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  B.S. in Chemistry ................................................................. 4
  Communicative Science and Disorders
    Preparation Certificate .................................................. 4
    Minor in Global Studies .................................................. 4
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  B.A. in Liberal Studies .......................................................... 7
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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
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.
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 Coordin-
tor of the Communicative Science and
Disorders Program in the College of
Education.

Preparation for the
Certificate:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 100</td>
<td>3</td>
</tr>
<tr>
<td>Required Courses:</td>
<td></td>
</tr>
<tr>
<td>BIOL 320</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 321</td>
<td>3</td>
</tr>
<tr>
<td>EDSL 350</td>
<td>3</td>
</tr>
<tr>
<td>ID 340</td>
<td>3</td>
</tr>
<tr>
<td>LING 300</td>
<td>3</td>
</tr>
<tr>
<td>LING 351</td>
<td>3</td>
</tr>
<tr>
<td>LING 360</td>
<td>3</td>
</tr>
<tr>
<td>LING 391</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 220</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 330</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 356</td>
<td>3</td>
</tr>
<tr>
<td>Total Units</td>
<td>36</td>
</tr>
</tbody>
</table>

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.

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

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

*Where course content is appropriate to Sub-Saharan Africa

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.

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
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

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

**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.
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.

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:

<table>
<thead>
<tr>
<th>Breadth of Study Coursework</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 340B</td>
<td>3</td>
</tr>
<tr>
<td>ID 381</td>
<td>3</td>
</tr>
<tr>
<td>HIST 347</td>
<td>3</td>
</tr>
<tr>
<td>LBST 361B</td>
<td>3</td>
</tr>
<tr>
<td>LING 300B</td>
<td>3</td>
</tr>
<tr>
<td>MATH 311B</td>
<td>3</td>
</tr>
<tr>
<td>VPA 321</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td><strong>21</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credential-Program Prerequisites</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 350</td>
<td>3</td>
</tr>
<tr>
<td>or 350B*</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 364B</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 422</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td><strong>9</strong></td>
</tr>
</tbody>
</table>

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

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 422

Semester 1: Language, Culture and Learning

Required Core Courses (10 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDMS 511B</td>
<td>3</td>
</tr>
<tr>
<td>EDMS 521B</td>
<td>3</td>
</tr>
<tr>
<td>EDMS 560A</td>
<td>1</td>
</tr>
<tr>
<td>LING 300B</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Non-Core Courses (6 units)

Depths of Study Course #1 3
VPA 321 3

Semester 2: Mathematics

Required Core Courses (12 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDMS 512B</td>
<td>3</td>
</tr>
<tr>
<td>EDMS 522B</td>
<td>3</td>
</tr>
<tr>
<td>EDMS 543B</td>
<td>3</td>
</tr>
<tr>
<td>MATH 311B</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Non-Core Courses (3 units)

Depth of Study Course #2 3

Semester 3: Science

Required Core Courses (9 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDMS 545B</td>
<td>3</td>
</tr>
<tr>
<td>ID 381</td>
<td>3</td>
</tr>
<tr>
<td>LBST 361B</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Non-Core Courses (6 units)

Depth of Study #3 3
HIST 347 3

Semester 4: Community

Required Core Courses (10 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDMS 544B</td>
<td>3</td>
</tr>
<tr>
<td>EDMS 555B</td>
<td>3</td>
</tr>
<tr>
<td>EDMS 560B</td>
<td>1</td>
</tr>
<tr>
<td>ID 340B</td>
<td>3</td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDMS 517B:</td>
<td>6</td>
</tr>
<tr>
<td>EDMS 572B:</td>
<td>6</td>
</tr>
<tr>
<td>EDMS 575B:</td>
<td>1</td>
</tr>
</tbody>
</table>

Required Non-Core Courses (3 units)

Depth of Study Course #3 3
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)
   
   Units
   
   LING 300 3
   or
   LING 305 3
   LING 361 3
   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 Preparation for the Major.

Changes to
Admission Requirements and Academic Policies

Change to Add/Drop and Withdrawal Policy

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

ANTH 499 (3)
[Change in unit value]
Directed Research in Medical Anthropology

BA 611 (4)
[New Course]
Financial Accounting
Introduces a set of financial statements used by stakeholders for decision-making. Examines procedures developed 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: Admission to the MBA Program.

BA 615 (4)
[New Course]
Statistics
Methods of statistical inference emphasizing applications to administrative 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 evaluation, 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 optimization 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 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 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)  
[Correction: Course in Catalog appears as one-unit. The course is for two-units.]  
Selected Topics in Business Management

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 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: GEL 010A 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.
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, splintering, 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 Hearth 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)  
Addded 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
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 grassroots/community media, self-publishing, viral marketing, festivals, tradeshows, pod and web casting, and learn about the communication processes used to create distribution networks. (MUE, MOS, 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)  
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)  
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]  
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 prerequisites]  
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 424 (3)  
[New Course]  
Applied Electromagnetics  
A study of practical applications of electromagnetic theory. Includes wave propagation, transmission lines, antennas, and applications to engineering systems. Prerequisites: PHYS 321, 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.

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.