

Interdisciplinary Studies

Overview

This Folsom Lake College major is intended for students who want a general background in the areas of arts and humanities, communication and English, social and behavioral sciences, or math and science at the community college level. Several options are offered in specific interest areas, but all are intended to give the student an interdisciplinary foundation for further study or an overview of the area chosen. Students who wish to transfer to a four-year college should consult with a counselor.

Career Options

- Administrator
- Archivist
- Attorney
- Employment Counselor
- Foreign Service
- Historian
- Human Service Careers
- Law
- Probation Officer
- Public Relations Consultant
- Religious Service
- Research
- Social Worker
- Teacher

Some career options may require more than two years of college study.

Highlights

- A valuable foundation for a variety of career or transfer opportunities
- Diversified and talented faculty
- Overview of theoretical and cultural principles

Program Maps

[Liberal Arts and Social Sciences Undecided Major \(/flc/main/doc/instruction/program-maps/LASS-Undecided-major.pdf\)](/flc/main/doc/instruction/program-maps/LASS-Undecided-major.pdf)

[Science, Technology, Engineering, and Mathematics Undecided Major \(/flc/main/doc/instruction/program-maps/STEM-Undecided-major.pdf\)](/flc/main/doc/instruction/program-maps/STEM-Undecided-major.pdf)

[Law, Public Policy, and Society, A.A.-T Degree \(/flc/main/doc/instruction/program-maps/Law-Public-Policy-and-Society-AAT.pdf\)](/flc/main/doc/instruction/program-maps/Law-Public-Policy-and-Society-AAT.pdf)

[Interdisciplinary Studies, Arts and Humanities, A.A. Degree \(/flc/main/doc/instruction/program-maps/INDIS-Art-and-Humanities-AA.pdf\)](/flc/main/doc/instruction/program-maps/INDIS-Art-and-Humanities-AA.pdf)

[Interdisciplinary Studies, Communication and English, A.A. Degree \(/flc/main/doc/instruction/program-maps/IS-Comm-English-AA.pdf\)](/flc/main/doc/instruction/program-maps/IS-Comm-English-AA.pdf)

[Interdisciplinary Studies, Math and Science, A.A. Degree \(/flc/main/doc/instruction/program-maps/IS-Math-Science.pdf\)](/flc/main/doc/instruction/program-maps/IS-Math-Science.pdf)

[Interdisciplinary Studies, Social and Behavioral Sciences, A.A. Degree \(/flc/main/doc/instruction/program-maps/IS-Social-and-Behaviorial-Science-AA.pdf\)](/flc/main/doc/instruction/program-maps/IS-Social-and-Behaviorial-Science-AA.pdf)

[Interdisciplinary Studies, Pre-Law, A.A. Degree \(/flc/main/doc/instruction/program-maps/IS-Pre-Law.pdf\)](/flc/main/doc/instruction/program-maps/IS-Pre-Law.pdf)

[Interdisciplinary Studies, STEM for Transfer, A.S. Degree \(/flc/main/doc/instruction/program-maps/INDIS-STEM-AS.pdf\)](/flc/main/doc/instruction/program-maps/INDIS-STEM-AS.pdf)

Dean [Carlos Lopez \(/about-us/contact-us/faculty-and-staff-directory/carlos-lopez\)](/about-us/contact-us/faculty-and-staff-directory/carlos-lopez)

Meta-Majors [Liberal Arts and Social Sciences \(/academics/meta-majors/liberal-arts-and-social-sciences\)](/academics/meta-majors/liberal-arts-and-social-sciences)
[Science, Technology, Engineering, and Mathematics \(/academics/meta-majors/science-technology-engineering-and-mathematics\)](/academics/meta-majors/science-technology-engineering-and-mathematics)

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Associate Degrees for Transfer

A.A.-T. in Law, Public Policy, and Society

The Associate in Arts for Transfer Degree in Law, Public Policy, and Society provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Law, Public Policy, and Society at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
 - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Catalog Date: June 1, 2020

Degree Requirements

COURSE CODE	COURSE TITLE	UNITS
ENGWR 300	College Composition	3
PHIL 310	Introduction to Ethics	3
POLS 301	Introduction to Government: United States	3
A minimum of 3 units from the following:		3
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ADMJ 322	Criminal Procedures (3)	
BUS 340	Business Law (3)	
BUS 345	Law and Society (3)	
A minimum of 3 units from the following:		3 ¹
COMM 301	Introduction to Public Speaking (3)	
COMM 311	Argumentation and Debate (3)	
COMM 331	Group Discussion (3)	
A minimum of 3 units from the following:		3
COMM 311	Argumentation and Debate (3)	
COMM 315	Persuasion (3)	
ENGWR 302	Advanced Composition and Critical Thinking (3)	
PHIL 320	Logic and Critical Reasoning (3)	
A minimum of 3 units from the following:		3
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT 300	Introduction to Probability and Statistics (4)	
A minimum of 3 units from the following:		3
HIST 310	History of the United States (3)	
HIST 311	History of the United States (3)	
A minimum of 6 units from the following:		6
<i>Select two courses from two of the areas listed below. Courses must not have been used to satisfy any of the requirements listed above.</i>		
Administration of Justice		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ADMJ 322	Criminal Procedures (3)	
ADMJ 323	Legal Aspects of Evidence (3)	
ADMJ 340	Introduction to Correctional Services (3)	
Business		
BUS 340	Business Law (3)	
Economics		
ECON 302	Principles of Macroeconomics (3)	
ECON 304	Principles of Microeconomics (3)	
Political Science		
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
Public Policy		
MGMT 310	Introduction to Public Management (3)	
MGMT 315	Government Relations and Policy Development (3)	
SOC 301	Social Problems (3)	
Diversity		
ADMJ 302	Community Relations: Multicultural Issues (3)	

COURSE CODE	COURSE TITLE	UNITS
ANTH 310	Cultural Anthropology (3)	
BUS 330	Managing Diversity in the Workplace (3)	
COMM 325	Intercultural Communication (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
PSYC 368	Cross Cultural Psychology (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
College Success		
HCD 310	College Success (3)	
Internship/Field Work		
<i>Select three units from the following:</i>		
ACCT 498	Work Experience in Accounting (1 - 4)	
ADMJ 498	Work Experience in Administration of Justice (1 - 4)	
ANTH 498	Work Experience in Anthropology (1 - 4)	
BIOL 498	Work Experience in Biology (1 - 4)	
BUS 498	Work Experience in Business (1 - 4)	
BUSTEC 498	Work Experience in Business Technology (1 - 4)	
CHEM 498	Work Experience in Chemistry (1 - 4)	
CISC 498	Work Experience in Computer Information Science - Core (1 - 4)	
COMM 498	Work Experience in Communication and Media Studies (1 - 4)	
DANCE 498	Work Experience in Dance (1 - 4)	
ECE 498	Work Experience in Early Childhood Education (1 - 4)	
ENVT 498	Work Experience in Environmental Technology (1 - 4)	
GERON 498	Work Experience in Gerontology (1 - 4)	
KINES 498	Work Experience in Physical Education (1 - 4)	
MGMT 498	Work Experience in Management (1 - 4)	
MKT 498	Work Experience in Marketing (1 - 4)	
MUSM 498	Work Experience in Music Specializations (1 - 4)	
NUTRI 498	Work Experience in Nutrition (1 - 4)	
PHOTO 498	Work Experience in Photography (1 - 4)	
SOC 498	Work Experience in Sociology (1 - 4)	
SWHS 498	Work Experience in Human Services (1 - 4)	
TA 498	Work Experience in Theatre Arts (1 - 4)	
WEXP 498	Work Experience in (Subject) (1 - 4)	
Total Units:		30

¹COMM 311 may be taken only once to complete program requirements.

The Associate in Arts in Law, Public Policy, and Society for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- communicate complex ideas clearly and persuasively in written and oral forms.
- demonstrate knowledge and understanding of public policy.
- evaluate arguments using evidence-based reasoning.
- demonstrate high - level critical thinking and analytical skills.

Career Information

This program is designed as a CSU transfer program for students seeking careers in law, public policy, and government.

Associate Degrees

A.A. in Interdisciplinary Studies: Arts and Humanities

The Interdisciplinary Studies degree is designed for students who wish to obtain a broad knowledge of arts and sciences plus additional coursework in a prescribed "Area of Emphasis". This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Arts and Humanities. These courses emphasize the study of cultural, literary, and humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities). Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments (Possible majors at a four-year institution include, but are not limited to: Art, English, Foreign Language, Humanities, Linguistics, Music, Philosophy, and Theatre Arts).

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

COURSE CODE	COURSE TITLE	UNITS
A minimum of 18 units from the following:		18
Select courses from at least three different disciplines.		
ART 300	Drawing and Composition I (3)	
ART 302	Drawing and Composition II (3)	
ART 304	Figure Drawing I (3)	
ART 305	Figure Drawing II (3)	
ART 308	Perspective Drawing (3)	
ART 310	Pen and Ink Drawing (3)	
ART 312	Portrait Drawing (3)	
ART 320	Design: Fundamentals (3)	
ART 323	Design: Color Theory (3)	
ART 327	Painting I (3)	
ART 328	Painting II (3)	
ART 332	Oil Painting (3)	
ART 334	Acrylic Painting (3)	
ART 336	Watercolor Painting (3)	
ART 337	Intermediate Watercolor Painting (3)	
ART 361	Printmaking: Survey (3)	
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
ART 373	Intermediate Sculpture (3)	
ART 383	Metal Design: Emphasis In Fabrication (3)	
ART 386	Intermediate Metal Design: Emphasis in Fabrication (3)	
ART 387	Intermediate Metal Design: Emphasis in Forming (3)	
ART 390	Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
ART 404	Intermediate Clay Sculpture (3)	
ART 430	Art and Children (3)	
ARTH 300	Introduction to Art (3)	
ARTH 303	Art Survey: Ancient to 14th Century (3)	
ARTH 304	Ancient Art (3)	
ARTH 306	Medieval Art (3)	
ARTH 307	Italian Renaissance Art (3)	
ARTH 309	Art Survey: Renaissance to 19th Century (3)	
ARTH 311	Art Survey: Modern Art (3)	
ARTH 312	Women in Art (3)	
ARTH 318	History of American Art (3)	
ARTH 324	Art of the Americas (3)	
ARTH 325	Native American Art History (3)	
ARTH 328	Survey of African Art (3)	
ARTH 330	Survey of African-American Art (3)	
ARTH 332	Asian Art (3)	
ARTH 333	Introduction to Islamic Art (3)	
COMM 305	Oral Interpretation (3)	
DANCE 380	World Dance History (3)	
ENG CW 400	Creative Writing (3)	
ENG CW 410	Fiction Writing Workshop (3)	
ENG CW 420	Poetry Writing Workshop (3)	
ENG CW 430	Creative Non-Fiction Writing Workshop (3)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 305	Introduction to the Novel (3)	
ENGLT 310	English Literature I (3)	
ENGLT 311	English Literature II (3)	
ENGLT 313	Arthurian and Chivalric Literature (3)	
ENGLT 319	Introduction to English Epic Poetry (3)	
ENGLT 320	American Literature I (3)	
ENGLT 321	American Literature II (3)	
ENGLT 330	African American Literature (3)	
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 340	World Literature I (3)	

COURSE CODE	COURSE TITLE	UNITS
ENGLT 341	World Literature II (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 360	Women in Literature (3)	
ENGLT 370	Children and Literature (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
ENGWR 301	College Composition and Literature (3)	
FREN 401	Elementary French (4)	
FREN 402	Elementary French (4)	
FREN 411	Intermediate French (4)	
FREN 412	Intermediate French (4)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST 310	History of the United States (3)	
HIST 311	History of the United States (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
HUM 300	Classical Humanities (3)	
HUM 310	Modern Humanities (3)	
HUM 320	Asian Humanities (3)	
HUM 325	Arts and Humanities of the Islamic World (3)	
HUM 332	American Humanities (3)	
MUFHL 300	Introduction to Music (3)	
MUFHL 308	Introduction to Music: Rock & Roll (3)	
MUFHL 310	Survey of Music History and Literature (Greek Antiquity to 1750) (3)	
MUFHL 311	Survey of Music History and Literature (1750 to the present) (3)	
MUFHL 321	Basic Musicianship (3)	
MUFHL 330	World Music (3)	
MUFHL 400	Music Theory and Musicianship I (4)	
MUFHL 401	Music Theory and Musicianship II (4)	
MUFHL 410	Music Theory and Musicianship III (4)	
MUFHL 411	Music Theory and Musicianship IV (4)	
MUIVI 310	Voice Class I (2)	
MUIVI 311	Voice Class II (2)	
MUIVI 345	Beginning Piano I (1 - 2)	
MUIVI 346	Beginning Piano II (1 - 2)	
MUIVI 370	Beginning Guitar (2)	
MUIVI 371	Intermediate Guitar (2)	
MUP 350	Concert Choir I (2)	
MUP 357	College Chorus (2)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 310	Introduction to Ethics (3)	
PHIL 330	History of Classical Philosophy (3)	
PHIL 331	History of Modern Philosophy (3)	
PHIL 350	Philosophy of Religion (3)	
PHIL 352	Introduction to World Religions (3)	
SILA 305	American Sign Language 1 (4)	
SILA 306	American Sign Language 2 (4)	
SILA 315	American Sign Language 3 (4)	
SILA 316	American Sign Language 4 (4)	
SPAN 401	Elementary Spanish (4)	
SPAN 402	Elementary Spanish (4)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
TA 300	Introduction to the Theatre (3)	
TA 302	History and Theory of the Theatre I (3)	
TA 303	History and Theory of the Theatre II (3)	
TA 304	Women in Theatre (3)	
TA 340	Beginning Acting (3)	
TA 350	Theory and Techniques of Acting I (3)	
TA 351	Theory and Techniques of Acting II (3)	
TA 422	Stage Lighting (3)	
TAFILM 300	Introduction to Film (3)	
TAFILM 303	History of Film: 1880's through 1950's (3)	
TAFILM 304	History of Film: 1950's to Present (3)	

COURSE CODE	COURSE TITLE	UNITS
TAFILM 330	Film Making (3)	
TAFILM 360	Screenwriting (3)	
TAP 300	Modern Rehearsal and Performance I (1 - 3)	
TAP 301	Modern Rehearsal and Performance II (1 - 3)	
TAP 302	Modern Rehearsal and Performance III (1 - 3)	
TAP 303	Modern Rehearsal and Performance IV (1 - 3)	
TAP 310	Modern Technical Production I (1 - 3)	
TAP 311	Modern Technical Production II (1 - 3)	
TAP 312	Modern Technical Production III (1 - 3)	
TAP 313	Modern Technical Production IV (1 - 3)	
TAP 320	Classical Rehearsal and Performance I (1 - 3)	
TAP 321	Classical Rehearsal and Performance II (1 - 3)	
TAP 322	Classical Rehearsal and Performance III (1 - 3)	
TAP 323	Classical Rehearsal and Performance IV (1 - 3)	
TAP 330	Classical Technical Production I (1 - 3)	
TAP 331	Classical Technical Production II (1 - 3)	
TAP 332	Classical Technical Production III (1 - 3)	
TAP 333	Classical Technical Production IV (1 - 3)	
TAP 340	Musical Rehearsal and Performance I (1 - 3)	
TAP 341	Musical Rehearsal and Performance II (1 - 3)	
TAP 342	Musical Rehearsal and Performance III (1 - 3)	
TAP 343	Musical Rehearsal and Performance IV (1 - 3)	
TAP 350	Musical Technical Production I (1 - 3)	
TAP 351	Musical Technical Production II (1 - 3)	
TAP 352	Musical Technical Production III (1 - 3)	
TAP 353	Musical Technical Production IV (1 - 3)	
TAP 360	Children's Theatre Rehearsal and Performance I (1 - 3)	
TAP 361	Children's Theatre Rehearsal and Performance II (1 - 3)	
TAP 362	Children's Theatre Rehearsal and Performance III (1 - 3)	
TAP 363	Children's Theatre Rehearsal and Performance IV (1 - 3)	
TAP 370	Children's Theatre Technical Production I (1 - 3)	
TAP 371	Children's Theatre Technical Production II (1 - 3)	
TAP 372	Children's Theatre Technical Production III (1 - 3)	
TAP 373	Children's Theatre Technical Production IV (1 - 3)	
TAP 380	Repertory/Touring Rehearsal and Performance I (1 - 3)	
TAP 381	Repertory/Touring Rehearsal and Performance II (1 - 3)	
TAP 382	Repertory/Touring Rehearsal and Performance III (1 - 3)	
TAP 383	Repertory/Touring Rehearsal and Performance IV (1 - 3)	
TAP 390	Repertory and Touring Technical Production I (1 - 3)	
TAP 391	Repertory and Touring Technical Production II (1 - 3)	
TAP 392	Repertory and Touring Technical Production III (1 - 3)	
TAP 393	Repertory and Touring Technical Production IV (1 - 3)	
Total Units:		18

The Interdisciplinary Studies: Arts and Humanities Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities).

A.A. in Interdisciplinary Studies: Communication and English

The Interdisciplinary Studies degree is designed for students who wish a broad knowledge of arts and sciences plus additional coursework in a prescribed "Area of Emphasis". This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Communication and English. These courses emphasize the content of communication as well as the form and should provide an understanding of the psychological basis and the social significance of communication. Students will be able to assess communication as the process of human symbolic interaction. Students will also develop skills in the areas of reasoning and advocacy, organization, accuracy, and reading and listening effectively. Students will be able to integrate important concepts of critical thinking as related to the development of analysis and critical evaluation. Students will also learn to reason inductively and deductively in order to make important decisions regarding life and society at large. (Possible majors at a four-year institution include, but are not limited to: English, communication and philosophy.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Catalog Date: June 1, 2020

Degree Requirements

COURSE CODE	COURSE TITLE	UNITS
A minimum of 18 units from the following:		18
You must select courses from three different disciplines.		
COMM 301	Introduction to Public Speaking (3)	
COMM 311	Argumentation and Debate (3)	
COMM 315	Persuasion (3)	
COMM 331	Group Discussion (3)	
COMM 361	The Communication Experience (3)	
ENGRD 310	Critical Reading as Critical Thinking (3)	
ENGWR 300	College Composition (3)	
ENGWR 301	College Composition and Literature (3)	
ENGWR 302	Advanced Composition and Critical Thinking (3)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 320	Logic and Critical Reasoning (3)	
PHIL 325	Symbolic Logic (3)	
PHIL 328	Critical Reasoning and Composition (3)	
Total Units:		18

The Interdisciplinary Studies: Communication and English Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze critically, argue persuasively, and communicate clearly (Communication and English).

A.A. in Interdisciplinary Studies: Math and Science

The Interdisciplinary Studies degree is designed for students who wish to obtain a broad knowledge of arts and sciences plus additional coursework in a prescribed "Area of Emphasis". This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable course work that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Math and Science. These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations. Possible majors at a four-year institution include, but are not limited to: mathematics, biology, chemistry, and physical science.

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Catalog Date: June 1, 2020

Degree Requirements

COURSE CODE	COURSE TITLE	UNITS
A minimum of 18 units from the following:		18
You must select courses from at least three different disciplines and complete courses from both math and science. If a course is cross-listed with another on the list, only one may apply to the degree.		
ANTH 300	Biological Anthropology (3)	
ANTH 301	Biological Anthropology Laboratory (1)	
ANTH 303	Introduction to Forensic Anthropology (3)	
ASTR 300	Introduction to Astronomy (3)	
ASTR 400	Astronomy Laboratory (1)	
BIOL 300	The Foundations of Biology (3)	
BIOL 307	Biology of Organisms (4)	
BIOL 310	General Biology (4)	
BIOL 323	Plants and People (4)	
BIOL 350	Environmental Biology (3)	
BIOL 400	Principles of Biology (5)	
BIOL 410	Principles of Botany (5)	
BIOL 420	Principles of Zoology (5)	
BIOL 430	Anatomy and Physiology (5)	
BIOL 431	Anatomy and Physiology (5)	
BIOL 440	General Microbiology (4)	
BIOL 442	General Microbiology and Public Health (5)	
CHEM 305	Introduction to Chemistry (5)	
CHEM 306	Introduction to Organic and Biological Chemistry (5)	
CHEM 400	General Chemistry I (5)	
CHEM 401	General Chemistry II (5)	
CHEM 410	Quantitative Analysis (5)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	

COURSE CODE	COURSE TITLE	UNITS
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 301	Physical Geography Laboratory (1)	
GEOG 306	Weather and Climate (3)	
GEOL 300	Physical Geology (3)	
GEOL 301	Physical Geology Laboratory (1)	
GEOL 305	Earth Science (3)	
GEOL 306	Earth Science Laboratory (1)	
GEOL 310	Historical Geology (3)	
GEOL 311	Historical Geology Laboratory (1)	
GEOL 330	Introduction to Oceanography (3)	
GEOL 345	Geology of California (3)	
MATH 300	Introduction to Mathematical Ideas (3)	
MATH 310	Mathematical Discovery (3)	
MATH 335	Trigonometry with College Algebra (5)	
MATH 341	Calculus for Business and Economics (4)	
MATH 343	Modern Business Mathematics (4)	
MATH 355	Calculus for Biology and Medicine I (4)	
MATH 356	Calculus for Biology and Medicine II (4)	
MATH 370	Pre-Calculus Mathematics (5)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
MATH 402	Calculus III (5)	
MATH 410	Introduction to Linear Algebra (3)	
MATH 420	Differential Equations (4)	
NUTRI 300	Nutrition (3)	
NUTRI 340	Nutrition and Metabolism (3)	
PHYS 310	Conceptual Physics (3)	
PHYS 311	Basic Physics (3)	
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
PS 302	Introduction to Physical Science (4)	
PSYC 312	Biological Psychology (4)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT 300	Introduction to Probability and Statistics (4)	
Total Units:		18

The Interdisciplinary Studies: Math and Science Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- reason quantitatively and empirically (Math and Science).

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies degree is designed for students who wish a broad knowledge of arts and sciences plus additional coursework in a prescribed "Area of Emphasis". This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Catalog Date: June 1, 2020

Degree Requirements

COURSE CODE	COURSE TITLE	UNITS
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	

COURSE CODE	COURSE TITLE	UNITS
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 320	Introduction to Archaeology and World Prehistory (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 340	Business Law (3)	
BUS 345	Law and Society (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
COMM 363	Introduction to Communication Theory (3)	
ECON 302	Principles of Macroeconomics (3)	
ECON 304	Principles of Microeconomics (3)	
ECON 320	Concepts in Personal Finance (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST 310	History of the United States (3)	
HIST 311	History of the United States (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS 301	Introduction to Government: United States (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC 300	General Principles (3)	
PSYC 312	Biological Psychology (4)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 372	Child Development (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 331	Cross Cultural Psychology (3)	
Total Units:		18

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

A.A. in Interdisciplinary Studies: Pre-Law

The Pre-Law Degree Program introduces the student to the field of legal studies along with its relationship with and influence over closely related areas in business and the social sciences. The Pre-Law Degree Program emphasizes not only the nature of law and legal institutions, but the impact these have on government, politics, economics, business, social groups and institutions, and society as a whole. The Pre-Law major leads to an A.A. degree and consists of many of the courses required to transfer into a related major at a four year college. This program provides students with general knowledge of the legal process, legal philosophy, legal reasoning, and legal institutions. This is not a paralegal or a paraprofessional major but will prepare students for careers within the legal profession.

Catalog Date: June 1, 2020

Degree Requirements

COURSE CODE	COURSE TITLE	UNITS
A minimum of 12 units from the following:		12 ¹
ECON 302	Principles of Macroeconomics (3)	
ECON 304	Principles of Microeconomics (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
STAT 300	Introduction to Probability and Statistics (4)	
A minimum of 3 units from the following:		3 ²
ANTH 310	Cultural Anthropology (3)	
BUS 345	Law and Society (3)	
POLS 301	Introduction to Government: United States (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
A minimum of 3 units from the following:		3
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST 310	History of the United States (3)	
HIST 311	History of the United States (3)	
A minimum of 6 units from the following:		6
PHIL 300	Introduction to Philosophy (3)	
PHIL 310	Introduction to Ethics (3)	
PHIL 320	Logic and Critical Reasoning (3)	
PHIL 325	Symbolic Logic (3)	
PHIL 328	Critical Reasoning and Composition (3)	
Total Units:		24

¹Students transferring to UC Davis should take SOC 300, SOC 301, SOC 321 and STAT 300. Students interested in transferring to UC Berkeley should take ECON 302, ECON 304, STAT 300 and SOC 300.

²Students interested in transferring to UC Berkeley should take POLS 301 or POLS 302.

The Interdisciplinary Studies: Pre-Law Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- recognize the impact that law and legal institutions have on political, economic, and social institutions.
- differentiate various theoretical perspectives on the law and functions law serves in society.
- develop written and verbal communication skills with particular emphasis on the development of effective and persuasive oral and written arguments in the legal arena.
- evaluate arguments using evidence-based reasoning.

Career Information

This degree is primarily a general studies degree emphasizing history, political science, sociology, and writing. It is intended to prepare students for successful transfer to a bachelor's program in one of these fields with the ultimate of entering a graduate program in law.

A.S. in Interdisciplinary Studies: STEM for Transfer

This degree outlines the general requirements for students wishing to transfer to a four-year college or university in a STEM (Science, Technology, Engineering or Mathematics) major. Students should work closely with their counselor to determine the specific coursework required at their chosen transfer institution.

Catalog Date: June 1, 2020

Degree Requirements

COURSE CODE	COURSE TITLE	UNITS
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5
MATH 400	Calculus I	5
MATH 401	Calculus II	5
MATH 402	Calculus III	5
MATH 410	Introduction to Linear Algebra	3

COURSE CODE	COURSE TITLE	UNITS
MATH 420	Differential Equations	4
A minimum of 12 units from the following:		12
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
STAT 300	Introduction to Probability and Statistics (4)	
A minimum of 25 units from the following:		25 ¹
BIOL 350	Environmental Biology (3)	
BIOL 400	Principles of Biology (5)	
BIOL 410	Principles of Botany (5)	
BIOL 420	Principles of Zoology (5)	
CHEM 410	Quantitative Analysis (5)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
CISP 310	Assembly Language Programming for Microcomputers (4)	
CISP 360	Introduction to Structured Programming (4)	
CISP 400	Object Oriented Programming with C++ (4)	
CISP 401	Object Oriented Programming with Java (4)	
CISP 430	Data Structures (4)	
CISP 440	Discrete Structures for Computer Science (3)	
ENGR 312	Engineering Graphics (3)	
ENGR 400	Introduction to Electrical Circuits and Devices (3)	
ENGR 420	Statics (3)	
STAT 300	Introduction to Probability and Statistics (4)	
Total Units:		69

¹STAT 300 can only be used in this section if not already used in the previous section.

The Interdisciplinary Studies: STEM for Transfer Associate in Science (A.S.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze and solve chemical problems.
- test the validity of a hypothesis using the scientific method.
- solve problems using the application of physics and mathematics up through calculus.
- develop efficient algorithms for the solution of structured programming problems.

Certificate of Achievement

Heritage Interpretation Certificate

Heritage Interpretation involves conveying meaningful information about historical, cultural, and natural events or sites to a broad audience. One may have encountered interpretive prose in historical site markers, displays at parks or museums, and written park visitor guides. Park rangers, docents, and tour guides use oral and written interpretation skills. More recently, interpretive skills have been expanding into social media. Students completing this proposed certificate of recognition will be prepared to take an exam to be a Certified Interpretive Guide (C.I.G) from the National Association for Interpretation. Courses in this certificate may also be applied towards associate degree and/or transfer requirements.

Catalog Date: June 1, 2020

Certificate Requirements

COURSE CODE	COURSE TITLE	UNITS
ANTH 300	Biological Anthropology (3)	3
or ANTH 310	Cultural Anthropology (3)	
or ANTH 320	Introduction to Archaeology and World Prehistory (3)	
BIOL 307	Biology of Organisms (4)	3 - 4
or BIOL 323	Plants and People (4)	
or BIOL 350	Environmental Biology (3)	
HIST 319	American Environmental History (3)	3
or HIST 344	Survey of California History: A Multicultural Perspective (3)	
ANTH 392	Principles of Heritage Interpretation (3)	3
or HIST 392	Principles of Heritage Interpretation (3)	
A minimum of 2 units from the following:		2

COURSE CODE	COURSE TITLE	UNITS
ANTH 498	Work Experience in Anthropology (1 - 4)	
BIOL 380	Natural History Field Studies: Coastal Ecosystems (1)	
BIOL 382	Natural History Field Studies: Desert Ecosystems (1)	
BIOL 384	Natural History Field Study of Forest Ecosystems (1 - 4)	
BIOL 386	Natural History Field Studies: Marine Ecosystems (1)	
BIOL 388	Natural History Field Studies: River Ecosystems (1)	
BIOL 389	Natural History Field Studies: Wetland Ecosystems (1)	
BIOL 390	Natural History Field Study (0.5 - 4)	
HIST 498	Work Experience in History (1 - 4)	
WEXP 498	Work Experience in (Subject) (1 - 4)	
Total Units:		14 - 15

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- pass the Certified Interpretive Guide exam offered by the National Association for Interpretation.
- interpret information about a historical, cultural, or natural event or site to a diverse audience.
- justify the importance of preserving historical, cultural, and natural resources.

Career Information

Students completing this certificate along with additional coursework may be prepared to seek jobs as an interpretive guide or Interpretive Specialist at parks, museums, historical sites, and cultural centers; K-12 educator; river guide; or in the hospitality industry. This certificate may also fulfill some of the transfer requirements for a bachelor's degree in Public History, Cultural Resources Management, or Natural Resources Management.

Interdisciplinary Studies (INDIS) Courses

INDIS 313 Freshman Seminar

Units:	3
Hours:	54 hours LEC
Prerequisite:	None.
Advisory:	ENGWR 51 with a grade of "C" or better; Eligibility for ENGWR 101.
Transferable:	CSU; UC (UC credit limitation: 313, HCD 310, HCD 315 and HCD 318 combined: Maximum credit, 3 units)
General Education:	AA/AS Area III(b); CSU Area E1
Catalog Date:	June 1, 2020

This course treats success holistically by exploring the interpersonal, intrapersonal, and the "soft" skills needed to be successful in today's world. Students will examine their own educational and/or career goals, and learn how to make strategic decisions about their own learning. Students will evaluate their daily activities, choices, and behaviors while observing their impact on their ability to create habits that contribute to their success. The psychological, sociological and physiological impacts will also be addressed. Students will be required to complete either: 1) eight hours of volunteer service or 2) participate in eight hours of campus life or 3) eight hours of additional classwork reflective of the pathway in which the course is offered.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- define the principles of deep and lasting learning, the CORE (Collect, Organize, Rehearse, Evaluate) learning system, the physiological impact of stress on the body, and evaluate one's self-esteem and core beliefs.
- identify life goals and define steps needed to be successful in school, work, and life.
- analyze one's own behaviors, beliefs, and choices that impact success.
- incorporate wise choices and behaviors to improve one's own success in school, work, and life.
- engage in practical, hands-on learning experiences for the pathway by participating in extracurricular activities or volunteer work as assigned by the instructor and evaluating that experience.

INDIS 314 Study Skills for Science Disciplines

Units:	0.5
Hours:	27 hours LAB
Prerequisite:	None.
Corequisite:	Current enrollment in a science course.
Transferable:	CSU
Catalog Date:	June 1, 2020

This course offers individualized instructional modules designed to improve study strategies appropriate for various science classes and allied health programs. A partial list of skills may include the following: principles of learning and retention, active reading and listening, note taking, annotating, discipline-based vocabulary, paraphrasing, test preparation, test taking, and problem solving. This course is offered in a flexible TBA format of 27 laboratory hours in order to accommodate the student's schedule. Registration is open through the tenth week of the semester. This course is graded on a pass/no pass basis.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- assess personal academic strengths and weaknesses.
- use active learning strategies to engage with classroom lectures and texts.
- utilize effective techniques to prepare for course examinations.

INDIS 315 Study Skills for Science Disciplines II

Units:	0.5
Hours:	27 hours LAB
Prerequisite:	None.
Corequisite:	Current enrollment in a science course.
Transferable:	CSU
Catalog Date:	June 1, 2020

This course offers individualized instructional modules designed to acquire or improve study strategies for science, allied health, or nutrition courses. Strategies build on prior skills learned in earlier study skills courses, and they include the intensive study cycle, advanced concept mapping, stress management, mastering science vocabulary, improving on note-taking and listening, visual learning, and advanced problem solving. Registration is open through the eighth week of the semester. This course, which is graded Pass/No Pass, is offered in a flexible TBA format of 27 laboratory hours to accommodate the student's schedule.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- apply new study techniques to improve learning in higher-level science courses.
- incorporate specific strategies learned to successfully complete assignments and projects in science courses.
- appraise her/his studying behavior, and appropriately adjust it to different academic disciplines and especially the subdisciplines of science.

INDIS 360 Sustainability: Your Future on Planet Earth

Units:	3
Hours:	54 hours LEC
Prerequisite:	None.
Advisory:	ENGWR 300
Transferable:	CSU
General Education:	AA/AS Area III(b)
Catalog Date:	June 1, 2020

In this course, faculty from a variety of disciplines will introduce the fundamental aspects of sustainability including an examination of the critical relationship between people and their environment. The course emphasizes a holistic approach as students examine the interconnection between nature and society and how it relates to the food we eat, the goods we buy, the things we build, the oceans we harvest, and the energy we consume. Using an interactive approach, students also explore solutions to today's unprecedented environmental challenges within cultural, economic, educational and political contexts. Faculty from Biology, Early Childhood Education, English, Geography, Nutrition, and/or Sociology will team teach this course. Field trips may be required. This course is not open to those who have taken Sustainability: Earth's Future previously.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- distinguish fact from opinion about the current health of the planet based on socio-cultural and environmental indicators.
- understand the processes and apply the principles of ecology to the analysis of sustainability issues.
- analyze and predict, using inductive and/or deductive reasoning, the effects of consumer actions, government policies and worldwide practices on sustainability and the needs of society.
- evaluate the effects of human values, ethics and religious beliefs on achieving the goals of sustainability.
- construct arguments focused on sustainability issues which demonstrate inductive and/or deductive reasoning using information from multiple disciplines.

INDIS 495 Independent Studies in Interdisciplinary Studies

Units:	1 - 3
Hours:	54 - 162 hours LAB
Prerequisite:	None.
Transferable:	CSU
Catalog Date:	June 1, 2020

This course involves a student working individually on a topic of study and research beyond the scope of regularly offered courses. Upon approval of the proposed topic, the student will work and keep in contact with the advisory faculty to successfully complete the study topic. Students may take this course up to four times without duplication of the topics.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate the understanding of concepts, processes and techniques involved with the topic of study.
- discriminate and analyze the major concerns of the topic of study.

Liberal Arts and Social Sciences

[\(/academics/meta-majors\)](#)

This program is part of the Liberal Arts and Social Sciences meta-major.

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Science, Technology, Engineering, and Mathematics

[\(/academics/meta-majors\)](#)

This program is part of the Science, Technology, Engineering, and Mathematics meta-major.

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