

**SAN DIEGO STATE UNIVERSITY**  
**2009-2010 Articulation Renewal/Catalog Changes**  
Prepared by Stephanie Samuels,  
Articulation Officer

San Diego State University's general catalogs are located on our website at <http://coursecat.sdsu.edu/catalogs/index.html> Course descriptions for courses can be found by clicking on *CATALOG INDEX* (left frame).

SDSU will currently not articulate courses from the following departments: Administration, Rehabilitation and Postsecondary Education, Aerospace Studies, Japanese, Military Science, Naval Science, and Nursing. The following courses are also not accepted for articulation: Art 148, 241, 242, 248, 249, 250, and 251; Astronomy 201; French 200; General Studies 100, 200, 250, 255, and 260 A-F; Linguistics 281; Music 105A/B, 110A/B, 205A/B, 206A/B, 210A/B, 211A/B, 250A-L, 251A-L; Rhetoric and Writing Studies 280 and 281. Courses numbered 296 are "Experimental Topics" courses and are not appropriate for articulation purposes.

-----**ARTICULATION AGREEMENT UPDATES**-----

SDSU will no longer articulate the above listed Music courses. SDSU requires placement examinations or auditions for these courses once students matriculate at SDSU. Based on the results of these placement examinations, students are directed to their appropriate skill-level course.

SDSU added the following prerequisite to SDSU's 09/10 Catalog for both Economics 101 (Macro) and Economics 102 (Micro): "Satisfaction of the Entry-Level Mathematics requirement." SDSU will honor existing Economics articulations through Summer 2010. Effective Fall 2010, SDSU will be honoring only the LDTP articulation decisions (to include Intermediate Algebra as the prerequisite). Please note on your 2009-2010 draft articulation agreement the footnote "Last year acceptable for articulation" for those courses not yet approved for LDTP.

As a reminder, if your Financial and Managerial Accounting courses have not been approved via LDTP, please note the denial on your 2009-2010 draft articulation agreement.

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| <b><u>NEW COURSES FOR 2009-2010:</u></b> |
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**AMERICAN INDIAN STUDIES**

**AMIND 120.** *Written Communication* (3) [GE]

Prerequisite: Satisfaction of the EPT and Writing Competency requirements.

Understanding of rhetoric of written argument from interdisciplinary perspectives, with reference to American Indian content. Designed to develop and enhance composition and reading skills. Focus on writing skills that contribute to academic growth and development. Not open to students with credit in AFRAS 120 or CCS 111B or ENGL 100 or GEN S 260A or LING 100 or RWS 100 or 101.

## **ASIAN STUDIES (ASIAN)**

### **ASIAN 150.** *Understanding the Chinese World* (3) [GE]

Traditions of Chinese civilization and their contemporary transformations. Chinese civilization through introductory modules on geography, language, religions, philosophies, arts, history, and politics of Chinese world.

## **DANCE (DANCE)**

### **DANCE 100.** *Dance Activity* (1)

Two hours of activity.

Provides physically skilled instruction and knowledge of yoga. Open to all students.

D. Yoga for Dancers

## **INTERNATIONAL SECURITY AND CONFLICT RESOLUTION (ISCOR)**

### **ISCOR 200.** *International Security and Conflict Resolution* (3)

Comprehensive picture of multidisciplinary international and conflict resolution (ISCOR) program.

## **PERSIAN (PERS)**

### **PERS 202.** *Intermediate Persian II* (4) [GE]

Prerequisite: Persian 201.

Intermediate level students achieve further proficiency in speaking, listening, reading, and writing; produce language needed for daily routines and work related discourse.

## **RUSSIAN (RUSSN)**

### **RUSSN 120.** *Russia Today: Russian Culture and People* (3) [GE]

Political, cultural, and historical events and trends that have been instrumental in forming contemporary Russian national cultural identity. Taught in English.

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| <b>CHANGE IN COURSE NUMBER FOR 2009-2010:</b> |
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## **SOCIOLOGY (SOC)**

### **SOC 102.** *Introduction to Social Problems* (3) [GE]

(Formerly numbered SOC 150).

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| <b>CHANGE IN COURSE NUMBER, DESCRIPTION, AND PREREQUISITE FOR 2009-2010:</b> |
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## **BIOLOGY (BIOL)**

### **BIOL 203.** *Principles of Cell and Molecular Biology* (3)

Prerequisites: CHEM 200 and satisfaction of the EPT requirement. Credit or concurrent registration with a grade of B or better in BIOL 203L.

Principles of biology applying to all organisms, including basic biochemistry, cell structure, membrane transport, energy metabolism, cell division, classical and molecular genetics, gene expression, development, and recombinant DNA. Same course as lecture portion of BIOL 201A. (BIOL 203 and 203L formerly number BIOL 201A).

### **BIOL 203L.** *Principles of Cell and Molecular Biology Laboratory* (1)

Three hours of laboratory.

Prerequisites: CHEM 200 and satisfaction of the EPT requirement. Concurrent registration in BIOL 203.

Laboratory experiences designed to demonstrate and reinforce concepts presented in lecture through active scientific investigation and experiences in observing, identifying, describing, and explaining evolution of cellular processes, and in applying laboratory methods and procedures relevant to molecular biology. Same course as laboratory portion of BIOL 201A. (BIOL 203 and 203L formerly number BIOL 201A).

### **BIOL 204.** *Principles of Organismal Biology* (3)

Prerequisites: Satisfaction of the EPT requirement and concurrent registration in BIOL 204L. Recommended: Completion of BIOL 203 and 203L.

Principles of biology applying to all organisms, including systematics and diversity of bacteria, protista, fungi, plants and animals, and concepts of physiology, reproduction, development and differentiation, ecology and the causes of endangerment of a species. Same course as lecture portion of BIOL 201B. (BIOL 204 and 204L formerly numbered BIOL 201B).

### **BIOL 204L.** *Principles of Organismal Biology Laboratory* (1)

Three hours of laboratory.

Prerequisites: Satisfaction of the EPT requirement and concurrent registration in BIOL 204. Recommended: Completion of BIOL 203 and 203L.

Laboratory experiences demonstrate and reinforce concepts and descriptive information presented in lecture through active scientific investigation and experience in observing, identifying, and classifying life, in analyzing the structural features of life, and in evaluating their adaptive significance. Same course as laboratory portion of BIOL 201B. (BIOL 204 and 204L formerly numbered BIOL 201B).

### **BIOL 211.** *Fundamentals of Microbiology* (2)

Prerequisites: BIOL 203 and 203L; or BIOL 100, and CHEM 100 or 102 or 130.

Microorganisms of the environment, including disease-producing organisms, their actions and reactions. For nursing, nutrition, and kinesiology (prephysical therapy) majors. Not applicable to biological sciences majors; see BIOL 350. Same course as lecture portion of BIOL 210. (BIOL 211 and BIOL 211L formerly numbered BIOL 210).

**BIOL 211L.** *Fundamentals of Microbiology Laboratory (2)*

Six hours of laboratory.

Prerequisites: Credit or concurrent registration with a grade of C or better in BIOL 211. BIOL 203 and 203L; or BIOL 100, and CHEM 100 or 102 or 130.

Fundamentals of microbiology, including study of bacteria, fungi, protozoa, and algae of environment, including disease-producing organisms, their actions and reactions. Same course as laboratory portion of BIOL 210. (BIOL 211 and BIOL 211L formerly numbered BIOL 210).

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| <b>CHANGE IN COURSE PREREQUISITE FOR 2009-2010:</b> |
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**BIOLOGY (BIOL)**

**BIOL 261.** *Human Physiology (4)*

Prerequisites: BIOL 100 or 203, and BIOL 212; CHEM 102 (or 100 and credit or concurrent registration in CHEM 130).

**Change:** Added BIOL 203. (Changed course number) and clarified necessary Chemistry prerequisites.

**CHEMISTRY (CHEM)**

**CHEM 200.** *General Chemistry (5)*

Three lectures and six hours of laboratory.

Prerequisites: Knowledge of introductory chemistry as demonstrated by completion of CHEM 100 with a grade of C or better; or satisfaction of the ELM requirement and qualification on the Chemistry Department Placement Examination.

General principles of chemistry with emphasis on inorganic materials.

**Change:** Update with new enforceable prerequisites to ensure necessary student background to succeed in course. Will decrease number of repeating students.

**CHEM 202.** *General Chemistry for Engineers (4)*

Three lectures and three hours of laboratory.

Prerequisites: Knowledge of introductory chemistry as demonstrated by completion of CHEM 100 with a grade of C or better; or satisfaction of the ELM requirement and qualification on the Chemistry Department Placement Examination.

General principles of chemistry with emphasis on inorganic and physical chemistry and chemistry basics for engineers. Not open to students with credit in CHEM 200. Restricted to engineering majors.

**Change:** Update with new enforceable prerequisites to ensure necessary student background to succeed in course. Will decrease number of repeating students.

## DANCE (DANCE)

### **DANCE 253.** *Choreography I* (2)

Four hours of activity.

Prerequisites: Dance 241 (3 units) and 255.

Using concepts of space, time, and energy to investigate and explore basic elements of choreography. Studies and compositions emphasizing solo and small group works.

**Change:** Reduce units in Dance 241 from 6 to 3 units. Students need to begin three semester sequence earlier in program of study.

## ECONOMICS (ECON)

### **ECON 101 & 102.** *Principles of Economics* (MACRO & MICRO)

Prerequisite: Satisfaction of the ELM requirement.

**Change:** Added prerequisite to align with LDTP.

## GEOLOGY (GEOL)

### **GEOL 205.** *Historical Geology* (4)

Prerequisites: OCEAN 100 or GEOL 100 & 101 or GEOL 101 and 104.

**Change:** Added more course options.

## MATHEMATICS (MATH)

### **MATH 241.** *Mathematics Software Workshop* (1)

Prerequisite: MATH 150.

**Change:** MATH 151 not necessary, MATH 150 is sufficient.

### **MATH 242.** *Mathematical Programming* (3)

Prerequisite: MATH 121 or 150.

**Change:** MATH 122 or 151 not necessary, MATH 121 or 150 is sufficient.

## SOCIOLOGY (SOC)

### **SOC 250.** *Introduction to Social Research* (3)

Prerequisite: Sociology 201 or a college level statistics course.

Methods of sociological analysis including surveys, participant observation, ethnography, comparative, historical, and content analysis. Methods are linked to sociological theory.

**Change:** Deleted SOC 200A & SOC 200B-200J & replaced with “or a college level statistics course”.

## **THEATRE (THEA)**

**THEA 240A & B.** *Theatre Design and Technology I & II* (3) (3)

Prerequisite: THEA 100.

**Change:** Removed THEA 107 from prerequisite.

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| <b>CHANGES IN COURSE PREREQUISITE AND DESCRIPTION FOR 2009-2010:</b> |
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## **CHEMISTRY (CHEM)**

**CHEM 201.** *General Chemistry* (5)

Three lectures and six hours of laboratory.

Prerequisite: Chemistry 200 with a grade of C or better.

Continuation of Chemistry 200. General principles of chemistry with emphasis on fundamentals of chemical reactions.

**Change:** Updates course. Builds on material taught in CHEM 200.

**CHEM 232.** *Organic Chemistry* (3)

Prerequisites: Chemistry 201 with a grade of C or better and credit or concurrent registration in Chemistry 232L.

Properties and synthesis of organic compounds including reaction mechanisms. Same course as lecture portion of Chemistry 231. Not open to students with credit in Chemistry 231.

**Change:** To ensure students have necessary background that is part of changes to separate lab/lecture portions of required organic chemistry courses and to cut down on number of repeating students.

**CHEM 232L.** *Organic Chemistry Laboratory* (1)

Three hours of laboratory.

Prerequisites: Chemistry 201 with a grade of C or better and credit or concurrent registration in Chemistry 232.

Properties and synthesis of organic compounds including methods of separation and purification techniques. (Same course as laboratory portion of Chemistry 231. Not open to students with credit in Chemistry 231).

**Change:** To ensure students have necessary background that is part of changes to separate lab/lecture portions of required organic chemistry courses and to cut down on number of repeating students.

## SOCIOLOGY (SOC)

### **SOC 200A.** *Introduction to SPSS* (1)

Two hours of activity for 12 weeks and six hours to be arranged.

Prerequisite: Completion of an elementary college level statistics course with a grade of C or higher.

Use of computer package SPSS to organize and modify numerical data. Selected procedures include data file creation, frequency, and descriptive statistics, graphs and charts, cross tabulation, t-tests, one-way ANOVA, correlation, and regression.

**Change:** Due to proposed change of program for sociology major. Removed maximum credit 6 units SOC 200A-J.

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| <b>CHANGE IN COURSE TITLE FOR 2009-2010:</b> |
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## JOURNALISM AND MEDIA STUDIES (JMS)

### **JMS 200.** *Introduction to Contemporary Media* (3) [GE]

Mass media and emerging forms of niche media in the global community. Theories, structures, functions, practices, problems, interrelationships, economics, critical analyses, history, and ethics. (Formerly numbered COMM 200.)

**Change:** Revised title more accurately reflects this GE Foundations of Learning course.

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| <b>CHANGE IN COURSE DESCRIPTION FOR 2009-2010:</b> |
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## ELECTRICAL ENGINEERING (E E)

### **E E 210.** *Circuit Analysis I* (3)

Prerequisites: Mathematics 151 and Physics 196.

Circuit analysis by reduction methods, Thevinin and Norton's equivalence, mesh current and nodal voltage analysis. Transient analysis of first-order circuits and use of phasors for steady-state sinusoidal analysis. Operational amplifier models, impedance, power.

Computer software tools for circuit analysis.

**Change:** Better reflect circuit engineering principles being taught.

## INFORMATION AND DECISION SYSTEMS (IDS)

### **IDS 180.** *Principles of Information Systems* (3)

Fundamentals of information systems in business. Integration of information technology, e-commerce, systems analysis, database management systems, networking, security, and collaboration. Application of concepts through developing solutions to business problems using spreadsheets, database management systems, and web development tools/languages.

**Change:** Updated to reflect current course content.

**CHANGE IN UNIT VALUE FOR 2009-2010:**

**ENVIRONMENTAL ENGINEERING (ENV E)**

**ENV E 101.** *Environmental Engineering Seminar* (1)

Breadth and depth of environmental engineering field through presentations by invited faculty, graduate students, guests, and seminar enrollees; including individual library research with written and oral presentations on selected environmental topics.

**Change:** As introductory course, lower unit to one in effort to lower program requirement.

**DELETED COURSES FOR 2009-2010:**

**CHEMISTRY (CHEM)**

**CHEM 231.** *Organic Chemistry* (4)

**LINGUISTICS (LING)**

**LING 250.** *Directed Language Study* (3)

**SOCIOLOGY (SOC)**

**SOC 200B.** *Introduction to Access* (1)

**SOC 200C.** *Introduction to Excel* (1)

**SOC 200D.** *Internet Research* (1)

**SOC 200E.** *Introduction to Word and PowerPoint* (1)

**SOC 200F.** *Introduction to Web Page Development* (1)

**SOC 200G.** *Introduction to SAS* (1)

**SOC 200I.** *Advanced Microsoft Access* (1)

**SOC 200J.** *Advanced Microsoft Excel* (1)

**SOC 200K.** *Introduction to Community Analysis* (1)

**CHANGE IN PROGRAM FOR 2009-2010:**

**ANTHROPOLOGY (ANTHRO)**

**Anthropology Major**

**With the B.A. Degree in Liberal Arts and Sciences**

**Preparation for the Major.** Anthropology 101 and 102; and either Economics 201, Political Science 201, Sociology 201, or Statistics 119 or 250. (9 units)

These prerequisite courses may not be taken Cr/NC. The minimum grade in each class is C or higher.

**Change:** Deletes basic computer courses no longer deemed necessary.

## **ASTRONOMY (ASTR)**

### **Astronomy Major**

**With the B.A. Degree in Liberal Arts and Sciences**

**With the B.S. Degree in Applied Arts and Sciences**

**Preparation for the Major.** Astronomy 201; Mathematics 150, 151, 252; Physics 195, 195L, 196, 196L, 197, 197L, 242. (30 units)

Recommended: Chemistry 200, Computer Science 106 or 107.

**Change:** Addition of Physics 242 to provide better grasp of fundamental concepts in mathematical physics.

## **CHEMISTRY (CHEM)**

### **Chemical Physics Major**

**With the B.S. Degree in Applied Arts and Sciences**

**Preparation for the Major.** Chemistry 200, 201, 232, 232L, 251; Mathematics 150, 151, 252; Physics 195, 195L, 196, 196L, 197, 197L, 242. (46 units)

Recommended: A course in computer programming.

**Change:** Removes PHYSICS 197 & 197L from required to recommended PHYSICS 242.

### **Chemistry Major**

**With the B.S. Degree in Applied Arts and Sciences**

**and Certificate of the American Chemical Society**

**Preparation for the Major.** Chemistry 200, 201, 232, 232L, 251; Mathematics 150, 151, 252; Physics 195, 195L, 196, 196L. (39 units) Recommended: Physics 197 and 197L.

#### **Emphasis in Biochemistry**

**Preparation for the Major.** Chemistry 200, 201, 232, 232L, 251; Biology 204, 204L; Mathematics 150, 151, 252; Physics 195, 195L, 196, 196L. (43 units)

Recommended: Physics 197 and 197L.

### **Chemistry Major**

**With the B.A. Degree in Liberal Arts and Sciences**

**and Certificate of the American Chemical Society**

**Preparation for the Major.** Chemistry 200, 201, 232, 232L, 251; Mathematics 150, 151, 252; Physics 195, 195L, 196, 196L. (39 units) Recommended: Physics 197 and 197L.

### **Chemistry Major**

**With the B.A. Degree in Liberal Arts and Sciences**

**Preparation for the Major.** Chemistry 200, 201, 232, 232L, 251; Biology 203, 203L, 204, 204L; Mathematics 150, 151, 252; Physics 195, 195L, 196, 196L. (47 units)  
Recommended: Physics 197 and 197L.

**Chemistry Major (Teaching Credential Only)**

**In preparation for the Single Subject Teaching Credential in Science/Chemistry  
With the B.A. Degree in Applied Arts and Sciences**

**Preparation for the Major.** Astronomy 109, 201; Biology 203, 203L, 204, 204L; Chemistry 200, 201, 232, 232L, 251; Communication 103; Mathematics 150, 151; Physics 180A, 180B, 182A, 182B, and Mathematics 252 OR Physics 195, 195L, 196, 196L, 197, 197L; Teacher Education 211. (55 units)

**Chemistry Minor**

(No change to first paragraph.)

The minor in chemistry consists of 15 units in chemistry to include Chemistry 232, 232L, 251.

**Change for all Chemistry majors and minor above:** Replaces BIOL 201B with BIOL 204 and 204L and replace CHEM 231 with CHEM 232 & 232L.

**ECONOMICS (ECON)**

**Economics Major**

**With the B.A. Degree in Liberal Arts and Sciences**

**Preparation for the Major.** Economics 101, 102; Accountancy 201; Economics 201 or Statistics 119 or 250; one course selected from Mathematics 120, 121, or 150; Sociology 200A; Information and Decision Systems 180. (19-20 units) These prerequisite courses may not be taken Cr/NC; except for courses taught as Cr/NC only. The minimum grade in each class is C or higher.

**Emphasis in International Economics**

**Preparation for the Major.** Economics 101, 102; Accountancy 201; Economics 201 or Statistics 119 or 250; one course selected from Mathematics 120, 121, or 150; Sociology 200A; Information and Decision Systems 180. (19-20 units) These prerequisite courses may not be taken Cr/NC; except for courses taught as Cr/NC only. The minimum grade in each class is C or higher.

**Emphasis in Preprofessional Studies**

**Preparation for the Major.** Economics 101, 102; Accountancy 201; Economics 201 or Statistics 119 or 250; one course selected from Mathematics 120, 121, or 150; Sociology 200A; Information and Decision Systems 180; Communication 160. (22-23 units) These prerequisite courses may not be taken Cr/NC; except for courses taught as Cr/NC only. The minimum grade in each class is C or higher.

**Specialization in Quantitative Analysis**

**Preparation for the Major.** Economics 101, 102; Economics 201 or Statistics 119 or 250; Accountancy 201; Mathematics 150; Sociology 200A; Information and Decision

Systems 180. (20 units) These prerequisite courses may not be taken Cr/NC; except for courses taught as Cr/NC only. The minimum grade in each class is C or higher.

**Change for all Economics majors above:** Deletes prerequisites related to statistics and computer use (SOC 200B, 200C, 200D deleted).

## **EXERCISE AND NUTRITIONAL SCIENCES (ENS)**

### **Kinesiology Major**

#### **With the B.S. Degree in Applied Arts and Sciences**

#### **Emphasis in Prephysical Therapy**

**Preparation for the Major.** Exercise and Nutritional Sciences 104A or 104B, 210, 265, 265L; Biology 201A, 210, 212; Chemistry 200 and either 130 or 232; Nutrition 201; Physics 180A and 180B, 182A and 182B; Psychology 101; Sociology 101; and one of the following: Biology 215, Economics 201, Psychology 270, Sociology 201, Statistics 119. (45 units)

**Change:** Drops CHEM 201. Adds CHEM 130 or 232 to preparation for major.

## **GEOGRAPHY (GEOG)**

### **Geography Major**

#### **With the B.A. Degree in Liberal Arts and Sciences**

#### **General Geography Program**

**Preparation for the Major.** Geography 101, 101L, 102, 104. (10 units)

#### **Emphasis in Natural Resource and Environmental Geography**

**Preparation for the Major.** Geography 101, 101L, 102, 104; Biology 100 and 100L; Political Science 102; Statistics 250 or comparable statistics course. (20 units)

#### **Emphasis in Physical Geography**

**Preparation for the Major.** Geography 101, 101L, 102, 104; Mathematics 121 or 150; Chemistry 200; Physics 180A, 182A; Statistics 250 or comparable statistics course. (25-26 units)

#### **Emphasis in Urban and Regional Analysis**

**Preparation for the Major.** Geography 101, 101L, 102, 104; Computer Science 105 or 107; Economics 102; Statistics 250 or comparable statistics course. (19 units)

**Change to all Geography majors above:** Adds GEOG 104.

## **INTERNATIONAL SECURITY AND CONFLICT RESOLUTION (ISCOR)**

### **International Security and Conflict Resolution Major**

**With the B.A. Degree in Liberal Arts and Sciences**

**Preparation for the Major.** (27 units) International Security and Conflict Resolution 200; Economics 101, 102; History 101; Political Science 103; Religious Studies 101; and three units from each of the following groups:

1. Anthropology 102 or Geography 102;
2. Comparative Literature 270B; History 100, or Philosophy 101;
3. Economics 201, Political Science 201, Psychology 270 or Sociology 201, Statistics 119 or 250.

Recommended for General Education in the Natural Sciences: In the Life Sciences, Biology 100 or 101; in the Physical Sciences, Chemistry 100, Geography 101 or Physics 107.

**Change:** Addition of new, introductory ISCOR 200, to provide coherent picture of major to incoming students.

**MATHEMATICS (MATH)**

**Mathematics Major**

**With the B.A. Degree in Liberal Arts and Sciences**

**Preparation for the Major.** Mathematics 150, 151, 245, 254. (14 units)

**Additional Lower Division Coursework Required.** Mathematics 242, 252. (7 units)

Recommended: Physics 195, 195L, 196, 196L, 197, 197L.

**Change:** Removes Math 241 and Computer Science 107. Adds Math 242.

**Mathematics Major**

**With the B.S. Degree in Applied Arts and Sciences**

**Emphasis in Applied Mathematics**

**Preparation for the Major.** Mathematics 150, 151, 245, 254. (14 units)

**Additional Lower Division Coursework Required.** Mathematics 242, 252, Statistics 250. (10 units)

**Change:** Removes Math 241 and Computer Science 107. Adds Math 242.

**Emphasis in Computational Science**

**Preparation for the Major.** Mathematics 150, 151, 245, 254. (14 units)

**Additional Lower Division Coursework Required.** Mathematics 242, 252, Computer Science 107, 108, Statistics 250. (16 units)**Change:** Removes Math 241 & Computer Science 205. Adds Math 242.

**Emphasis in Mathematical Finance**

**Preparation for the Major.** Mathematics 150, 151, 245, 254. (14 units)

**Additional Lower Division Coursework Required.** Mathematics 242, 252, Statistics 119 or 250. Accountancy 201, Economics 101 and 102 are required in order to register for the upper division finance courses. (19 units)

**Change:** Removes Math 241 & Computer Science 107. Adds Math 242.

**Emphasis in Science**

**Preparation for the Major.** Mathematics 150, 151, 245, 254. (14 units)

**Additional Lower Division Coursework Required.** Mathematics 242, 252, Statistics 250. (10 units) Some lower division courses will probably be prerequisite to science courses applied to the major.

**Change:** Removes Math 241 & Computer Science 107. Adds Math 242.

**Mathematics Major**

**In preparation for the Single Subject Teaching Credential**

**With the B.A. Degree in Liberal Arts and Sciences**

**Preparation for the Major.** Mathematics 150, 151, 245, 254. (14 units)

**Additional Lower Division Coursework Required.** Mathematics 241, 252, Statistics 250, Teacher Education 211. (9 units)

**Change:** Addition of Teacher Education 211.

**MUSIC (MUSIC)**

**Music Major**

**With the Bachelor of Music Degree in Applied Arts and Sciences**

**Preparation for the Major.** All majors must fulfill the requirements in one of the following areas of specialization.

(a) ***Contemporary Culture.***

***Track 1) Electro-Acoustic Music:*** Music 104, 110A-110B, 151, 160, 161; four units selected from courses numbered 170 through 189; Music 204, 205A\*, 205B, 206A\*-206B; two units of 207; 210A-210B or 211A-211B; two units selected from 212 to 218; two units of Music 251L; 260; four units of lower division music electives. (36 units)

***Track 2) Professional Studies:*** Added Music 206A\*-206B. (35 units)

***Track 3) World Music:*** Music 104, 110A-110B, 151, 160, 161; four units selected from Music 170; Music 204, 205A\*, 205B, 206A\*-206B; 210A-210B or 211A-211B; four units of Music 251K; 260, 261; four units of lower division music electives. (35 units)

(b) ***Music Education.*** Music 104, 110A-110B, 151, 161; four units selected from courses numbered 170 through 189; Music 204, 205A\*, 205B, 206A\*-206B; 210A-210B or 211A-211B; 212, 214, 215, 216, 217, 218, 246A, 246B; four units of Music 251; Music 261. (37 units)

(c) ***Performance.*** Music 104, 110A-110B, 151; six units selected from courses numbered 170 through 189; Music 205A\*, 205B; 206A\*-206B, 210A-210B or 211A-211B; 12 units of Music 250 (Vocal majors must take Music 243\*. Keyboard majors do not take Music 210A-210B.) (32-35 units)

- (d) **Composition.** Music 104, 110A-110B, 151, 161; six units selected from courses numbered 170 through 189; Music 204, 205A\*, 205B, 206A\*-206B; two units of Music 207; 210A-210B or 211A-211B; four to six units of Music 251; Music 261. (31-33 units)
- (e) **Jazz Studies.** Music 104, 151, 166; six units selected from courses numbered 170 through 189; Music 204, 205A\*, 205B, 206A\*-206B; four to eight units of Music 251; Music 266. (27-31 units)
- \* Additional prerequisites required.

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**Change:** Adds choice of Music 210A-210B or 211A-211B. Add Music 206A\*-206B.

## **MUSIC MINOR**

**Electro-Acoustic Music.** Requirements include the following lower division units; Music 105A, 105B, 110A-110B, 160, 260.

**Change:** Remove Music 104 and two units of Music 207.

## **RECREATION AND TOURISM MANAGEMENT (RTM)**

### **Recreation Administration Major**

**With the B.S. Degree in Applied Arts and Sciences**

### **Emphasis in Outdoor Resource Management**

**Preparation for the Major.** Recreation and Tourism Management 101, 107, 284; Biology 100 or 101; Geography 102, 104; Geological Sciences 100, 101; Oceanography 100. (27 units)

**Change:** Adds Geography 102; delete Biology 100L or 101L.

## **RUSSIAN (RUSSN)**

### **Russian Major**

**With the B.A. Degree in Liberal Arts and Sciences**

**Preparation for the Major.** Russian 100A, 100B, 110 or 120, 200A, 200B. (23 units)

**Change:** Adds new course, RUSSN 120 as option to fulfill preparation for the major.

## **SOCIOLOGY (SOC)**

### **Sociology Major**

**With the B.A. Degree in Liberal Arts and Sciences**

**Preparation for the Major.** Sociology 101, 102, 200A, 201, 250.

Note: Statistics 119 or 250, or Biology 215, will be accepted in lieu of Sociology 201. (13 units)

These prerequisite courses may not be taken Cr/NC. The minimum grade in each class is C or higher.

**Change:** Update wording to reduce units required for major preparation. Deletes IDS 180 and two units selected from SOC 200B through 200J. Computer courses not essential to sociology discipline.

**STATISTICS (STAT)**

**Statistics Major**

**With the B.S. Degree in Applied Arts and Sciences**

**Preparation for the Major.** Statistics 119 or 250; Mathematics 150, 151, 245, 254. (17 units)

**Additional Lower Division Coursework Required.** Mathematics 252, Computer Science 106 or 107. (7 units)

**Change:** Update wording of degree.

**THEATRE (THEA)**

**Theatre Arts Major**

**With the B.A. Degree in Applied Arts and Sciences**

**General Theatre Arts Program**

**Preparation for the Major.** Theatre 100, 110, 120, 130, 231, 240A, 240B, 240C, Television, Film and New Media 160 (27 units). Theatre 100, 120, 130, and Television, Film and New Media 160 must be completed with a grade of C or higher and cannot be taken for credit/no credit (Cr/NC).

**Emphasis in Children's Drama**

**Preparation for the Major.** Theatre 100, 110, 120, 130, 240A, 240B, 240C, Television, Film and New Media 160 (24 units). Theatre 100, 120, and 130 must be completed with a grade of C or higher and cannot be taken for credit/no credit (Cr/NC).

**Emphasis in Design and Technology for the Theatre AND**

**Emphasis in Design and Technology for Television and Film**

To declare an Emphasis in Design and Technology for Television and Film, in addition to the criteria for admission to the General Theatre Arts program, students must complete the following

- a. Theatre 240A and 240B (or transfer equivalent of these courses) with a GPA of 2.7;

- b. Submit portfolio of design work (see undergraduate design adviser for details).  
Transfer students should include a letter of support from previous school if no design work is available.

**Preparation for the Major.** Theatre 100, 120, 130, 240A, 240B, 240C, Television, Film and New Media 160 (21 units). Theatre 100, 120, and 130 must be completed with a grade of C or higher and cannot be taken for credit/no credit (Cr/NC).

**Emphasis in Performance**

To declare an Emphasis in Design Performance, in addition to the criteria for admission to the General Theatre Arts program, students must complete the following

- a. Theatre 110, 231 (or transfer equivalent of these courses) and Theatre 332;  
b. GPA of 3.0 or higher in the above courses;  
c. A written positive review of student's work by the instructor of Theatre 332.

**Preparation for the Major.** Theatre 100, 110, 120, 130, 231, 240A, 240B, 240C, Television, Film and New Media 160 (27 units). Theatre 100, 120, and 130 must be completed with a grade of C or higher and cannot be taken for credit/no credit (Cr/NC). Theatre 110, 231, 332 must be completed with a GPA of 3.0 or higher.

**Change:** Updating of degree program. Adds TFM 160, drops THEA 107.

**THEATRE ARTS MINOR**

The minor in theatre arts consists of 24 units to include the following lower division units: Theatre 100, 115, 120; and three units selected from Theatre 240A, 240B, or 240C.

**Change:** Changes to BA program reflected in minor. Delete THEA 107; add THEA 100.

**TELEVISION, FILM AND NEW MEDIA (TFM)**

**Television, Film and New Media Minor**

The minor in television, film and new media is designed for students in business, English, music, prelegal, theatre or other majors related to the writing, production, and distribution of media. The minor consists of a minimum of 21 units to include the following lower division units; Theatre 100, Television, Film and New Media 110, 160.

**Change:** Delete THEA 120.

**NEW EMPHASIS FOR 2009-2010:**

**ASIAN STUDIES (ASIAN)**

**ASIAN STUDIES MAJOR**

With the B.A. Degree in Liberal Arts and Sciences

**Emphasis in Chinese Studies and Language**

**Preparation for the Major.** Asian Studies 100, 101, 150; one course selected from Anthropology 102, Geography 102, History 101, Linguistics 101, Political Science 103, or Religious Studies 101. Chinese 101, 102, 201, and 202. The Chinese language courses can be satisfied by examination or completion of Chinese 202. See adviser. (32 units)

**Language Requirement.** The language requirement for graduation is automatically fulfilled by completing requirements for preparation for the major.

## **JOURNALISM AND MEDIA STUDIES (JMS)**

### **JOURNALISM MAJOR**

With the B.A. Degree in Liberal Arts and Sciences

#### **Emphasis in Media Studies**

Previously listed as COMMUNICATION major with a **Specialization** in Media Studies.

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| <b><u>NEW MINOR FOR 2009-2010:</u></b> |
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## **INTERDISCIPLINARY PROGRAMS**

### **Lesbian, Gay, Bisexual, and Transgender Studies Minor**

Dr. Esther D. Rothblum, Department of Women's Studies, is adviser for this minor.

This interdisciplinary minor consists of 15 upper division units (no lower division preparation).

## **PROFESSIONAL STUDIES AND FINE ARTS**

### **International Studies Minor**

The minor consists of 18 upper division units (no lower division preparation).

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| <b><u>DROPPED MINOR FOR 2009-2010:</u></b> |
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## **BIOLOGY (BIOL)**

### **Biology Minor**

Delete: Biology for Physiological Psychology.

**Change:** No longer a viable minor strand; many of the required courses are no longer offered.

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| <b><u>DELETION OF MAJOR FOR 2009-2010:</u></b> |
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## **ADMINISTRATION, REHABILITATION AND POSTSECONDARY EDUCATION (ARP)**

### **Bachelor of Vocational Education**

**Change:** Deletion of BVE program in response to Chancellor's Office mandate AA-2008-22.

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| <b>CHANGE IN MAJOR NAME FOR 2009-2010:</b> |
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## **JOURNALISM (JOUR)**

### **JOURNALISM MAJOR**

With the B.A. Degree in Liberal Arts and Sciences

**With an Emphasis in Advertising** (previously listed as Communication Major)

**With an Emphasis in Public Relations** (previously listed as Communication Major)