

2020-2021 General Education Pattern for Associate of Science (AS) Degree

• Courses may be listed in more than one area but will NOT be certified more than once, unless otherwise stated.

• For a course to meet an AA requirement, the course must be on the AA pattern during the academic year it is taken.

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Language and Rationality	grade of "C" or higher or "P").	PHYS 1A General Physics I
English Composition	3. Submit Documentation showing comple-	PHYS 1B General Physics II
Select 1 course; at least 3 units required	tion of one of the mathematics courses listed	PHYS 1C General Physics III
• Complete with a grade of 'C' or higher or 'P'	below (or equivalent) at another institution	PHYS 1D General Physics IV
ENG 1A Critical Reading and Composition	(with a grade of "C" or higher or "P").	PHYS 2A Introduction to Physics I
ENG 1AEX Critical Reading and Composition Expanded	CS 17 Discrete Mathematical Structures	PHYS 2B Introduction to Physics II
Communication and	MATH 1 Calculus I	PHYS 10 Descriptive Physics
	MATH 2 Calculus II	PHYS 10L Descriptive Physics Lab
Analytical Thinking	MATH 3 Multivariable Calculus	PSYC 4 Brain, Mind and Behavior
Select at least 1 course; at least 3 units required	MATH 5 Ordinary Differential Equations	Humanities
ASL 1A American Sign Language I	MATH 7 Elementary Linear Algebra	Select at least 1 course; at least 3 units required
ASL 1B American Sign Language II	MATH 10 Discrete Mathematical Structures	ASL 2A American Sign Language III
BUSN 33 Personal Financial Management and Planning	MATH 27 Number Systems for Educators	ASL 2B American Sign Language IV
BUSN 48 Human Relations in Organizations	MATH 30 College Algebra for STEM	ARHS 1 Introduction to Art History
BUSN 52 Business Communications		ARHS 2 Art of the Ancient Americas
CIS 7 Introduction to Programming Concepts & Methodologies	MATH 34 Calculus for Business and Social Sciences	ARHS 3 Arts of Africa, Oceana, and Indegenous North Americas
CIS 50 Introduction to Computing Information Technology	MATH 39 Trigonometry	ARHS 4 Western Art History - Ancient to Medieval
CMST 1 Fundamentals of Public Speaking	MATH 40 Statistics and Probability	ARHS 5 Western Art History - Renaissance to Contemporary
CMST 2 Oral Interpretation of Literature		ARHS 7 Modern Art History
CMST 4 Intro. to Communication Studies		ARHS 8 Asian Art History
CMST 10 Interpersonal Communication		ARTS 2A Introduction to Drawing
CMST 46 Argumentation and Debate CMST 48 Activities in Forensics		ARTS 3A Figure and Composition I
CM3 1 48 Activities in Forensics CS 1 Computing Fundamentals I	MATH 55 Intermediate Algebra for BSTEM	ARTS 4A Introduction to Ceramics
CS 17 Discrete Mathematical Structures	NMAT 250 Intermediate Algebra for SLAM	ARTS 7A Introduction to Watercolor Painting
	NMAT 255 Intermediate Algebra for BSTEM	ARTS 12A Oil/Acrylic Painting: Beginning I
FREN 1A Beginning French FREN 1B Elementary French	Natural Sciences	ARTS 23 2-D Design
ITLN 1A Beginning Italian	Select at least 1 course; at least 3 units required	CMST 2 Oral Interpretation of Literature
ITLN 1B Elementary Italian	ANTR 1 Biological Anthropology	CMST 5 Readers Theater
MSCM 1 Introduction to Reporting & Newswriting	ANTR 1L Biological Anthropology Lab	CMST 11 Intercultural Communication
MATH 1 Calculus I	ANTR 2L Archaeology Field Lab	ECE 61 Literature for the Young Child
MATH 2 Calculus I	ANTR 13 Introduction to Forensic Anthropology	ENG 4 Critical Thinking and Writing About Literature
MATH 3 Multivariable Calculus	ASTR 10 Introduction to Astronomy: The Solar System	ENG 7 Critical Thinking and Writing Across Disciplines
MATH 5 Ordinary Differential Equations	ASTR 20 Introduction to Astronomy: Stars and the Universe	ENG 11 Introduction to Creative Writing
MATH 7 Elementary Linear Algebra	ASTR 30L Introduction to Astronomy Lab	ENG 12A Craft of Writing Fiction
MATH 10 Discrete Mathematical Structures	BIO 1A General Botany	ENG 12B Craft of Writing Fiction: Intermediate
MATH 27 Number Systems for Educators	BIO 1B General Zoology	ENG 12C Craft of Writing Fiction: Advanced
MATH 30 College Algebra for STEM	BIO 1C Cell and Molecular Biology	ENG 13A The Craft of Writing Poetry: Beginning
MATH 33 Finite Mathematics	BIO 7A Human Anatomy	ENG 13B The Craft of Writing Poetry: Intermediate
MATH 34 Calculus for Business and Social Sciences	BIO 7B Human Physiology	ENG 20 Studies in Shakespeare
MATH 39 Trigonometry	BIO 7C Microbiology	ENG 32 U.S. Women's Literature
MATH 40 Statistics and Probability	BIO 10 Introduction to the Science of Biology	ENG 35 Modern American Literature
MATH 47 Mathematics for Liberal Arts	BIO 20 Contemporary Human Biology	ENG 41 Modern World Literature
MATH 50 Intermediate Algebra for SLAM	BIO 30 Introduction to College Biology	ENG 42 Literature of the African Diaspora in America
MATH 52A Technical Int. Algebra for Auto. Technology A*	BIO 40 Humans and the Environment	ENG 44 Literature of the American West
MATH 52B Technical Int. Algebra for Auto. Technology B*	BIO 50 Anatomy and Physiology	ENG 45 Studies in Fiction
MATH 53A Technical Intermediate Algebra for Welding A*	BIO 60 Marine Biology	FREN 2A Intermediate French I
MATH 53B Technical Intermediate Algebra for Welding B*	BIO 70 Field Biology	FREN 2B Intermediate French II
MATH 55 Intermediate Algebra for BSTEM	CHEM 1A General College Chemistry I CHEM 1B General College Chemistry II	GDDM 3 The History of Modern Design
PHIL 6 Introduction to Logic	CHEM 1B General College Chemistry II	GDDM 70 Photoshop and Lightroom for Photographers*
PHIL 8 Logic and Argumentation	CHEM 12A Organic Chemistry I	HIST 1 Western Civilization to 1600
SPAN 1A Beginning Spanish	CHEM 12B Organic Chemistry II	HIST 2 Western Civilization since 1600
SPAN 1B Elementary Spanish	CHEM 30A Intro and Applied Chemistry I	HIST 3 World History to 1500
SPAN 21 Spanish for Bilingual Spanish Speakers I	CHEM 30B Introductory and Applied Chemistry II	HIST 4 World History since 1500
SPAN 22 Spanish for Bilingual Spanish Speakers II	CHEM 31 Intro to College Chemistry	HIST 7 US History Through Reconstruction
SPAN 23 Introduction to Hispanic Literature	EVST 5 Energy and Sustainability	HIST 8 US History Post-Reconstruction HIST 14 History and American Cultures of California
THEA 3A Beginning Improvisation	GEOG 1 Introduction to Physical Geography	HIST 25 American Indian History
THEA 25 Fundamentals of Stage Speech	GEOG 1L Introduction to Physical Geography Laboratory	HIST 28 History of the American West
* Students must take both the A and B to meet this area	GEOG 8 Introduction to Atmospheric Science	HIST 32 U.S. Women's History
Mathematics	GEOG 12 Geography of California	HUMN 2 Introduction to Film Studies
Proficiency in Mathematics may be met in one		HUMN 3 Introduction to Humanities
of the following ways:	GEOL I Fllysical Geology	HUMN 4 Global Cinemas
1. Submit Documentation showing completion	GEOL IL FILYSICAI GEOLOGY LADORATORY	HUMN 6 Nature and Culture
of Algebra 2 or Integrated Math 3 in High	GLOL 2 Historical Geology with Lab	HUMN 10 American Arts and Ideas
School with a 'C' or higher, an AP score of 3 or	GEOL 5 Environmental Geology: Hazards & Disasters	HUMN 11 Culture and Arts I: Ancient World to Renaissance
higher, an IB score of 4 or higher, or a CLEP	GEOL 7 Env. Geology: Resources, Use Impact & Pollution	HUMN 12 Culture and the Arts II: The Modern World
score of 50 or higher.	GEOL 12 Introduction to Oceanography	HUMN 28 World Mythology
2. Complete one of the mathematics courses	GEOL 12L Intro to Oceanography Laboratory	MUS 1 Introduction to Music
listed below at Las Positas College (with a		MUS 3 World Music



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MUS 4 Jazz in American Culture MUS 5 American Cultures in Music MUS 6 Basic Music Skills MUS 8A Music Theory and Musicianship 1 MUS 8B Music Theory and Musicianship 2 MUS 12 Wind Ensemble MUS 13 History of Rock & Roll MUS 14 Jazz Workshop MUS 19 Studies in Music Composition MUS 20A Elementary Guitar MUS 21A Beginning Piano MUS 23A Elementary Voice I MUS 34 Music in Film MUS 37 Music Industry Career Development MUS 38 Applied Lesson MUS 44 Concert Choir MUS 45 Chamber Choir MUS 46 Vocal Jazz Ensemble PHIL 1 God, Nature, Human Nature PHIL 1H Honors Philosophy 1: God, Nature, Human Nat. PHIL 2 Ethics PHIL 2H Honors Philosophy 2: Ethics PHIL 3 Aesthetics PHIL 4 Intro to Philosophy: Knowledge PHIL 5 Feminist Philosophy PHIL 6 Introduction to Logic PHIL 8 Logic and Argumentation PHIC 67 History of Photography PHTO 70 Photoshop and Lightroom for Photographers* RELS 1 Religions of the World RELS 2 Bible: History and Literature RELS 3 Intro to Women's Spirituality RELS 11 The Nature of Islam SPAN 2A Intermediate Spanish I SPAN 2B Intermediate Spanish II SPAN 21 Spanish for Bilingual Spanish Speakers I SPAN 22 Spanish for Bilingual Spanish Speakers II SPAN 23 Introduction to Hispanic Literature THEA 1A Theory/Practice of Acting I THEA 1B Theory/Practice of Acting II THEA 4 American Cultures in Theater THEA 5 Theater for Young Audiences THEA 10 Introduction to Dramatic Arts THEA 11 Stage to Screen THEA 12 Film As Art & Communication THEA 14 Bay Area Theater THEA 52 Introduction to Design WLDT 71 Welding for the Arts Program-Based General Education At least 3 units required You will need 1 course to satisfy this area. The course is specific to each A.S. Degree Major; see the 2020-2021 Catalog or the A.S. program coordinator.

Social and Behavioral Sciences Select 1 course; at least 3 units required AJ 50 Intro to Admin of Justice

- AJ 56 Fundamentals of Crime and Delinquency
- AJ 60 Criminal Law
- AJ 66 Juvenile Procedures
- AJ 78 Introduction to Probation and Parole

ANTR 1 Biological Anthropology ANTR 2 Introduction to Archaeology ANTR 3 Cultural Anthropology ANTR 4 Language and Culture ANTR 5 Cultures of the U.S. in Global Perspective ANTR 6 Anthropology of Sex and Gender ANTR 7 Native American Cultures of North America ANTR 8 World Prehistory in Archaeological Perspective ANTR 12 Magic/Religion/Witchcraft/Healing ANTR 13 Introduction to Forensic Anthropology BUSN 18 Business Law **BUSN 20 International Business** BUSN 30 Business Ethics and Society CMST 3 Group Communication CMST 4 Introduction to Communication Studies CMST 10 Interpersonal Communication CMST 11 Intercultural Communication ECE 10 Introduction to Education ECE 56 Child Growth and Development ECE 62 Child, Family and Community ECE 79 Teaching in a Diverse Society ECON 1 Principles of Microeconomics ECON 2 Principles of Macroeconomics ECON 5 Economic History of the United States ECON 10 General Economics ENG 44 Literature of the American West GEOG 1 Introduction to Physical Geography GEOG 2 Cultural Geography GEOG 5 World Regional Geography GEOG 12 Geography of California GEOG 15 Introduction to GIS GS 1 Introduction to Global Studies GS 2 Global Issues HEA 3 Women's Health HEA 7 Introduction to Public Health HEA 11 Health and Social Justice HIST 1 Western Civilization to 1600 HIST 2 Western Civilization since 1600 HIST 3 World History to 1500 HIST 4 World History since 1500 HIST 7 US History Through Reconstruction HIST 8 US History Post-Reconstruction HIST 14 History and American Cultures of California HIST 25 American Indian History HIST 28 History of the American West HIST 32 U.S. Women's History MKTG 50 Introduction to Marketing MSCM 5 Introduction to Mass Communications MSCM 31 Introduction to Media PCN 3 Theories & Concepts of Counseling: An Introduction PCN 5 Introduction to Social Work & Human Services PCN 13 Multicultural Issues in Contemporary America POLI 7 Introduction to American Government POLI 12 Intro. to California State and Local Government POLI 20 Comparative Government POLI 25 Introduction to Political Theory POLI 26 Introduction to Gender, Sexuality, and Politics POLI 30 International Relations PSYC 1 General Psychology PSYC 3 Introduction to Social Psychology PSYC 4 Brain, Mind and Behavior

PSYC 13 Psychology of Women PSYC 15 Abnormal Child Psychology PSYC 17 The Psychology of Sleep and Dreams PSYC 21 Introduction to Cross-Cultural Psychology PSYC 25 Research Methods PSYC 27 Introduction to Cognitive Science SOC 1 Principles of Sociology SOC 3 Cultural and Racial Minorities SOC 4 Marriage and Family Relations SOC 5 Introduction to Global Studies SOC 6 Social Problems SOC 11 Sociology of Gender SOC 12 Popular Culture SOC 13 Research Methods WMST 1 Introduction to Women's Studies WMST 2 Global Perspective of Women **Kinesiology** Select at least 1 course; at least 1 unit required • Exemption from the Kinesiology requirement is allowed for illness or physical disability by filing a physician's statement at the Admissions & Records Office or for students who hold an AA/AS Degree or higher. • Veterans with DD214 honorable discharge receive a waiver for this area and 1 unit DANC 1 Introduction to Dance DANC 2A Jazz Dance Fundamentals/Beginning DANC 2B Jazz Dance Beginning/Intermediate DANC 3A Ballet Fundamentals/Beginning DANC 4A Modern/Contemporary Dance A DANC 4B Modern/Contemporary Dance B DANC 5A Dance Composition 5A DANC 5B Dance Composition 5B DANC 6B Dance Composition 5B DANC 6A Choreography for the Stage A DANC 6B Choreography for the Stage B FST 7 Fire Service Con. & Physical Agility Development Any Kinesiology Intercol. Athletics Course (KIN 32A-65) Any Kinesiology Activity Course (KIN AF1-ZUM1) American Cultures Complete 1 course with a grade of 'C' or higher or 'P • Where appropriate, the course can simultaneously satisfy 1 other graduate or subject area requirement. ANTR 5 Cultures of the U.S. in Global Perspective ANTR 7 Native American Cultures of North America CMST 11 Intercultural Communication ECE 79 Teaching in a Diverse Society ENG 44 Literature of the American West HIST 14 History and American Cultures of California HIST 28 History of the American West HIST 32 U.S. Women's History HUMN 10 American Arts and Ideas MUS 3 World Music MUS 4 Jazz in American Culture MUS 5 American Cultures in Music MUS 13 History of Rock & Roll PCN 3 Theories & Concepts of Counseling: An Introduction PCN 13 Multicultural Issues in Contemporary America POLI 12 Intro. to California State and Local Government POLI 26 Introduction to Gender, Sexuality, and Politics SOC 3 Cultural and Racial Minorities THEA 4 American Cultures in Theater WMST 1 Introduction to Women's Studies

Graduation Requirements

1. Select a major and complete all major requirements plus GE and electives to total 60 or more units.

2. Complete a minimum of 60 units with a cumulative grade point average of 2.0 or better.

3. Complete a minimum of 12 units at Las Positas College.

4. Complete all General Education (GE) Requirements for the Associate of Science Degree, IGETC (for CSU), or CSU GE-B.

PSYC 6 Abnormal Psychology

PSYC 12 Life-span Psychology

5. All courses required for the Major must be completed with a 'C' or 'P.'