

University Studies Change Proposal:

In 2017, the Curriculum Committee recommended University Studies be housed in Articulation for program assessment. In collaboration with Institutional Research and Planning, each program mapped to the general education institutional learning outcomes (GEILO) using the results of the GEILO reports:

- Written Communication (2014)
- Quantitative Reasoning (2014)
- Oral Communication (2013)
- Critical Thinking (2012)

The university studies program outcomes were successfully reported using this methodology. Consequently, after the mapping process, the need to assess each program area of knowledge became a critical need for authentic meaningful assessment. The findings include:

- Unclear goals and outcomes
- Insufficient requirements to ensure breadth and depth of knowledge area
- Considerable overlap with many associates degree programs including the ADT
- Continued student need for financial aid and veteran qualified programs
- The need to consolidate programs

The result of our findings include the following recommendations:

- Consolidate existing programs into five University Studies programs
 - Business Operations and Analysis
 - Social Sciences
 - Scientific Studies
 - Humanities and the Arts
 - Pre integrated Teacher Education Preparation (K-8)
- Demonstrate meaningful assessment integrating improved outcomes integrating knowledge area for each program
- Increase breadth and depth of knowledge area
- Reduce potential overlap with existing associate degrees
- Continue financial aid and veteran benefit eligibility
- Improve program goals
- Eliminate GEILO mapping

Business Operations and Analysis

The Associate in Science in University Studies Business Operations emphasizes the study of mathematical and computational theory in the preparation and analysis of business operations data. This degree helps facilitate transfer to the CSU, UC, and independent colleges and universities in majors such as Business Economics, Managerial Economics, Business and Data Analysis, Economics Managerial Science, Economics and Accounting, and Business Management Economics at locations such as UC Berkeley, UC San Diego, UC Irvine, UC Riverside, UC Santa Cruz, UC Los Angeles, and UC Davis. Upon completion of this program, students will be able to

- Prepare business operations data using computer information technology
- Create and analyze business operations data using computational theory and mathematical concepts

Students should consult with a Palomar College Academic Counselor as this degree accommodates a wide variety of majors and admission requirements and major preparation may vary.

Program Requirements

BUS 100

Take a minimum of 15 units with one course chosen from each area:

Area 1: Economics

ECON 101

ECON 102

Area 2: Accounting

ACCT 201

ACCT 202

Area 3: Computer Science

CSCI 112

CSCI 114

Area 4: Mathematical Analysis

BUS 204 or

MATH 120 or

PSYC/SOC 205

MATH 140

MATH 141

Social Sciences:

The Associate in Science in University Studies Social Science emphasizes the examination of social and political institutions, cultural and social organizations, and the framework for the behavior of both the individual and the group from a multicultural perspective. This degree helps facilitate transfer to the CSU, UC, and independent colleges and universities in majors such as American Studies, American Indian Studies, Africana Studies, Chicana and Chicano Studies, Ethnic Studies, Gender Studies, Lesbian, Gay, Bisexual and Transgender Studies, Media Studies and Religious Studies. Upon completion of this program, students will be able to

- Design and formulate research methods addressing problems in social and political institutions
- Evaluate the cultural and social organizations in which they exist
- Describe the framework for the behavior of **both** the individual **and** the group from a multicultural perspective

Students should consult with a Palomar College Academic Counselor as this degree accommodates a wide variety of majors and admission requirements and major preparation may vary.

Social Science Multicultural Perspectives

Take a minimum of six units from:

AIS 101, 110, 115, 125, 140, 165

AMS 200

ANTH 105, 107

AS 100, 101, 102, 120

COMM 105

CS 101, 102

ECON 115

GEOG 105

HIST 130, 140, 141, 150, 151

LS 240

MCS 100, 200

RS 102

SOC 115, 130, 135, 165, 175, 200

Political and Social Institutions

Take a minimum of six units from:

AIS 102

COMM 100

ECON 100, 101, 102, 110, 120, 125

GCMW 150

HIST 101, 102

LS 121

POSC 100, 101, 102, 110, 121, 240

RS 103, 108

Global Perspectives of the Social Sciences

Take a minimum of six units from:

ANTH 110, 115, 125, 126, 130, 140

AS 126

ASL 110

CHDV 100, 115, 172

CS 140

ENG 150

GEOG 103

HIST 105, 106, 107, 108, 121, 151, 160

MCS 125, 160

PSYC 100, 105, 110, 120, 125, 130, 211, 225, 235

SOC 100, 105, 110, 125, 170

SPCH 120

Scientific Studies

The Associate in Science in University Studies Scientific Studies emphasizes the investigation into scientific theory where students will apply the scientific method in the testing and examination of the hypothesis. This degree helps facilitate transfer to the CSU, UC, and independent colleges and universities in majors such as Aeronautical Engineering, Biological Engineering, Chemical Engineering, Civil Engineering, Cognitive Science, Computer Engineering, Computer Science, Construction Engineering, Data Science, Electrical Engineering, Engineering Physics, Environmental Science, Mechanical Engineering, Software Engineering, and Structural Engineering. Upon completion of this program, students will be able to

- Apply the scientific method to a research question
- Synthesize and evaluate their knowledge gained from applying the scientific method to a research question

Program Requirements:

Complete a minimum of six units from two different emphases and six additional units from any emphasis (18 units total):

Pre-Computer Science:

CSCI 112, 114, 146, 210, 212, 220, 222
PHYS 230, 231

Pre-Engineering:

BIOL 200, 201
CHEM 110, 110L, 115, 115L, 205, 220, 221
ENGR 210, 211, 235, 236, 245
PHYS 232

Physical and Earth Science:

ASTR 100, 155L, 120
ES 100, 100L, 115
GEOG 100, 100L, 110, 115, 125
GEOL 100, 100L, 120, 150, 150L
OCN 100, 100L
PHSC 100, 100L
PHYS 101, 102, 120, 121, 200, 201

Life Science:

ANTH 100, 100L, 101
BIOL 100, 101, 101L, 102, 105, 106, 110, 114, 114L, 118, 118L, 120, 125, 126, 126L, 130, 131, 131L, 135, 140, 141, 141L, 145, 145L

Humanities and the Arts

The Associate in Arts in University Studies Humanities and the Arts emphasizes the analysis of the diverse human experience portrayed in philosophical, historical, and literacy contexts and forms of art. This degree helps facilitate transfer to the CSU, UC, and independent colleges and universities in majors such as Arabic Studies, Applied Arts and Media, Chinese Studies, Linguistics, Literary Studies, and Visual and Performing Arts. Upon completion of this degree, students will be able to

- Analyze and assess human experiences from around the world portrayed in philosophical, historical and literary contexts
- Describe and appraise the human experiences symbolized in art forms from around the world
- Compare and contrast multicultural human experiences

Students should consult with a Palomar College Academic Counselor as this degree accommodates a wide variety of majors and admission requirements and major preparation may vary.

Compete a minimum of six units from each Area:

Area 1: Multicultural

AIS 100, 104, 105
AMS 100, 105
ARCH 121
CINE 122
DNCE 101, 102, 105
GC 115
HIST 130
MUS 102, 171
TA 100
AIS 100
AMS 100, 105
ANTH 135
CS 140
MCS 125
RS 101, 110

Area 2: Humanities

AIS 107B, 108A, 108B, 145, 150, 166B, 167A, 167B, 207A, 207B, 266A, 266B
ANTH 155
ARAB 201
CHIN 201
CINE 123
CS 100, 155
ENG 280
GC 102
HUM 100, 101
JAPN 130
MCS 160
RS 104, 105, 108

Area 3: Arts

AIS 135, 146
ARCH 120
ART 100, 163, 164, 165, 166, 169
CINE 100, 102, 103, 110, 120
DNCE 100
MUS 100, 101, 169
PHOT 125
TA 150

Pre Integrated Teacher Education Preparation (K-8) 55-56 units. Clears all CSUGE except one course in area D or E

The Associate in Arts in University Studies Pre Integrated Teacher Education Preparation (K-8) emphasizes a liberal arts education and examines the humanities, arts, and sciences. This degree helps facilitate transfer to the four-year college and university integrated teacher preparation programs approved by the California Commission on Teacher Credentialing. Upon completion of this program, students will be able to

- Compose effective communication strategies both orally and in writing
- Apply critical thinking skills to diverse academic works in the humanities, arts, and sciences

Students should consult with a Palomar College Academic Counselor as this degree accommodates a wide variety of majors and admission requirements and major preparation may vary.

Program Requirements (55-56 units, clears all CSUGE except one course in Area D or E)

HIST 101 and 107

GEOG 103 or 105

POSC 102

MATH 105 and 106

PHSC 101

BIOL 100 or

BIOL 101+101L

ES 100 or

GEOG 100

ENG 205

CHDV 100

KINE 102

Language: Choose one course from:

AIS 107A, 151, 166A

ASL 100

FREN 101

SPAN 101 or 211

GERM 101

ITAL 101

JAPN 101

ARAB 101

CHIN 101

Arts

Choose a minimum of 3 units from:

ART 102, 104, 105

DNCE 100, 145

MUS 103, 105

TA 115, 160