

Transfer acceptability: CSU; UC

This course is the third semester of French. This intermediate level course is a study of the French language and French-speaking cultures, focusing on intermediate level structures and readings of culturally relevant authentic materials. Emphasis is on developing oral, listening, reading and writing skills in order to acquire proficiency in French. Course combines in-class instruction with self-paced study in the World Languages Laboratory. Class is largely conducted in French.

FREN 202 French IV (5)

5 hours lecture

Prerequisite: A minimum grade of 'C' in FREN 201 or four years of high school French

Transfer acceptability: CSU; UC

This course is the fourth semester of French. This intermediate level course is a study of the French language and of special topics on the culture of the French-speaking world. Emphasis is on further development of oral, listening, reading and writing skills in order to improve communicative competence in French. Class is largely conducted in French.

FREN 215 Advanced French (3)

3 hours lecture

Prerequisite: A minimum grade of 'C' in FREN 202

Transfer acceptability: CSU; UC

Continuation of the French sequence. Intensive practice in spoken French; review of essentials of French grammar and composition.

FREN 296 Special Studies in French (1, 2, 3)

1, 2, or 3 hours lecture

Transfer acceptability: CSU

Improve French language competency and cultural awareness through individualized study, lectures or cultural activities.

General Studies

Contact the Counseling Center for further information.

(760) 744-1150, ext. 2179

Office: SSC-18A

Associate Degrees -

Degree requirements are listed in Section 6 (green pages).

- AA General Studies: Emphasis in Arts and Humanities
- AS General Studies: Emphasis in Science and Mathematics
- AA General Studies: Emphasis in Social and Behavioral Sciences

PROGRAMS OF STUDY

General Studies

This program is designed for students who may not be planning to transfer to a four-year college and who need to explore possibilities before committing themselves to a major program. The program may serve the purposes of students who have been out of school and who need to review and assess their academic skills and interests before deciding on a definite major program. Students planning to transfer to a four-year institution are cautioned that this curriculum may not provide for completion of the lower-division requirements for transfer to a four-year institution.

ASSOCIATE DEGREE MAJOR

Select An Area of Emphasis:

Students may earn only one General Studies degree.

Emphasis in Arts and Humanities**Select 18 units minimum**

Africana Studies 115, 116

American Indian Studies 100, 104, 105, 108A, 108B, 135, 145, 150, 153, 154, 166A, 166B, 207A, 207B

American Sign Language 100, 101, 110, 205, 206

American Studies 100, 105

Anthropology 135, 155

Arabic 101, 101A, 101B, 102, 102A, 102B, 201, 201A, 201B

Architecture 120, 121, 155

Art 100, 102, 104, 105, 163, 164, 165, 166, 167, 168

Chicano Studies 100, 105, 110, 115, 130, 135, 155

Chinese 101, 102, 201

Cinema 100, 102, 103, 110, 120, 122, 123

Dance 100, 101, 102, 105

Digital Broadcast Arts 100

English 202, 203, 205, 210, 211, 215, 220, 221, 225, 226, 230, 240, 245, 250, 255,

260, 265, 270, 280, 290

English as a Second Language 101, 102, 103

Fashion 130

Foreign Languages 108A, 108B, 207A, 207B

French 101, 102, 201, 202

German 101, 102, 201, 202

Graphic Communications 101, 102, 115

History 105, 106

Humanities 100, 101

Interior Design 115, 120

Italian 101, 102, 201

Japanese 101, 102, 201, 202

Judaic Studies 106

Multicultural Studies 115, 120, 122, 124, 125, 157

Music 100, 101, 102, 103, 170, 171

Philosophy 100, 101, 102, 103, 105, 110, 115, 120, 135, 136, 250

Photography 125

Reading 110, 120

Religious Studies 101, 105, 106, 108, 110, 124

Spanish 101, 101A, 101B, 102, 102A, 102B, 201, 201A, 201B, 202

Speech 100, 105, 115

Theatre Arts 100, 140, 141, 150, 157

Emphasis in Science and Mathematics***Select 18 units minimum**

Anthropology 100, 101

Astronomy 100, 120

Biology 100, 101, 102, 105, 106, 110, 114, 118, 130, 131, 135, 185, 200, 201

Botany 100, 101

Business 110

Chemistry 100, 104, 105, 110, 115, 205, 210, 220, 221

CSIS-Information Technology 105

Earth Sciences 100, 115

Engineering 210

Family and Consumer Sciences 165, 185

Geography 100, 110, 115, 125

Geology 100, 110, 120, 125, 150

Health 165

Mathematics 56, 60, 100, 105, 106, 110, 115, 120, 130, 135, 140, 141, 200, 205, 206, 245

Microbiology 200

Oceanography 100, 101

Physical Science 100, 101

Physics 101, 102, 120, 121, 200, 201, 230, 231, 232

Psychology 205, 210

Sociology 205

Zoology 100, 101, 120, 135, 145, 200, 203

*Although not listed, related lab courses may be included as part of the 18 unit minimum.

Emphasis in Social and Behavioral Sciences**Select 18 units minimum**

Administration of Justice 100

Africana Studies 100, 101, 102, 110, 120, 125, 126

Alcohol and Other Drug Studies 150

American Indian Studies 101, 102, 110, 115, 120, 125, 130, 140, 165

American Studies 104, 110, 200

Anthropology 105, 107, 110, 115, 125, 126, 130, 137, 140

Chicano Studies 101, 102, 120, 125

Child Development 100, 110, 115
 Communications 100, 105
 Counseling 100, 110, 115, 120
 Economics 100, 101, 102, 110, 115, 120
 English 150
 Family and Consumer Sciences 101, 105, 150
 Fashion 132
 Geography 103, 105
 Graphic Communications-Multimedia & Web 100
 Health 100
 History 101, 102, 107, 108, 121, 130, 140, 141, 150, 151
 Judaic Studies 107
 Legal Studies 121, 240
 Multicultural Studies 100, 110, 125, 165, 200
 Political Science 100, 101, 102, 110
 Psychology 100, 105, 110, 115, 120, 125, 130, 145, 150, 225, 235
 Religious Studies 102, 107, 108
 Sociology 100, 105, 110, 115, 120, 125, 130, 135, 145, 150, 200
 Speech 120, 131
 *Military Service

*Palomar College will accept a minimum of 3 units of ACE recommended credit for completion of Basic/Recruit Training. Refer to the Associate Degree District Requirements, under Health and Fitness or see a Counselor for more information.

Geography (GEOG)

Contact the Earth, Space, and Aviation Sciences Department for further information.

(760) 744-1150, ext. 2512

Office: NS-110G

Associate in Science Degree -

AS Degree requirements are listed in Section 6 (green pages).

- Advanced Geographic Information Systems

Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Advanced Geographic Information Systems

Certificates of Proficiency -

Certificate of Proficiency requirements are listed in Section 6 (green pages).

- Geographic Information Systems

PROGRAMS OF STUDY

Advanced Geographic Information Systems

The Advanced Geographic Information Systems (GIS) Certificate program at Palomar College is designed to provide students with the technical and theoretical knowledge needed to pursue a successful career in growing field of geospatial analysis. Through a combination of lectures, learning modules, case studies, internships, and projects, students will learn to manage, plan, and implement GIS projects.

A.S. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
GEOG 120 Introduction to Geographic Information Systems and GIS Software	4
GEOG 132 Database Management and Data Acquisition	4
GEOG 134 GIS Applications and Programming	2
GEOG 136 Intermediate ArcGIS: GIS Analysis	2
GEOG 138 GIS Internship	2
or	
GEOG 139 GIS Specialist Internship	2

Specialized concentration (Select 2 courses)

GEOG 140	Introduction to Remote Sensing	1
GEOG 141	Transportation Systems Analysis	1
GEOG 142	Environmental Applications of GIS	1
GEOG 143	Introduction to Cartography and Computer Mapping	1
GEOG 144	Internet Mapping and Application Development	3
GEOG 150	Geographic Information Science and Spatial Reasoning	3

Electives (Select 1 course)

CSIT 150	Introduction to SQL	3
CSWB 120	JavaScript	3
DT/ENGR 110	Technical Drafting I with AutoCAD	4

TOTAL UNITS

19 - 22

Geographic Information Systems

The Geographic Information Systems Certificate program is designed to provide entry-level training for students seeking employment in this fast-growing profession, or to upgrade the skills for those already working in the field of Geographic Information Systems. The program may be completed in one year including summer session.

CERTIFICATE OF PROFICIENCY

Program Requirements	Units
GEOG 120 Introduction to Geographic Information Systems and GIS Software	4
GEOG 132 Database Management and Data Acquisition	4
GEOG 134 GIS Applications and Programming	2
GEOG 136 Intermediate ArcGIS: GIS Analysis	2
GEOG 138 GIS Internship	2
or	
GEOG 139 GIS Specialist Internship	2
TOTAL UNITS	14

COURSE OFFERINGS

GEOG 100 Physical Geography (3)

3 hours lecture

Transfer acceptability: CSU; UC

A study of earth's physical environment with emphasis on weather, climate, landform, soils, and natural vegetation and the interrelationship between these elements within unique physical landscapes.

GEOG 100L Physical Geography Laboratory (1)

3 hours laboratory

Prerequisite: A minimum grade of 'C' in GEOG 100, or concurrent enrollment in GEOG 100

Transfer acceptability: CSU; UC

Laboratory and field investigations in weather elements, climate regions, soils, world ecosystems, and Earth's landform features. Satisfies laboratory requirement in physical sciences.

GEOG 103 World Regional Geography (3)

3 hours lecture

Transfer acceptability: CSU; UC

C-ID GEOG 125

Critical survey of the major world regions with specific focus on physical and cultural components, such as development, economics, population and migration, political structure, and natural resources and the physical environment.

GEOG 105 Introduction to Human Geography (3)

3 hours lecture

Transfer acceptability: CSU; UC

C-ID GEOG 155

Human elements of geography, including population distribution, general land use patterns, religion, trade and economy, and their correlation with the physical elements. Emphasis on world cultural regions with attention paid to interdependence and globalization.