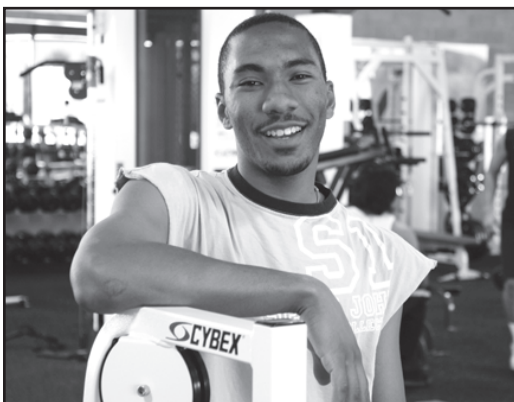


Notes

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This Catalog Addendum  
supplements the information in the  
2006-2008 General Catalog.





## LIST OF NEW AND CHANGED COURSES

Detailed course information begins on page 10 of this Addendum.

ANTH 498, 499

BA 611, 615, 616, 617, 621, 625,  
626, 628, 630, 635, 641, 645,  
646, 650, 664, 667, 690

BIOL 320, 354, 400, 400L

ECON 600

EDAD 626A

EDMS 555B

EDSL 350

EDUC 350B, 364B

GEL 010A, 010B, 110, 120

GBST 100, 300

HIST 501, 502, 510, 512, 513A,  
513B, 513C, 518, 528, 538,  
558, 568, 578, 588, 591, 592,  
601, 620, 621A, 621B, 621C,  
699A, 699B, 699C

KINE 101, 200, 201, 204, 300, 301,  
302, 304, 326, 400, 401, 402,  
403, 406, 426

LING 331, 361, 391, 499

LTWR 503C, 504B

MASS 302, 304, 306, 424, 456, 460

MATH 311B, 346

PHYS 280, 320, 323, 324, 380,  
421, 422, 423, 480

PSCI 410

SOC 324, 488

WLAN 115, 116

WMST 201

## ADDITIONS AND CHANGES TO ACADEMIC PROGRAMS

### Changes to the General Education Program

Additional text added to Area BB Requirement for Natural Science Majors, end of column. See page 87 of catalog:

A major in the natural sciences (Biological Sciences, Biotechnology, Biochemistry, Chemistry, Computer Science, Mathematics, Applied Physics) may satisfy the BB requirement as follows. He or she may take any upper division course offered by one of the departments in the natural sciences (Biological Sciences, Chemistry and Biochemistry, Computer Science, Mathematics, Physics ) as long as the following hold: (1) the course is not offered by the department of the student's major, (2) the course is not cross-listed in the department of the student's major. This course may be used (and double count) toward the requirements of the student's major. Students should consult their academic advisors before choosing such a course. This provision applies retroactively to all CSUSM majors in the natural sciences.

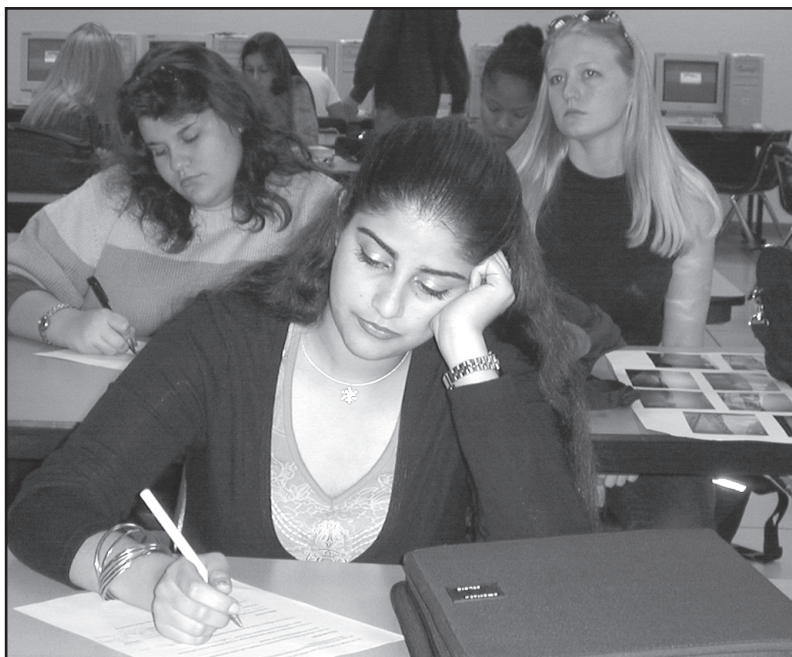
Correction to Area C Requirement: VSAR 130 was incorrectly listed under the C-2 Humanities requirement. It should be listed under the C-1 Arts Requirement (first column on page 88 of the catalog).

Correction to Area DD Requirement: Missing box at the end of last paragraph, DD Requirement. See page 89 of the catalog.

Students may not use a course in the same subject area (e.g., HIST, PSYC or SOC) as their major, or their primary field in the case of an interdisciplinary major.

Additional text added to Area DD Requirement for Social Science Majors (third column on page 89 of the catalog):

A student in the "Social Sciences" major may use (and double count) a DD course taken in one of his/her secondary fields toward the Upper-Division General Education requirement in the Social Sciences (DD). This provision applies retroactively to all students in the Social Sciences major.





## COLLEGE OF ARTS AND SCIENCES

Correction to the  
B.S. in Chemistry  
Adding the following text to the end of  
the Special Conditions paragraph:  
Transfer students must complete a  
minimum of 24 hours counted toward the  
chemistry major at CSUSM.

New Program:  
Communicative Science and  
Disorders Preparation Certificate

Office:  
CRA 6239

Telephone:  
(760) 750-8092

Program Coordinator:  
Suzanne Moineau, Ph.D., College of  
Education

Faculty:  
Biology  
Brian Norris, Ph.D.

Linguistics  
Jocelyn C. Ahlers, Ph.D.  
Jule Gómez de García Ph.D.

Migration Studies  
Jorge Riquelme, Ph.D.

Science and Society  
Robert Yamashita, Ph.D.

Psychology  
Maureen Fitzpatrick, Ph.D.  
Sharon Hamill, Ph.D.  
P. Wesley Schultz, Ph.D.  
Marie Thomas, Ph.D.

This certificate program provides the  
undergraduate coursework that is  
prerequisite for a student to be admitted  
to any Speech-Language Pathologist  
credential program including the planned  
Communicative Science and Disorders  
Master's Degree option in the College of  
Education at CSUSM, which is intended to  
lead to a California Commission on  
Teacher Credentialing-approved  
Language and Speech credential suitable  
for employment in California schools as a  
Speech-Language Pathologist.

For additional information about these  
programs, please contact the Coordina-  
tor of the Communicative Science and  
Disorders Program in the College of  
Education.

Preparation for the  
Certificate:

	Units
LING 100	3
Required Courses:	
BIOL 320	3
BIOL 321	3
EDSL 350	3
ID 340	3
LING 300	3
LING 351	3
LING 360	3
LING 391	3
PSYC 220	3
PSYC 330	3
PHYS 356	3
Total Units	36

Changes to the  
Minor in Global Studies

Requirements for a Minor  
in Global Studies

The Minor in Global Studies requires a  
minimum of twenty (20) units of credit,  
at least seventeen (17) of which must be  
at the upper-division level. Political  
Science majors may double-count up to  
a maximum of six (6) units of upper-  
division coursework toward their major  
and the Minor in Global Studies. All  
other majors may double-count up  
to a maximum of nine (9) units of  
upper-division coursework toward their  
major and the Minor in Global Studies.

Units  
a. Introduction to the Global System 3

One of the following courses:  
GBST 100 or  
HIST 202 or  
GEOG 201

b. Interdisciplinary Core Course 3  
GBST 300

c. Upper-Division Geographic Area  
Electives 6

Select at least two courses for a total of at  
least six (6) units from different disciplines  
in one geographic area:

The Americas  
Asia  
Europe  
Middle East and North Africa  
Sub-Saharan Africa

Courses used to satisfy the geographic area  
requirement cannot also be used to satisfy  
the global issues requirement below.

d. Upper-Division Global Culture  
Elective 2-3

Select one course for a total of at least two  
(2) units from a list of  
courses offered by the World Languages,  
Literature and Writing,  
and Visual and Performing Arts depart-  
ments.

e. Upper-Division Global Issue  
Electives 6

Select at least two courses for a total of at  
least six (6) units from different disciplines  
in one global issue area:

Foreign Policy  
Global Conflict and Cooperation  
International Law and Human Rights  
Global Political Economy and Development  
Gender in Global Perspective

Courses used to satisfy the global issues  
requirement cannot also be used to satisfy  
the geographic area requirement above.

Total Units 20-21

Geographic Areas  
Two courses in one of the geographic areas  
listed below for a total of six (6) units in one  
geographic area.  
The courses selected must be from  
different disciplines.

The Americas  
GEOG 340C  
HIST 352  
HIST 355  
HIST 356  
HIST 359  
ID 301  
ID 306  
PSCI 338  
PSCI 341  
PSCI 348\*  
PSCI 449\*

\*Where course content is appropriate to the Americas

Asia  
GEOG 340B  
HIST 363  
HIST 364  
HIST 365  
PHIL 318  
PSCI 348\*  
PSCI 449\*  
VPA 320

\*Where course content is appropriate to Asia

Europe  
GEOG 340D  
HIST 307  
HIST 308  
HIST 322  
HIST 323  
HIST 324  
HIST 325  
HIST 326  
PSCI 335  
PSCI 348\*  
PSCI 449\*  
PSCI 397  
VSAR 307

\*Where course content is appropriate to Europe

Middle East and North Africa  
HIST 384  
HIST 385  
PSCI 339  
PSCI 348\*  
PSCI 364A  
PSCI 364B  
PSCI 449\*

\*Where course content is appropriate to the Middle East and North Africa

Sub-Saharan Africa  
GEOG 340A  
HIST 371  
HIST 374  
HIST 375  
PSCI 337  
PSCI 348\*  
PSCI 449\*  
PSCI 357\*  
PSCI 362\*

\*Where course content is appropriate to Sub-Saharan Africa

Global Culture  
One course (2-3 units) from the list below:  
DNCE 320  
DNCE 321  
FREN 315  
FREN 350  
GRMN 315  
GRMN 350  
LTWR 320  
LTWR 410  
LTWR 420  
MUSC 390  
MUSC 391  
MUSC 392  
MUSC 395  
MUSC 421  
MUSC 423  
MUSC 424  
SPAN 315  
SPAN 350B  
TA 421  
VPA 311  
WLAN 370

Global Issues  
Two courses in one of the following global issues areas listed below for a total of at least six (6) units. The two courses selected must be from different disciplines.

Foreign Policy  
HIST 349  
PSCI 355  
PSCI 357  
PSCI 361  
PSCI 455

Global Conflict and Cooperation  
HIST 388  
PSCI 358  
PSCI 362  
PSCI 396  
PSCI 450  
PSCI 461  
PSCI 469

International Law and Human Rights  
HIST 306  
PSCI 365  
SOC 449

Global Political Economy and Development  
BRS 300  
BRS 330  
ECON 441  
ECON 442  
ECON 443  
ECON/PSCI/WMST 445  
HIST 381  
HIST 389/PSCI 363  
PSCI 431  
PSCI 460

Gender in Global Perspective  
ECON/PSCI/WMST 445  
HIST 316  
HIST 327  
HIST 355  
HIST 383  
HIST 384  
SOC 315\*  
WMST 375\*

\*where course content is global in nature

Additional courses may be approved to satisfy these requirements as additional courses are added to the University curriculum. Students may obtain the most current list of approved courses from the Program Coordinator, a Staff Advisor, or at the Political Science Department office.

Changes to the  
B.S. in Kinesiology

Programs Offered:

- Option in Physical Education

- Option in Applied Exercise Science

- Option in Pre-Physical Therapy

The program described as the Kinesiology major in the 2006-2008 General Catalog is now the Option in Physical Education in the Kinesiology major. Two new options are now also being offered: Applied Exercise Science and Pre-Physical Therapy.

Option in Applied Exercise Science  
This option prepares students to meet academic requirements needed for enrollment into postgraduate programs (MS) in Exercise Science/Physiology/ Human Performance, and potentially Occupational Therapy or Nutrition/ Dietetics, or to pursue careers in the personal training, strength and conditioning, corporate wellness, or fitness industry after graduation. However, students wishing to meet all requirements for entry into specific graduate programs should meet with the Kinesiology Undergraduate Advisor and/or faculty, and contact potential graduate schools to obtain exact entry requirements.

Option Requirements

General Education	51*
Preparation for the Major	31*
Major Requirements	40

Students must take a sufficient number of elective units to bring the total number of units to a minimum of 120

\* Twelve (12) units of lower-division General Education units in Areas B (Mathematics and Science) and D (Social Sciences) are automatically satisfied by course taken in Preparation for the Major

Preparation for the Major (31 units)

BIOL 175	4
BIOL 176	4
BIOL 210	4
CHEM 100 & 100L	5
KINE 200	1
KINE 201	1
KINE 202	3
KINE 204	3
MATH 115	3
PSYC 100	3

Major Requirements (40 units)

Upper-Division Core (37)

KINE 300	3
KINE 301	3
KINE 302	3
KINE 304	3
KINE 305	3
KINE 306	3
KINE 326	4
KINE 336	3
KINE 403	3
KINE 406	3
KINE 426	3
KINE 495	3

Electives

Choose one of the following (3)

HIST 300D	3
KINE 390	3
PHYS 205	4
PSYC 300	3
PSYC 356	3
PSYC 336	3
SOC 314	4

Option in Pre-Physical Therapy

This option prepares students to meet academic requirements needed for enrollment into postgraduate programs in physical therapy, and can be supplemented with additional coursework for such programs as pre-med and pre-dental. Upon graduation, students may obtain employment in a broad range of medical, commercial, and educational settings. However, students wishing to meet all requirements for entry into specific graduate programs in these careers should meet with Kinesiology faculty, and contact potential graduate schools to obtain exact entry requirements.

Option Requirements

General Education	51*
Preparation for the Major	44-46*
Major Requirements	28

Students must take a sufficient number of elective units to bring the total number of units to a minimum of 120

\* Twelve (12) units of lower-division General Education units in Areas B (Mathematics and Science) and D (Social Sciences) are automatically satisfied by course taken in Preparation for the Major

Preparation for the Major  
(44-46 units)

BIOL 175	4
BIOL 176	4
BIOL 210	4
CHEM 100 & 100L	5
CHEM 150	5
KINE 200	1
KINE 201	1
KINE 202	3
KINE 204	3
MATH 115 OR MATH 160**	3-5
PHYS 205	4
PHYS 206	4
PSYC 100	3

\*\*MATH 160 is a prerequisite for PHYS 205 and PHYS 206. Students who complete a non-calculus-based physics sequence that is accepted by the Kinesiology Department in lieu of PHYS 205 and PHYS 206 may substitute MATH 115 or an equivalent course for MATH 160.

Major Requirements (28 units)

Upper-Division Core (25)

KINE 3003	
KINE 301	3
KINE 302	3
KINE 305	3
KINE 326	4
KINE 403	3
KINE 426	3
KINE 495	3

Electives

Choose one of the following (3)

BIOL 367	4
BIOL 376	3
KINE 336	3
KINE 390	3
KINE 406	3
PSYC 300	3
PSYC 336	3
SOC 314	4
SOC 316	4



Course delivery in the five upper-division and credential-program ICP semesters is clustered around themed semesters: Literacy, Mathematics, Science, Social Science, and Student Teaching. For the first four semesters, students take undergraduate-level courses to expand their knowledge of a basic subject area in the K-8 curriculum, and they take credential-program courses focused on teaching methods appropriate to that content area. As students advance through the program, they learn to harness their mastery of subject-matter content to appropriate classroom teaching methods.

Note: Students considering the ICP should be aware that the choice could affect their starting teaching salary, upon completion of the bachelor's degree and teaching credential. Before making a choice, students are urged to consult a Liberal Studies or ICP Advisor for further information.

Breadth of Study Coursework	Units
ID 340B	3
ID 381	3
HIST 347	3
LBST 361B	3
LING 300B	3
MATH 311B	3
VPA 321	3
Total Units	21
Credential-Program Prerequisites	
EDUC 350 or 350B*	3
EDUC 364B	3
EDUC 422	3
Total Units	9

\*Note: Students may fulfill this requirement with a lower-division equivalent to EDUC 350 (Foundations of Teaching as a Profession).

Preparation for the ICP Option

(Lower-Division: 54 - 57 units\*)  
At the lower-division level, students follow the same 54-57 unit "preparation for the major" curriculum required for all Liberal Studies majors. Please refer to the lower- division course requirements listed for Option One of the Liberal Studies Major.

Upper-Division Course Requirements:

Breadth of Study and Credential-Program Prerequisites (27-30 units\*)  
Courses must be taken in the following areas, in order to fulfill the Liberal Studies Breadth of Study requirement and satisfy prerequisites for further coursework in the credential program:



**Depth of Study Requirement  
(15-16 units)**

All students must fulfill the Depth of Study requirement by selecting and completing a module of coursework clustered around one of the seven K-8 subject areas. Various modules are developed and offered by faculty in related academic fields. Each module is designed to provide the student with a more focused and sustained study of a particular subject matter area. Depth of study allows students to gain appreciation of the full development of a given academic field, from basic concepts and methods to more advanced applications and theoretical horizons. Prospective teachers may select a module in a given subject area in order to develop a particular classroom specialty, or just to pursue an intellectual or creative interest. Each module includes an overall assessment of the student's grasp of the field, as a final graduation requirement.

**Credential Program Requirements  
(39 units)**

The multiple subject credential program consists of the following coursework:

	Units
EDMS 511B	3
EDMS 512B	3
EDMS 521B	3
EDMS 522B II	3
EDMS 543B	3
EDMS 544B	3
EDMS 545B	3
EDMS 555B	3
EDMS 575B	1
EDUC 560A	1
EDUC 560B	1
EDMS 571B	6
EDMS 572B	6
<b>Total Units</b>	<b>39</b>

**Lower-Division Years**

In addition to the Preparation for the ICP coursework, and other LDGE requirements, students must also complete

- EDUC 350B or EDUC 350 (or a lower-division equivalent to this course).
- EDUC 364B must be taken in the semester prior to being accepted into the ICP
- EDUC 422

**Semester 1: Language, Culture  
and Learning  
Required Core Courses (10 units)**

	Units
EDMS 511B	3
EDMS 521B	3
EDMS 560A	1
LING 300B	3
<b>Required Non-Core Courses (6 units)</b>	
Depth of Study Course #1	3
VPA 321	3

**Semester 2: Mathematics  
Required Core Courses (12 units)**

EDMS 512B	3
EDMS 522B	3
EDMS 543B	3
MATH 311B	3

**Required Non-Core Courses (3 units)**  
Depth of Study Course # 2 3**Semester 3: Science  
Required Core Courses (9 units)**

EDMS 545B	3
ID 381	3
LBST 361B	3

**Required Non-Core Courses (6 units)**

Depth of Study #3	3
HIST 347	3

**Semester 4: Community  
Required Core Courses (10 units)**

EDMS 544B	3
EDMS 555B	3
EDMS 560B	1
ID 340B	3

**Required Non-Core Courses (6 units)**

Depth of Study Course #4	3
Depth of Study Course #5	3

**Semester 5: Professional Practice  
Required Core Courses (13 units)**

EDMS 571B:	6
EDMS 572B:	6
EDMS 575B	1



New Program:  
Minor in Linguistics

Office:  
Craven Hall, 6140

Telephone:  
(760) 750-4104

Program Co-Directors:  
Jocelyn Ahlers  
Jule Gómez de García

Faculty:  
Jocelyn Ahlers  
Jule Gómez de García

Linguistics is the scientific study of language, and as such offers students the opportunity to look at one of the tools used by human beings to create and perform cultural and social identities and practices. The field of linguistics draws on a wide area of inquiry, including the investigation of the ways that languages change over time, description of the ways in which language functions as a part of cultures, considerations of the interrelatedness of language and thought, examination of the process of language acquisition, and analysis of the functioning of the brain and the vocal organs in the production and analysis of speech. Thus, students from a wide range of majors will find the Minor in Linguistics to be an excellent complement to their chosen field of study. The purpose of the Minor in Linguistics is to introduce students to the analysis of linguistic structures through the core courses of the minor, and then to provide students with the opportunity to pursue, through a range of course options, the direction of linguistic study that best complements their chosen major.

Requirements

Completion of eighteen (18) units of credit, fifteen (15) of which must be at the upper-division level. No more than 9 units may be counted towards other majors or minors. Coursework applied to the minor may also be used to fulfill General Education requirements. Each course counted toward the minor must be completed with a grade of C or better.

a. Required Lower-Division  
(3 units)

	Units	
LING 100	3	

b. Required Upper-Division  
(9 units)

LING 300 or LING 305	3	
LING 361 or LING 391	3	
LING 480	3	

c. Three (3) units selected from the  
following: Language Structures  
Courses

	Units	
GRMN 331	3	
LING 305	3	
LING 350	3	
LING 360	3	
LING 499	3	
SPAN 331	3	
SPAN 450A	3	

d. Three (3) units selected from the  
following: Language and Society  
Courses

	Units	
LING 331	3	
LING 341	3	
LING 351	3	
LING 371	3	
LING 381	3	
LING 400	3	
LING 451	3	
LING 499	3	
SPAN 317	3	
WLAN 331	3	

Correction to the  
B.A. in Visual And Performing Arts  
Visual Arts Option  
Add VPA 181 and remove VSAR 181 from  
the list of Studio courses under Prepara-  
tion for the Major.

Changes to  
Admission Requirements and  
Academic Policies

Change to Add/Drop and Withdrawal  
Policy

Replace first paragraph, first column,  
on page 70 of Catalog.

Adding Courses  
Beginning with the first day of the  
academic term, students must use a  
Schedule Adjustment Form (available  
at the Enrollment Services Information  
Center) to add a class. The Schedule  
Adjustment form, with the instructor's  
signature (or that of the instructor's  
designee), must be submitted to the  
Enrollment Services Information Center.  
Beyond the published add/drop  
deadline, students may add courses only  
with signature approval of the course  
instructor (or designee) and  
the Dean of the College (or designee)  
offering the course; a late fee will be  
assessed. Adds beyond the University  
census date are normally not  
considered.



ADDITIONS, CHANGES, AND  
CORRECTIONS TO COURSE DESCRIPTIONS  
(Supplements General Catalog  
2006-08, beginning on page 245)

ANTH 498 (3)  
[Change in unit value]  
Directed Research in  
Anthropology

ANTH 499 (3)  
[Change in unit value]  
Directed Research in Medical Anthro-  
pology

BA 611 (4)  
[New Course]  
Financial Accounting  
Introduces a set of financial statements  
used by stakeholders for decision-  
making. Examines procedures devel-  
oped by accountants in the preparation  
of the income statement, balance sheet  
and statement of cash flows in  
accordance with generally accepted  
accounting principles. Building on the  
basic understanding of financial  
reporting, the course presents a  
framework for corporate managers to  
analyze a firm's performance and its  
financial position. Use of accounting  
information for firm valuation will also  
be emphasized. Prerequisite: Admis-  
sion to the MBA Program.

BA 615 (4)  
[New Course]  
Statistics  
Methods of statistical inference  
emphasizing applications to adminis-  
trative and management decision  
problems. Topics include classical  
estimation and hypotheses testing,  
regression, correlation, analysis of  
variance, nonparametric methods and  
statistical probability. Prerequisite:  
Admission to the MBA Program.

BA 616 (4)  
[New Course]  
Organizational Behavior and Human  
Resources Management Concepts  
An expansive inquiry into human  
resources issues from both the  
Organizational Behavior and Human  
Resources perspectives. Incorporates  
many practical applications, as well as  
an understanding of employment  
practices and policies from a strategic  
standpoint. Prerequisite: Admission to  
the MBA Program.

BA 617 (4)  
[New Course]  
Leadership and Business Ethics  
Focuses on aspects of leader-follower  
interaction including ethical decision-  
making, effective use of power, politics,  
and influence; understanding what  
motivates followers both individually  
and in teams and managing diversity  
and business ethics. Prerequisite:  
Admission to the MBA program.

BA 621 (4)  
[New Course]  
Managerial Accounting  
Focuses on how corporate managers  
use managerial accounting as a tool for  
internal decision-making and control.  
Examines concepts and techniques of  
cost allocation, performance evalua-  
tion, and compensation to support  
corporate strategies. Topics discussed  
include capital budgeting for long-  
term projects, contracting, transfer  
pricing, performance evaluation for  
corporate executives, and control  
issues in business organizations based  
on managerial accounting information.  
Prerequisite: Admission into the MBA  
Program and BA 611.

BA 625 (4)  
[New Course]  
Management Science  
Provides students with a hands-on  
approach to managerial decision  
making using optimization techniques.  
Emphasis will be on showing optimiza-  
tion models in action and helping  
managers make informed decisions.  
Examines modeling issues, discusses  
solution techniques, and uses state of  
the art software packages. The main  
focus is on business applications in  
Accounting, Finance, Marketing and  
Operations. Prerequisite: BA 615.

BA 626 (4)  
[New Course]  
Financial Decision Making  
Introduces the theory and practice of  
corporate finance. Provides students  
with understanding of essential risk  
and return relationships. Presents  
concepts and information on which  
sound financial decisions are based.  
Prerequisite: ECON 600.

BA 628 (4)  
[Change in unit value and prerequisite]  
Prerequisite: Admission to the MBA  
Program.  
Business Research Methods

BA 630 (4)  
[New Course]  
Marketing Management  
Introduces students to the issues and  
challenges of successfully marketing  
products, services, or intangibles within  
the context of changing environments.  
Prerequisites: Admission into the MBA  
Program and ECON 600.

BA 635 (4)  
[New Course]  
Information Technologies and Management  
Offers future business managers a rigorous study of information technologies that support the operational, administrative, and strategic needs of the organization, its business units, and individual employees. Topics include fundamental concepts of information technology, major types of business information systems and their roles in organizations and, current issues in identifying, acquiring and implementing new technology applications. Primary focuses are on the managerial aspects of information technologies for improving productivity and gaining competitive advantage in the global e-commerce environment. The societal and ethical impact of information technologies on organizations and human behavior will be analyzed. Future trends of new information technologies will also be discussed. Prerequisite: Admission to the MBA Program.

BA 641 (4)  
[Change in unit value, description, and prerequisite]  
Global Business Strategy from a Marketing Perspective  
Acquaints students with the challenges, constraints, and opportunities for entering new segments of the global marketplace, adapting strategies to those new markets and developing strategies for competing effectively on a global scale. May not be taken for credit by students who have received credit for BA 690E. Prerequisite: BA 630.

BA 645 (4)  
[New Course]  
Operations Management  
Examines opportunities and obstacles of a global competitive environment. Focuses on the efficient and effective deployment of capital, material, information, technology, and human resources. Examines the relationship of operations to functional areas and topics such as capacity, managing change, and quality management. Prerequisite: BA 615.

BA 646 (4)  
[New Course]  
Simulation and Risk Analysis  
Introduces students to concepts, methodologies and applications of computer simulation in business. Focuses on spreadsheet simulation with the Crystal Ball software package. Prerequisite: Admission into the MBA Program and BA 625.

BA 650 (4)  
[New Course]  
Strategic Management in the Global Environment  
Capstone course taught from a global strategic manager's perspective. Focuses on the diagnosis of problems and the implementation of solutions. Prerequisite: Advancement to candidacy.

BA 664 (4)  
[Change in unit value and prerequisite: Admission into the MBA Program.]  
Quality Management and Process Innovation

BA 667 (4)  
[Change in unit value and prerequisite: Admission into the MBA Program and BA 615.]  
Supply Chain Management

BA 690 (1-4)  
[Change in prerequisite: Admission into the MBA Program.]  
Selected Topics in Business Management

BIOL 320 (3)  
[New Course]  
Anatomy and Physiology of the Speech and Hearing Mechanism  
Explores the anatomy and physiology of speech and hearing including respiration, phonation, resonance, articulation and perception. An introduction to the central and peripheral nervous system also is provided. Prerequisite: Completion of the Lower-Division General Education requirement in the life sciences (B2).

BIOL 354 (4)  
[Change in prerequisites: BIOL 210, 211, 215, and 215L]  
Principles of Ecology

BIOL 400 (3)  
[Change in course number (formerly BIOL 378)]  
Vertebrate Biology

BIOL 400L (1)  
[Change in course number (formerly BIOL 378L)]  
Vertebrate Biology Laboratory

ECON 600 (4)  
[New Course]  
Managerial Economics  
Teaches students how to use microeconomic analysis to understand the economic environment in which a firm operates and how to make optimal decisions within the firm. Subjects may include: demand and supply analysis; production and cost theory; the impact of market setting; price discrimination; moral hazard and incentives; strategic interactions among firms using game theory; and transaction cost economics. Prerequisite: This course is open only to students enrolled in the MBA program.

EDAD 626A (2)  
[Correction: Course in Catalog appears as one-unit. The course is for two-units.]  
Professional Field Studies Advanced

EDMS 555B (3)  
[New Course]  
Elementary Multilingual Education  
Focuses on developing an understanding of theory, methodology, and assessment of second language acquisition in integrated and inclusive elementary classrooms. This course is aligned with California's SB 2042 Standards.

## EDSL 350 (3 units)

[New Course]

## Introduction to Speech and Language Services

Explores acquisition of speech and language skills in children and deviations from the normal patterns, including disorders of language, articulation, and voice; language differences in a multicultural society; and stuttering. Students will complete 25 hours of observation hours within a school setting. The role of the speech and language pathologist within the public schools also will be studied.

## EDUC 350B (3)

[Change in prerequisite: Application to the Integrated Credential Program and consent of Program Coordinator]  
Foundations of Teaching as a Profession

## EDUC 364B (3)

[Change in prerequisite: Application to the Integrated Credential Program and consent of Program Coordinator]  
The Role of Cultural Diversity in Schooling

## GEL 010A (1)

[New Course]

## Quantitative Skills and College Success Laboratory

A mathematics laboratory for students who practice and apply learning and study skills from GEL 110. Intended for students who have not yet met the University Entry Level Mathematics (ELM) requirement. Individualized instruction covers mathematical concepts and skills comparable to the scope of the ELM exam. Prepares students to retake the ELM exam and to succeed in their next mathematics/quantitative reasoning course. Offered during Summer session for incoming first-year students. Corequisite: GEL 110. Prerequisite: Freshman standing and consent of instructor. Students who have satisfied the ELM requirement should register for GEL 010B instead of this course.

## GEL 010B (1)

[New Course]

## Quantitative Skills and College Success Laboratory

A mathematics laboratory for students who practice and apply learning and study skills from GEL 110. Intended for students who have met the University Entry Level Mathematics (ELM) requirement but who desire a mathematical refresher before taking University-level mathematics courses. Individualized instruction covers mathematical concepts and skills comparable to college algebra or pre-calculus depending on the interest of the particular student. Offered during Summer session for incoming first-year students. Corequisite: GEL 110. Prerequisite: Freshman standing, completion of the ELM requirement, and consent of instructor. Students who have not satisfied the ELM requirement should register for GEL 010A instead of this course.

## GEL 110 (3)

[New Course]

Quantitative Skills and College Success  
Fundamental college success skills including study skills, test taking strategies, information literacy, academic and career planning will be covered with an emphasis on the development of quantitative skills necessary for successful completion of the lower-division curriculum in mathematics. Course offered in Summer session for incoming first-year students. May not be taken for credit by students who received credit for GEL 101 or GEL 120. Corequisite: GEL 010A or GEL 010B. Prerequisite: Freshman standing and consent of First Year Program Director.

## GEL 120 (4)

[New Course]

## Writing and Reading for College Success

Through selected material from the humanities, natural sciences and social sciences, students learn how various disciplines examine similar topics. The intent is to illustrate how disciplines interact to create knowledge and to prepare students for the wide array of reading and writing styles that will be required of them as they fulfill lower-division course work. Fundamental college success skills, information literacy, academic and career planning are also covered. Prerequisite: Freshman standing or consent of instructor.

## GBST 100 (3)

[New Course]

Introduction to Global Studies  
Interdisciplinary examination of social, economic, and political change in a global context. Understanding of world views, cultural contexts, and key international institutions as well as the development of skills necessary to live and work in a cross-cultural setting will be stressed. Strong emphasis on learning the techniques necessary to access and analyze varied sources of information about globalization.



## GBST 300 (3)

[New Course]

Global Economics, Politics, and Society  
Interdisciplinary survey of global issues including development, globalization, democratization, religion, culture, and the environment. Strong emphasis on the nexus between local and global processes, the roles played by nations and non-governmental organizations in global affairs, and the interaction between economics, politics, and culture in the international system.

## HIST 501 (3)

[New Course]

## Historical Perspectives on Media

Explores the history of media communication and popular culture as well as the relationship between the change in media over time and the messages that they convey. Advanced undergraduates interested in taking this course should consult the instructor.

## HIST 502 (3)

[New Course]

History and Applied Media Technology  
Introduction to various techniques in applying media technology to present historical research and interpretation. May include, but is not limited to, online instructional techniques, web-based archival preservation or museum presentations, multimedia presentations of historical findings, and video presentations of historical topics. Advanced undergraduates interested in taking this course should consult the instructor.

## HIST 510 (3)

[New Course]

Experiential Learning in Public History  
Introduction to the field of public history, combining graduate level training in the theory and methods of public history with a minimum of 30 hours of an internship in a field placement. This course will consider issues in archival techniques, museum exhibition, oral history, historical preservation, and local history. Advanced undergraduates interested in taking this course should consult the instructor. May be repeated for a total of six (6) units.

## HIST 512 (3)

[New Course]

## Teaching History:

## Theory and Practice

Introduction to the issues and techniques involved in the effective teaching of history at all levels. The course will cover the historical context of history teaching; major themes in world and U.S. history; and methods that teachers can use to involve students in actively learning about the past. Special emphasis will be placed on the use of technology in the classroom. Advanced undergraduates interested in taking this course should consult the instructor.

## HIST 513A (1) 513B (2) 513C (3)

[New Course]

## History Teaching Practicum

Practical applications of teaching history in the college or university classroom for graduate teaching assistants. Prerequisite: Consent of instructor.

## HIST 518 (3)

[New Course]

Advanced Seminar in Ancient History  
Exploration of primary and secondary sources and advanced research on a topic in Ancient History. Advanced undergraduates interested in taking this course should consult the instructor. May be repeated for credit for a total of twelve (12) units as topics change.

## HIST 528 (3)

[New Course]

## Advanced Seminar in European History

Exploration of primary and secondary sources and advanced research in the historical literature of a topic in European History. Advanced undergraduates interested in taking this course should consult the instructor. May be repeated for credit for a total of twelve (12) units as topics change.

## HIST 538 (3)

[New Course]

## Advanced Seminar in United States History

Exploration of primary and secondary sources and advanced research on a topic in United States History. Advanced undergraduates interested in taking this course should consult the instructor. May be repeated for credit for a total of twelve (12) units as topics change.

## HIST 558 (3)

[New Course]

## Advanced Seminar in Latin American History

Exploration of primary and secondary sources and advanced research on a topic in Latin American History. Advanced undergraduates interested in taking this course should consult the instructor. May be repeated for credit for a total of twelve (12) units as topics change.

## HIST 568 (3)

[New Course]

Advanced Seminar in Asian History  
Exploration of primary and secondary sources and advanced research on a topic in Asian History. Advanced undergraduates interested in taking this course should consult the instructor. May be repeated for credit for a total of twelve (12) units as topics change.

## HIST 578 (3)

[New Course]

Advanced Seminar in African History  
Examination of the dominant historiographical themes and issues and advanced research on a topic in African history. Advanced undergraduates interested in taking this course should consult the instructor. May be repeated for credit for a total of twelve (12) units as topics change.

## HIST 588 (3)

[New Course]

## Advanced Seminar in Middle Eastern History

Exploration of primary and secondary sources and advanced research on a topic in Middle Eastern History. Advanced undergraduates interested in taking this course should consult the instructor. May be repeated for credit for a total of twelve (12) units as topics change.

## HIST 591 (3)

[New Course]

Advanced Seminar in World History  
Exploration of primary and secondary sources and advanced research on a topic in World History. Advanced undergraduates interested in taking this course should consult the instructor. May be repeated for credit for a total of twelve (12) units as topics change.

## HIST 592 (3)

[New Course]

Advanced Seminar in International History  
Exploration of primary and secondary sources and advanced research on a topic in International History. Advanced undergraduates interested in taking this course should consult the instructor. May be repeated for credit for a total of twelve (12) units as topics change.

## HIST 601 (3)

[New Course]

The Philosophy and Practice of History  
Exploration of the nature of historical inquiry, historiography, particularly an overview of the different genres of history, and methods of research used in advanced historical writing. Students will be introduced to core philosophical debates about the historical method and texts that exemplify different types of historical writing.

## HIST 620 (3)

[New Course]

Directed Thesis Research, Writing, and Media Presentation  
Faculty supervision of the research and writing of the thesis project and/or development of the media presentation of research findings. May be repeated for credit for a total of six (6) units. Graded Credit/No Credit.

## HIST 621A (1) 621B (2) 621C (3)

[New Course]

Thesis Research, Writing, and Media Presentation Continuation  
Continuation of faculty supervision of the research and writing of the thesis project and/or development of the media presentation of research findings. May be repeated, but credit will not be applied toward the Master

## HIST 699A (1) 699B (2) 699C (3)

[New Course]

Independent Study in Advanced Historical Issues  
Intensive independent study of advanced historical issues based on secondary and/or primary sources. May be repeated, but only six (6) units may be applied toward the Master of Arts in History degree.

## KINE 101 (1)

[Change in course title and description]

Step Aerobics  
Aerobics fitness through step aerobics. May be repeated for a total of eight (8) units. Graded Credit/No Credit.

## KINE 200 (1)

[New Course]

First Aid and Safety  
Acquaints the individual with emergency first aid procedures. Included in the subject matter will be wounds, splinting, burns, rescue, breathing, diabetes, epilepsy, heart failure, stroke and environmental emergencies. Each student will have the opportunity to acquire his/her certificate in Community First Aid and Safety. This course is taught by a certified American Red Cross instructor.

## KINE 201 (1)

[New Course]

CPR and AED  
The Basic Life Support (BLS) for Healthcare Providers course covers core material such as adult and pediatric CPR (including two-rescue scenarios and use of the bag mask), foreign-body airway obstruction, and automated external defibrillation (AED). At the completion of this course, students will have the opportunity to become certified in BLS under the guidelines set forth by the American Heart Association. Course may be repeated once in order to maintain certification.

## KINE 204 (3)

[Change in unit value]

Techniques and Analysis of Fitness and Weight Training

## KINE 300 (3)

[Add prerequisites: BIOL 175, 176, and completion of Basic Math (B4) requirement]  
Biomechanics of Human Movement

## KINE 301 (3)

[Add prerequisites: BIOL 175, 176, KINE 202]

Motor Control and Learning

## KINE 302 (3)

[Add prerequisites: BIOL 176, 176]  
Sports Medicine

## KINE 304 (3)

[Add prerequisites: KINE 202 or consent of instructor]  
Adapted Physical Education

## KINE 326 (4)

[Added prerequisite: BIOL 175, 176]  
Introductory Exercise Physiology

## KINE 400 (3)

[Add prerequisites: KINE 202, 304, and junior standing (>60 units)]  
Movement Theory and Practice of Elementary Physical Education for Children

## KINE 401 (3)

[Add prerequisites: KINE 202, 304, and junior standing (>60 units)]  
Principles, Organization and Management of Secondary School Physical Education

## KINE 402 (3)

[Add prerequisites: KINE 202, 304, and junior standing (>60 units)]  
Applied Theory of Teaching Team, Individual, and Dual Sports

## KINE 403 (3)

[Add prerequisites: KINE 204 and completion of Basic Math (B4) requirement]  
Measurement and Evaluation in Kinesiology

**KINE 406 (3)**

[New Course]

Stress Testing and Exercise Prescription  
Practical and theoretical knowledge surrounding the various modes and protocols used in graded exercise testing, muscular strength/fitness testing, and exercise prescription based on test results in healthy and diseased populations. Includes an in-depth examination of electrocardiography and a brief introduction to pharmacology. Prerequisite: KINE 326 with a grade of C (2.0) or better.

**KINE 426 (3)**

[Add prerequisites: KINE 204, 326]

Exercise Physiology for Special Populations

**LING 331 (3)**

[New Course]

Survey of Native American Languages  
Includes Native American language families, the geographical locations of Tribal people at the time of European contact, and the current locations of their descendents. It introduces the basics of linguistic structure of languages representing many of these families using language phenomena such as counting systems, non-verbal and written communication systems, songs and culture tales. Current social situations that have led to the endangerment of the majority of indigenous languages in the world will also be discussed.

**LING 361 (3)**

[New Course]

Introduction to Morphology  
Morphology is the study of the meaningful pieces that make up words. Introduces students to the major morphological typologies of the world's languages through analysis of data sets from different languages that represent those typologies. Students will discover how morphological systems work through examination of data from languages as diverse in their structure as Chinese, Navajo, and Russian. Prerequisite: LING 300 or 305 or GRMN 331 or SPAN 331.

**LING 391 (3)**

[New Course]

Phonetics and Phonology  
Introduction to the phonetic properties of speech sounds and their organization into sound systems. Practice in recognizing, transcribing, and describing sounds. Basic principles and methods of phonological analysis and theory. Prerequisites: LING 300 or 305 or GRMN 331 or SPAN 331.

**LING 499 (3)**

[New Course]

Supervised Independent Study  
Addresses a special interest not covered in a regular course or provides an opportunity to explore in greater depth a subject introduced in a regular course. Discussion in individual conferences. May be repeated for a total of six (6) units. Prerequisite: Consent of Instructor.

**LTWR 503C (3)**

[New Course]

Literary Period or Movement  
Advanced, historically oriented study of a literary period such as the Renaissance, or a movement such as Post Modernism.

A. Renaissance to Romanticism

B. Postmodern Narrative Identity

C. Marxism and Literature

**LTWR 504B (3)**

[New Course]

Advanced Author Studies:  
Johnson and Boswell  
Advanced critical studies of a major author or authors. Special attention will be given to the cultural production of the text(s) as well as the historical reception of the author. Prerequisite: LTWR 300A or 300B; graduate students exempt from this prerequisite. The content of each course is reflected by its subtitle. Together with LTWR 604, may be repeated as issues/themes change; up to nine (9) units may be applied to graduation requirements, but only six (6) may be applied toward major requirements or the Master's degree in Literature and Writing Studies.

A. Collin/Victorian Novel

B. Johnson and Boswell

**MASS 302 (3)**

[Change in course title and description]

Media Production and Context  
Introduction to the critical study of media representation and digital video

production. Students learn critical media literacy aimed at analyzing mainstream representations of Otherness while exploring the concepts of voice, style and structure using alternative productions that challenge dominant images. Students make short media productions in which they turn the critical lens on the Other-izers by occupying and interrogating producer, subject and audience positions. Students explore content around identity by creating analytical media memoirs about aspects of their personal history. (MUE, MOS, MMP)

**MASS 304 (3)**

[Change in course title and description]

Global Media

An exploration of "globalization" as an historical – as well as a contested – process, and of cultural, social, technological economic political processes at work in "mass media globalization". Case studies link discussions of specific forms (i.e., music, radio, video, journalism, internet/web cell phones, broadcast satellites, and points of origin) to old and new audiences. These case studies are contextualized in a consideration of specific communication processes associated with trade, war, community development, policy making and reform, and privatization/deregulation. (MUE, MOS, MMP)

**MASS 306 (3)**

[Change in course description]

Media Distribution: National and International

Examines the distribution of media products, and focuses on identifying and critiquing distribution patterns, structures, practices, and the institutions that offer mediated experience. Highlights two parallel trends in the context of technological advances and convergences: consolidation of mass media industries, and the simultaneous empowerment of independent and guerilla distribution. Students will be able to examine and work within a number of distributor models and strategies including grass-roots/community media, self-publishing, viral marketing, festivals, tradeshow, pod and web casting, and learn about the communication processes used to create distribution networks. (MUE, MOS, MPP)



## MASS 424 (3)

[Change in course title]

Mass Genres

## MASS 456 (3)

[Change in course title and description]  
Media Critique

Critical analysis of a variety of modes of production and explores alternative options. Devoting considerable critical attention to the relationship between production practices and the texts which result from them, students will hone their technical, aesthetic, and media literacy skills by producing one media project. The instruction will be conceptually based and reflects on media styles as well as offering students the opportunity to critique each other's work. Prerequisite: MASS 302 or consent of instructor. (MMP)

## MASS 460 (3)

[Wrong title and course description printed in the catalog]

Topics in Media Uses and Effects  
Focused study on a specific aspect of media uses and effects. Students should check the Class Schedule for listing of actual topics. May be repeated for credit as topics change for a total of six (6) units. Topics vary by semester. (MUE)

## MATH 311B (3)

[New Course]

Mathematics for K-8 Teachers III:  
Algebra, Probability, Statistics, and Data Analysis

Designed to reinforce mathematical concepts for those teaching grades K-8. Emphasis on linear and quadratic equations and inequalities; collection, organization, and representation of data; inferences, predictions, and arguments based on data; basic notions of chance and probability; appropriate use of technology; historical perspectives. Credit may not be counted toward the mathematics major. May not be taken for credit by students who have received credit for MATH 311. Corequisite: EDMS 512B, EDMS 522B, EDMS 543B. Prerequisite MATH 212 with a grade of C or better and participation in the Integrated Credential Program.

## MATH 346 (3)

[New Course]

Mathematical Methods for Physics  
Survey of mathematical methods applicable to physics. Includes series, complex analysis, ordinary and partial differential equations, and special functions and transforms. Recommended: MATH 260. Prerequisite: MATH 162.

## PHYS 280 (3)

[New Course]

Introduction to Electronics  
Introduction to the design and measurement techniques of modern electronics. Includes AC circuit theory, passive filters, semiconductor diodes, transistors, operational amplifiers, including active filters, and a general introduction to digital circuits. The activities provide students with an opportunity for hands-on experience with a wide range of electronic circuits. Two hours of lecture and two hours of activity. Recommended completion or concurrent enrollment: PHYS 203. Prerequisite: PHYS 202.

## PHYS 320 (3)

[New Course]

Classical Mechanics  
Classical mechanics and associated mathematical and numerical techniques: Principles of Newtonian mechanics, an introduction to Hamiltonian and Lagrangian Dynamics. Applications to central force problems and small vibrations, and other selected topics in mechanics, including applications in engineering and biological systems. Prerequisites: PHYS 203.

## PHYS 323 (3)

[Change in title, course description, and prerequisite]

Quantum Physics

A survey of quanta based physical theories, their experimental foundations and applications: quantum physics of atoms, molecules, nuclei and electrons; introduction to condensed matter physics. Recommended: MATH 346. Prerequisite: PHYS 203.

## PHYS 324 (3)

[New Course]

Statistical Mechanics and Thermodynamics

Covers the laws of thermodynamics with applications to ideal and non-ideal systems. Includes elementary kinetic theory of gases, entropy, classical and quantum statistical mechanics. Other topics covered may include magnetism and low-temperature physics. Prerequisites: PHYS 203.

## PHYS 380 (2)

[New Course]

Applied Laboratory Techniques  
Experimental work including an introduction to the equipment and techniques used in mechanics, electromagnetism, optics, electronics, quantum physics, nuclear physics, biophysics, medical physics, and/or geophysics. An emphasis will be placed on experimental design and data analysis. Six hours of laboratory. Prerequisite: PHYS 203.

## PHYS 421 (3)

[New Course]

Applied Electromagnetic Waves and Optics

Includes radiation and propagation of electromagnetic waves, ray optics, physical optics, optical devices, laser optics, holography, and optics of vision. Prerequisites: PHYS 321, MATH 162, MATH 346.

## PHYS 422 (3)

[Change in course number (formerly PHYS 322), title, description, and prerequisites]

Applied Solid State Physics

Selected topics in solid-state physics. Includes crystal structure, thermal, electrical, and magnetic properties of solids, elementary band theory, semiconductors, and solid-state devices. May not be taken for credit by students who have received credit for PHYS 322. Prerequisites: PHYS 203, and an upper-division non-GE mathematics course.

## PHYS 423 (3)

[New Course]

Quantum Mechanics

A study of the concepts and theories of nonrelativistic quantum mechanics. Includes the Schroedinger equation, operators, angular momentum, the hydrogen atom, and applications to simple quantum mechanical systems. Prerequisites: PHYS 323, MATH 346.

## PHYS 480 (2)

[New Course]

Advanced Applied Physics Laboratory  
Experimental work including in-depth experimentation in mechanics, electromagnetism, optics, electronics, quantum physics, computational physics, biophysics, medical physics, and/or geophysics. An emphasis will be placed on experimental design and data analysis. Six hours of laboratory.  
Prerequisite: PHYS 203, 280.

## PSCI 410 (3)

[Reactivated Course]

Congress and the Legislative Process  
The legislative process in U.S. Congress and state legislatures. Analysis of law making, representation, behavior of individual legislators. Considers relationships between legislatures and other branches of government.  
Prerequisite: PSCI 100 or equivalent. (USGP)

## SOC 324 (4)

[The units were incorrectly listed in the catalog; this course is for four (4) units]  
Drugs and Alcohol in Society

## SOC 488 (2-4)

[The units were incorrectly listed in the catalog; this course is for two-to-four (2-4) units]  
Topics in Health, Education and Welfare

## WLAN 115 (3)

[New Course]

Introduction to Literatures of the World in Translation: Beginnings to 1600  
Introduction to literature as a universal artistic human expression, found throughout all times and all cultures. Readings from several broad regions of the world, and from before the 16th century, will be studied to determine what is both particular and universal about literature, how literature is an interpretation of life, and how that interpretation provides meaning.

## WLAN 116 (3)

[New Course]

Introduction to Literatures of the World in Translation: 1600 to Present  
Introduction to literature as a universal artistic human expression, found throughout all times and all cultures. Readings from several broad regions of the world, from 15th century to the present time, will be studied to determine what is both particular and universal about literature, how literature is an interpretation of life, and how that interpretation provides meaning.

## WMST 201 (3)

[Reactivated Course]

Women: Contemporary Issues  
Surveys contemporary issues in women's lives from the standpoints of diverse groups of women. Subject matter includes, but is not limited to images of women, reproductive rights, sexuality, economic justice, political empowerment, family relations, and cultural practices. Subject matter is introduced in a variety of ways, including case studies, narratives, novels, film, and music. Students may do cross-cultural research on the Internet and Lexis/Nexis for their final project.