	Critical Thinking and Composition.....	3
SPANISH 005*	Advanced Spanish Through Latin American Literature.....	5
SPANISH 006*	Advanced Spanish Through Spanish Literature	5
SPANISH 009	Civilization of Spain.....	3
SPANISH 010	Latin-American Civilization.....	3
SPANISH 027	Cultural Awareness Through Conversation ..	3
SPANISH 037*	Composition and Conversation for Spanish Speakers.....	5

Additional Substitution Courses

Any course from List A		
SPANISH 011	Great Books of Spanish Literature	3
SPANISH 012	Survey of Mexican Literature	3
SPANISH 015	Great Books of Latin American Literature	3
SPANISH 016	Mexican Civilization	3
SPANISH 025	Spanish American Short Story in Translation	3
SPANISH 026	Understanding Latin America Through Film..	3
SPANISH 065	Mexican Literature and Culture	3

MAJOR - TOTAL UNITS **20-25**

AWARD	AWARD TYPE	MAJOR CODE	GE

Spanish	AA-T	P032620G	IGETC (37 units) IGETC for UC† (34 units) CSU GE (39 units)
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†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.

AP 4070. Course Auditing and Auditing Fees

1. Persons who wish to audit a class must:
 - a. Complete an application and be authorized to register in the college.
 - b. Obtain the permission of the instructor of the class and agree that any participation in class activities by a student auditor will be solely at the discretion of the instructor, who may provide the auditor a written statement of the extent of participation allowed beyond observation.
 - c. Pay an audit fee of \$15 per unit.
 1. Students enrolled in ten or more credit units shall not be charged a fee to audit three or fewer semester units.
 2. Students who drop below the ten units of credit classes within the first two weeks will be subject to the audit fee.
 - d. Pay for instructional materials or other services which the student auditor uses in the class. (See Materials Fee List).
2. Auditors may not take priority over students desiring to take a course for credit.
3. A student who is currently enrolled in or has completed a credit course may be permitted to audit another section of the course.
4. A student may audit multiple sections of a course.
5. The name of a student auditor will appear on the permanent roster. However, the instructor shall not be required to record attendance, grades or other marks for a student auditor. The name of a student auditor will not appear on exclusion rosters. A record of courses in which a student enrolls as an auditor will not appear on the student's permanent record.
6. No refund shall be made of the auditing fee, unless the cancellation of enrollment was due to an action taken by the college.
7. A student auditing a course may not be permitted to change his or her enrollment in that course to receive credit for the course.

See [AP 4070](#).

AP 4100. Graduation Requirements for Degrees and Certificates

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).

Minimum Course Grade Requirements

Major coursework: 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.

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General Education coursework: The following indicates the course grade requirement for each general education plan.

- LACCD General Education Plan: Course grades of D- or better are permissible.
 - Some LACCD courses meet both a general education area and competency (math or reading and written expression). In cases where a student receives a grade lower than "C-", the course may be applied to the LACCD GE area even though it does not meet the minimum grade of "C-" for competency.
- California State University General Education Breadth Plan (CSU GE-Breadth Plan): Course grades of D- or better permissible except in Areas A1, A2, A3, B4 which require course grades of C- or better.
- Intersegmental General Education Transfer Curriculum (IGETC): Course grades of C or better required.

Elective coursework: Course grades of D- or higher permissible.

Competency Grade Requirements: See Additional Requirements section.

Additional Requirements

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

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:
 - a. 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.
 - b. 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.
 - c. 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.
- d. 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:
 - a. 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.
 - b. Verification of satisfactory completion of any credit course (C- or higher, or the equivalent) or noncredit course (Pass (P) 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.)
 - c. 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.
 - d. 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:
 - a. 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.

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- b. California Community College courses approved to meet an ethnic studies area in any intersegmental general education pattern.
 - c. Ethnic studies courses deemed by the college ethnic studies faculty to meet the California Community Colleges Ethnic Studies core competencies, and approved by the college academic senate or curriculum committee as appropriate per local processes.
 - d. Coursework used to meet the Ethnic Studies local graduation requirement may be double-counted on the LACCD general education plan where applicable.
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); and the Intersegmental General Education Transfer Curriculum (IGETC). The colleges of the LACCD shall not impose any requirements in addition to the CSUGE plan or IGETC 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.

1. 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 waived for Emergency Medical Technicians (EMT), Licensed Vocational Nurses (LVN) and Certified Nursing Assistants (CNA) as determined by local college protocol.
4. 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

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- 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
- 5. 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

2. 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 all local associate degrees.

- 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.

3. 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)

Degrees Earned from Other United States Regionally Accredited Postsecondary Institutions

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.

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.

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. Exception: Associate Degree in Nursing Students who have a baccalaureate or higher degree from a United States Regionally Accredited Postsecondary Institution.

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, a major/area of emphasis requirement and a local additional graduation requirement. There is no limit on the number of courses that may be used simultaneously in this manner. Unit credit for a course is only counted once.

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

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

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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.

Credit Certificate of Achievement Requirements

Unit Requirements

A Certificate of Achievement that requires a minimum of 16 semester units must be submitted to the California Community College Chancellor's Office (CCCCO) for approval. 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 baring 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.

A Certificate of Achievement that requires fewer than 16 units may be submitted to the CCCCCO for approval if it requires at least 8 units of degree-applicable coursework. The 8-unit minimum applies even when the units generated by the required courses exceeds 8 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 baring fewer units, etc.), the student does not have to make up the difference between the 8-unit minimum and the listed unit totals listed in the college catalog.

Refer to the CCCCCO Program and Course Approval Handbook for guidelines and requirements for Certificates of Achievement.

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.

Noncredit Certificates of Completion and Competency

Certificate of Competency

A Certificate of Competency prepares students to take non-degree-applicable credit coursework, including basic skills and English as a Second Language (ESL), or to take degree-applicable credit coursework leading to completion of a credit certificate, an associate of arts degree, or transfer to a baccalaureate institution.

Certificate of Completion

A Certificate of Completion may be awarded to students completing noncredit courses in a prescribed pathway, chaptered by the Chancellor's Office, leading to improved employability or job opportunities.

Scholarship Requirement

Each course counted towards the noncredit certificate requirement must be completed with a "P".

Credit Certificate of Achievement, Noncredit Certificate of Completion, and Noncredit

Certificate of Competency Residency and Conference

There is no residency requirement for Credit Certificates of Achievement, Noncredit Certificates of Completion, and Noncredit Certificates of Competency. When a student meets the requirements for conference of the same certificate at multiple LACCD colleges, as defined by the certificate type and major title, it shall be conferred at only one of those college according to the student's choice.

College-initiated Conference of Credit Certificates of Achievement, Noncredit Certificates of Completion, and Noncredit Certificates of Competency (aka, Auto-awarding)

A student's home college may confer a credit certificate of achievement, noncredit certificate of completion, or noncredit certificate of competency without the student initiating a graduation petition if all of the following are true:

1. The certificate is conferred in the term its requirements were completed per the conferring college's catalog in effect at the time or any previous version for which the student has maintained rights, and
2. The student is given the opportunity to opt out, and
3. During the opt-out period, the student does not opt out.

Degrees shall not be awarded in this manner.

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 United States regionally accredited post-secondary institution. Courses with a "W" (withdrawal) count towards determining continuous attendance. Credit and Noncredit coursework both count toward 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

Current and former students who completed a degree or certificate during the period in which they maintained catalog rights for it, but have not yet been awarded said degree or certificate, may have it conferred retroactively, effective in the term in which it was completed. This can occur without the need to re-enroll in the LACCD.

Revoking of Degrees, Certificates and General Education Certifications

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

Colleges shall approve any student-initiated petition to revoke a certificate of achievement, certificate of completion, or certificate of competency that was conferred by the college without a student-initiated petition (aka, via auto-awarding).

See [AP 4100](#).

AP 4223. Academic Honors

Colleges shall grant academic honors to students who demonstrate excellence in scholarship. This may be accomplished through inclusion on honors lists and/or graduation honors, as defined in this Administrative Procedure. Honors lists are a recognition of a student's academic excellence during a given semester or series of semesters, while graduation honors are a recognition of excellence over a student's academic career. Students who meet any of the requirements for stated in this Administrative Procedure shall automatically be granted any and all applicable academic honors.

I. DEANS' AND PRESIDENTS' HONOR LISTS

A. Definitions:

1. Full-Time Student: a student enrolled in 12 or more graded units in the qualifying semester.
2. Part-Time Student: a student enrolled in 6 to 11 graded units in the qualifying semester.
3. Qualifying Semester: the semester for which the student is considered for the Deans' Honor List.
4. Graded Units: courses in which grades of A, B, C, D, or F were received. Grades of "Pass," "No Pass" and "Incomplete" will not be counted in meeting the unit requirement for the LACCD Deans' or President's Honors List.

B. A student enrolled in the LACCD shall be placed on Deans' and President's Honor List, under the following conditions:

1. Deans' Honor List Requirements:

- a. Full-Time Deans' Honor List
 1. Twelve (12) or more graded units completed in the qualifying semester.
 2. Grade point average of 3.5 or higher in the qualifying semester.
- b. Part-Time Deans' Honor List
 1. Twelve (12) or more cumulative graded units completed in the LACCD.
 2. Grade point average of 3.5 or higher in the qualifying semester.
- c. All coursework completed in the LACCD will be used in calculating the cumulative grade point average.

2. President's Honor List Requirements:

Students who have appeared on the LACCD's Full-Time or Part-Time Deans' Honor for three or more consecutive semesters will be placed on the President's Honor List.

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c. Transcript Designation: The designation "Dean's Honor List" and "President's Honor List" will be automatically placed on qualifying students' transcripts.

II. GRADUATION HONORS

A. "Summa Cum Laude" Requirements:

1. Grade Point Average of 3.9 or higher, and
2. All degree-applicable coursework taken at LACCD colleges, and
3. A minimum of 24 units completed.

B. "Magna Cum Laude" Requirements:

1. Grade Point Average of 3.7 or higher, and
2. All degree-applicable coursework taken at LACCD colleges.

C. "Cum Laude" Requirements

1. Grade Point Average of 3.5 or higher, and
2. All degree-applicable coursework taken at LACCD colleges.

See [AP 4223](#).

AP 4250. Probation

I. Conditions for Probation

a. Academic Probation - A student who has attempted at least 12 semester units in LACCD as shown by the official academic record shall be placed on academic probation if the student has earned a grade point average below 2.0 in all units which were graded on the basis of the grading system (as defined in AP 4230 Grading, Academic Record Symbols, and Withdrawals).

b. Progress Probation - A student who has enrolled in a total of at least 12 semester units as shown by the official academic record shall be placed on progress probation when the student receives symbols of "W," "I," or "NP" (as defined in AP 4230 Grading, Academic Record Symbols, and Withdrawals) in fifty percent (50 percent) or more of all units in which a student has enrolled in LACCD.

II. Notification of Students

a. Each student is entitled to be notified electronically and by mail of his/her academic/progress status and the availability of college support services to respond to the academic/progress difficulties before the student is dismissed.

i. Each college shall notify students placed on academic or progress probation of their status no more than 30 days after the end of the term that resulted in academic or progress probation.

ii. Notification will consist, at a minimum, of the following:

1. At the end of the semester in which the student's grade point average falls below 2.0 in all units attempted, or in which the student receives symbols of "W," "I," or "NP" in 50% or more of units in which they are enrolled, a notice that the student is either on academic or progress probation shall be sent to the student informing him/her that of the probation status. "All units attempted" is defined as

all units of credit for which the student is enrolled in at the community college district that they attend.

2. The notification of probation shall include, at a minimum, the significance and ramifications of being on probation, and a description of the services available by the college.

3. The notification shall also clearly state that two consecutive primary terms of probation will lead to loss of the California Promise Grant.

iii. Each college shall make reasonable efforts to provide counseling and other support services to help students on probation overcome academic difficulties. Colleges should also help mitigate potential loss of the California Promise Grant and ensure that students have the opportunity to receive appropriate and adequate counseling, assessment, advising, and/or other services on a timely basis.

iv. Each college shall make reasonable efforts to notify a student of removal from probation and restoration of California Promise Grant within timelines established by the District.

v. Probation and loss of California Promise Grant policies and procedures shall be published in the college catalog.

b. At the end of the third semester on which the student is on academic or progress probation, a notice that the student is subject to dismissal will be sent to the student informing him/her that he/she is subject to dismissal.

c. A student may appeal probation determinations per AP 4255 Dismissal and Readmission.

III. Removal from Probation

a. A student on academic probation for a grade point deficiency shall be removed from probation when the student's accumulated grade point average is 2.0 or higher, including through academic renewal (see AP 4240 Academic Renewal).

b. A student on progress probation due to an excess of units for which entries of "W," "I," and "NP" and "NC" (as defined in AP 4230) are recorded shall be removed from probation when the percentage of said units drops below fifty percent (50%).

c. Removal of substandard grades through course repetition (see AP 4225 Course Repetition) or through academic renewal (see AP 4240 Academic Renewal) may be used to improve the student's GPA. If removal of substandard grades results in the student's cumulative GPA being 2.0 or higher, the student may request to have their academic standing reviewed for the purpose of being removed from probation.

IV. College Protocols

College protocols for enacting all provisions of this Administrative Procedure shall be developed in accordance with the provisions of Academic Senate and Board of Trustees Shared Governance Policy (see BP/AP 2510 Participation in Local Decision-Making).

See [AP 4250](#).