

Spring 2015 Addendum
To the 2014-16 CSUSM Catalog

TABLE OF CONTENTS

| | Page |
|-----------------------------------------------------------------------------|-------------|
| Additions and Changes to Academic Programs..... | 5 |
| General Education Program..... | 5 |
| College of Business Administration | 7 |
| B.S. in Business Administration | 7 |
| Accounting Option..... | 10 |
| Finance Option..... | 11 |
| Global Business Management Option | 12 |
| Global Supply Chain Management Option..... | 15 |
| Management Option..... | 16 |
| Management Information Systems Option | 19 |
| Marketing Option..... | 20 |
| Minor in Business Administration..... | 22 |
| College of Education, Health, and Human Services..... | 23 |
| <i>School of Education</i> | 23 |
| Certificate of Advanced Study in Leadership in Middle Level Education | 23 |
| M.A. in Education – Educational Administration Option | 24 |
| Preliminary Administrative Services Credential – Tier I | 25 |
| <i>School of Health and Human Services</i> | 26 |
| Applied Behavior Analysis Certificate of Advanced Study | 26 |
| Board Certified Behavior Analyst (BCBA) Track | 26 |
| Board Certified Assistant Behavior Analyst (BCaBA)Track | 27 |
| B.S. in Kinesiology..... | 27 |
| Option in Physical Education..... | 29 |
| Option in Applied Exercise Science | 30 |
| Option in Health Science | 32 |
| Option in Pre-Physical Therapy..... | 33 |
| <i>School of Nursing</i> | 34 |
| B.S. in Nursing | |
| Traditional BSN Option..... | 39 |
| Accelerated BSN Option..... | 40 |
| RN-to-BSN Option | 42 |
| College of Humanities, Arts, Behavioral and Social Sciences | 46 |
| B.A. in Child and Adolescent Development..... | 46 |
| B.A. in Criminology and Justice Studies..... | 49 |
| B.A. in Environmental Studies | 50 |
| M.A. in History..... | 52 |
| B.A. in Literature and Writing Studies – Literature Studies and | |

| | |
|----------------------------------------------------------------------|----|
| Writing Studies Concentrations | 52 |
| B.A. in Psychology | 52 |
| Minor in Psychology..... | 53 |
| B.A. in Sociology | |
| Health, Education, and Welfare Concentration | 53 |
| Critical Race Studies Concentration | 54 |
| B.A. in Special Major | 54 |
| College of Science and Mathematics | 55 |
| B.S. in Biochemistry | 55 |
| B.S. in Biotechnology | 57 |
| Pre-Health Professions Certificate | 59 |
| M.S. in Mathematics | 60 |
| Extended Learning | 62 |
| Academic Credit Certificates | 62 |
| Changes to Admission Requirements, Fees, and Academic Policies | 63 |
| Graduate Probation, Disqualification, and Reinstatement..... | 63 |
| Additions, Changes, and Corrections to Course Descriptions | 67 |

This Catalog Addendum supplements the information in the 2014-16 General Catalog.

LIST OF NEW AND CHANGED COURSES

Detailed course information begins on page 67 of this Addendum.

- ABA 601, 602, 603, 604, 605, 606
- ACCT 483, 484
- BA 600
- BIOL 105, 463, 489
- BIOT 697A-F
- BUS 204, 322, 324, 442, 495
- CHAD 496
- CHEM 250, 405
- CS 301
- EDMI 663
- EDMX 635
- EDST 450
- GBM 495
- GRMN 410

HIST 102
KINE 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 200, 202, 301,
303, 305, 307, 311, 326, 404, 405, 407, 415, 425, 495
LTWR 303, 304, 334D
MATH 440
MGMT 474
MILS 101, 102, 201, 202
MKTG 451
NURS 212A, 316A, 320, 321, 370, 445, 491, 493, 532B, 533A, 533C, 533D, 533E, 534A,
534B, 597ABC, 598A, 598B, 598C, 599A, 599B, 599C, 600
PSCI 319, 340, 349, 369, 379, 392
PSYC 330, 331, 345, 348, 349, 351, 395
SPAN 250, 301B
SOC 494, 495
VSAR 323, 333
WMST 380

ADDITIONS AND CHANGES TO ACADEMIC PROGRAMS

Changes to the General Education Program

Change to Area B2

[Added the following text to the end of the B-2 section, first column, page 109, 2014-16 Catalog]

Students who take and pass CHEM 150 and BIOL 210, with a C or better, can petition the BIOL Department and the General Education Committee for B2 credit.

Addition to B2 Courses:

BIOL 104

BIOL 105

Addition to B3 Courses:

BIOL 104

Additions to CC Courses:

COMM 410

GBST 390-4

HIST 300-11

LTWR 340

PHIL 342

MUSC 323

Additions to D7 Courses:

ENVS 100

Additions to D Courses:

ENVS 100

Area D

[The footnote for PSCI 100 was inadvertently left out of the 2014-16 Catalog, Page 112.]

Two courses (6 units)

GEOG 341, 347 (Dg)

HIST 130 (Dh) or HIST 131 (Dh)

PSCI 100* (Dc, Dg)

**Students transferring from other accredited institutions who have completed a course on United States government and the Constitution of the United States may replace PSCI 100 with a course on California state and local government: PSCI 415 (Dg) or HIST 347 (Dg).*

Additions to DD Courses:

ANTH 360
EDUC 374
ID 370-11
ID 370-12
ID 370-14
NATV 380-2
SOC 489-6
WMST 351
WMST 347

Addition to E Courses:

NURS 210
NURS 211

COLLEGE OF BUSINESS ADMINISTRATION

Change to

B.S. IN BUSINESS ADMINISTRATION

Program of Study

The Bachelor of Science in Business Administration degree offers the following options:

- Accounting Option
- Finance Option
- Global Business Management Option
 - Marketing Track
 - Entrepreneurship Track
- Global Supply Chain Management Option
- Management Option
 - Management and Organizations Track
 - Entrepreneurship Track
- Management Information Systems Option
- Marketing Option

After successful completion of the Lower-Division Pre-Business Core, students take an associated set of Foundation of Business and Core courses for their selected option/track. Each option/track has numerous required and elective courses from which a student can tailor a program to satisfy individual career goals. Students in the College of Business Administration (CoBA) will find that their program of study is both rigorous and relevant to real world business problems. The curriculum is designed to help students develop a wide range of skills and abilities applicable to both for-profit and not-for-profit sectors of the economy. The program's focus on problem identification and problem solving allows students to develop analytical and critical thinking skills that gives CSUSM business graduates a distinctive advantage in today's job market.

Senior Experience is a one-semester, 3-unit capstone course. This course challenges students to integrate and apply their business education by participating in real-world consulting engagements. This project is conducted while working in a team with fellow students. The goals for the first 2 weeks of the semester are to have students form into teams, match teams with projects, and provide them with the tools needed to successfully complete projects during the remainder of the semester. Topics to be covered during these first 2 weeks are: the problem solving process, primary and secondary research, critical thinking, consultation, project management, and strategies for team effectiveness. Senior Experience is offered each semester, Fall and Spring.

For additional information, please contact the Director of Senior Experience at (760) 750-4266, or email seniorexperience@csusm.edu. Throughout the curriculum, the program emphasizes intellectual, ethical, and social issues likely to affect business in the 21st Century. Global issues

and the realities of demographic diversity in the workplace are an integral part of the coursework. In summary, the goal of the program is to help students apply their critical thinking skills to solve problems encountered in the business world in innovative ways using team-based approaches.

Student Learning Outcomes

The goal of CoBA is to ensure that our graduates have learned and are able to demonstrate the knowledge, skills, competencies, and values they will need to achieve their personal and professional goals. Students who graduate with a Bachelor of Science in Business Administration will be able to:

1. effectively and professionally communicate both orally and in writing;
2. demonstrate critical thinking and problem-solving skills;
3. demonstrate interpersonal and collaboration skills;
4. apply analytics to business situations;
5. demonstrate proficiency in the use of information technology;
6. apply ethical and socially responsible perspectives/view points and demonstrate an understanding of their consequences;
7. identify and apply global perspectives in making business decisions; and
8. describe and apply foundational business concepts, theories, processes, and strategies.

Program Requirements

The undergraduate program leads to a Bachelor of Science in Business Administration. Careful planning is the key to efficiently meeting program requirements. There are General Education and university-wide graduation requirements, lower-division pre-business core, and upper-division requirements for the major.

All students applying for admission to the CoBA are initially classified as Pre-Business status. Students need to submit a Business Status Application (available at www.csusm.edu/coba) to the CoBA Advising Office in person, or via online, fax, or U.S. mail, along with complete copies of unofficial transcripts for all non-CSUSM coursework in the pre-business core. This is in addition to the official transcripts that are required by the Office of Admissions. Upon verification of successful completion of the pre-business core requirements, a student will be accepted in the Business Program (i.e., attain business status).

Completion of the pre-business core (Business Status) is a prerequisite for all upper-division CoBA business courses.

The CoBA requires that at least 50% of the upper-division major coursework required for each of its options be earned at Cal State San Marcos. Completion of the Senior Experience at Cal State San Marcos is required of all students.

Transfer Credit

Lower-division courses clearly equivalent in scope, content, and level will be accepted for transfer credit (if taken from a regionally accredited U.S. institution or from a foreign institution recognized by Cal State San Marcos and the CoBA). Transfer credit will be granted for upper-division courses only in those cases where the course content and level are equivalent to Cal State San Marcos courses and/or where the courses were taken in a program accredited by AACSB International – The Association to Advance Collegiate Schools of Business. Exceptions will be made on an individual basis only where a review of the proposed transfer credit course indicates content and depth at least equal to the equivalent of a Cal State San Marcos course. An Upper-Division Transfer Credit Approval Form is available on the CoBA web site. A student requesting such a review will be required to provide supporting documentation, such as course syllabi and required texts, along with complete copies of unofficial transcripts. This is in addition to the official transcripts that are required by the Office of Admissions.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

In order to receive a Bachelor of Science in Business Administration, a student must earn a minimum of 120 units. All courses counted toward the major must be completed with a grade of C (2.0) or better. The Lower-Division Pre-Business Core must be completed with a minimum GPA of 2.5 or better.

Students should refer to the College of Business web site (www.csusm.edu/coba) for an option checklist and a suggested course sequence for each option.

Lower-Division Pre-Business Core Requirements for the Bachelor of Science in Business Administration and the Minor in Business Administration

Lower-Division Pre-Business Core (24 units)

| | Units |
|----------|--------------|
| ACCT 201 | 3 |
| ACCT 202 | 3 |
| BUS 202 | 3 |
| BUS 203 | 3 |
| BUS 204 | 3 |
| ECON 201 | 3 |
| ECON 202 | 3 |
| MATH 132 | 3 |

ACCOUNTING OPTION

(51 Units)

Accounting has often been called “the language of business.” Through its accounting system, an organization records its transactions and communicates its performance to stakeholders. In today’s increasing complex and dynamic business environment, accounting professionals are an integral member of the team of business decision-makers. Our program emphasizes building strong technical knowledge, developing written and oral communication skills, fostering lifelong learning and critical thinking ability, and offering opportunities to interact with the local professional accounting community. The accountancy curriculum at CSUSM is designed, in part, to prepare students for careers as accounting professionals. Through its relevant and rigorous curriculum, the option prepares students for careers in public accounting, managerial accounting, government accounting, not-for-profit accounting, and other business-related areas.

Foundations of Business Courses (10 units)

| | |
|----------|---|
| BUS 302 | 2 |
| BUS 322 | 2 |
| MGMT 302 | 2 |
| MKTG 302 | 2 |
| OM 302 | 2 |

Note: Transfer credit for upper-division Accounting courses will not be accepted from any institution outside of CSUSM. Accounting courses can only be attempted a total of 2 times. Exceptions can be made on a case-by-case basis if a student submits a petition which explains what happened.

Accounting Option Core Courses (26 units)

| | |
|----------|---|
| ACCT 301 | 4 |
| ACCT 302 | 2 |
| ACCT 306 | 4 |
| ACCT 307 | 4 |
| ACCT 308 | 4 |
| ACCT 416 | 4 |
| FIN 304 | 4 |

Accounting Option Electives (8 units)

All 8 units must be selected from the following list of Accounting Courses.

| | |
|--------------|-----|
| ACCT 406 | 2 |
| ACCT 407 | 2 |
| ACCT 421 | 2 |
| ACCT 422 | 2 |
| ACCT 423 | 2 |
| ACCT 481-484 | 1-4 |
| ACCT 498 | 1-4 |

| | |
|--------------------|---|
| Capstone (7 units) | |
| BUS 444 | 4 |
| BUS 495 | 3 |

FINANCE OPTION
(51 Units)

Finance is the study of the interaction of firms and financial markets. Financial managers attempt to identify projects that increase firm value and determine the best means by which to finance the projects they undertake. Investors, the source of financing for these projects, are free to choose from many types of securities issued by different types of firms. The risk-return profiles of these individual securities, and the impact of portfolio design on the attainment of optimal risk-return profiles, are major topics in finance. CSUSM students who choose the finance option are able to gain understanding in the study of corporate finance, investment analysis, and international finance. Students are provided an education that permits them to pursue careers such as financial analysts, financial managers, investment advisers, and portfolio/money managers.

| | |
|--------------------------------------------|---|
| Foundations of Business Courses (14 units) | |
| BUS 302 | 2 |
| BUS 324 | 4 |
| MGMT 302 | 2 |
| MKTG 302 | 2 |
| MIS 302 | 2 |
| OM 302* | 2 |

**Equivalent 4-unit course (OM 305) can be substituted for this 2-unit course with 2 units applied toward electives.*

| | |
|-----------------------------|---|
| Required Courses (24 units) | |
| FIN 304 | 4 |
| FIN 321 | 4 |
| FIN 331 | 4 |
| FIN 341 | 4 |
| FIN 404 | 4 |
| FIN 422 | 4 |

Electives (8 units)

The remaining units must be taken only from the following list of approved courses:

| | |
|----------|---|
| ACCT 307 | 4 |
| ECON 301 | 3 |
| ECON 302 | 3 |
| ECON 303 | 3 |
| ENTR 422 | 2 |

| | |
|-------------|-----|
| FIN 432 | 2 |
| FIN 481-484 | 1-4 |
| FIN 498 | 1-4 |
| OM 406 | 4 |
| OM 440 | 4 |

Note: Please check the prerequisites for elective courses in schedule planning.

| | |
|--------------------|---|
| Capstone (5 units) | |
| BUS 442 | 2 |
| BUS 495 | 3 |

GLOBAL BUSINESS MANAGEMENT OPTION

The Global Business Management (GBM) program has been specially designed to develop professionals who need a global view on the current world environment through a business perspective. In addition, required courses are directed specifically toward developing the personal skills that are essential to be successful in today's dynamic, uncertain, and complex business environment. There are currently two tracks in the GBM Option: Marketing and Entrepreneurship.

GBM students must complete a Foreign Academic Experience. The Foreign Academic Experience is completed through either an individual international business internship (GBM 495) or through a foreign study experience at the university-level of at least one semester in duration. Students considered by the California State University to be "international (foreign) students" (see page 26 of 2014-16 Catalog) satisfy the Foreign Academic Experience through the CSUSM residence requirement (see page 106 of 2014-16 Catalog).

GBM students may substitute GBM 495 for the Senior Experience team-oriented project (BUS 495) required in other Business Administration options. All GBM students must complete either BUS 495 or GBM 495.

Global Business Management Option – Marketing Track (51 units)

The Marketing track is primarily for those who want to become involved in global sales and marketing. This can include account management, global marketing campaign and strategy development and delivery, and related areas such as advertising. In all but very small firms, a career in global marketing and sales normally requires several years experience at a domestic site and a good familiarity with the firm's products and services. As a result, the specialized courses for this track are focused primarily on fundamental marketing principles and knowledge that are important for domestic and global operations.

Foundations of Business Courses (14 units)

| | Units |
|-----------|--------------|
| BUS 302 | 2 |
| BUS 322 | 2 |
| FIN 302* | 2 |
| MGMT 302* | 2 |
| MIS 302* | 2 |
| MKTG 302* | 2 |
| OM 302* | 2 |

**Equivalent 4-unit courses can be substituted for these 2-unit courses, however, the excess units cannot count toward GBM: Marketing Track Electives.*

GBM: Marketing Track Core Courses (16 units)

| | |
|----------|---|
| GBM 425 | 4 |
| GBM 426 | 2 |
| GBM 427 | 2 |
| MGMT 461 | 4 |
| MKTG 448 | 4 |

GBM: Marketing Track Electives (14 units)

| | |
|--------------|-----|
| GBM 351 | 1 |
| GBM 430 | 2 |
| MGMT 474 | 4 |
| MKTG 315 | 2 |
| MKTG 433 | 4 |
| MKTG 442 | 4 |
| MKTG 481-484 | 1-4 |
| MKTG 498 | 1-4 |

Capstone (7 units)

| | |
|---------|---|
| BUS 444 | 4 |
| BUS 495 | 3 |
| Or | |
| GBM 495 | 3 |

A Foreign Language Proficiency Exam

Students will be required to demonstrate proficiency at the advanced level in at least one foreign language. For details, see www.csusm.edu/gbm.

Global Business Management Option – Entrepreneurship Track
(51 units)

The Entrepreneurship track is specifically designed to help students incubate a business idea, learn the different components essential to starting and managing a start-up business, and evaluate closely the viability of their idea. The program is designed to help students develop

their ideas into a well-conceived business plan that can lead to a start-up business. In order to accomplish these objectives, students will move through a sequence of courses that build upon one another. Students begin by learning about the challenges of entrepreneurship, and by completing a first-level analysis of the viability of their business idea. Students then take courses in new venture marketing, management, and financing to increase their understanding and skills to further develop their business idea and determine its potential. Students will also benefit significantly from the experiences of entrepreneurs in the community, and learn from their successes and failures. The track concludes with the development of a business plan in the capstone course.

Foundation of Business Courses (14 units)

| | Units |
|-----------|--------------|
| BUS 302 | 2 |
| BUS 322 | 2 |
| FIN 302* | 2 |
| MGMT 302* | 2 |
| MIS 302* | 2 |
| MKTG 302* | 2 |
| OM 302* | 2 |

**Equivalent 4-unit courses can be substituted for these 2-unit courses, however, the excess units cannot count toward GBM: Marketing Track Electives.*

GBM: Entrepreneurship Track Core Courses (16 units)

| | |
|----------|---|
| GBM 425 | 4 |
| GBM 426 | 2 |
| GBM 427 | 2 |
| MGMT 461 | 4 |
| MKTG 448 | 4 |

GBM: Entrepreneurship Track Required Courses (14 units)

| | |
|----------|---|
| ENTR 320 | 4 |
| ENTR 420 | 2 |
| ENTR 421 | 2 |
| ENTR 422 | 2 |
| ENTR 423 | 2 |
| ENTR 430 | 2 |

Capstone (7 units)

| | |
|---------|---|
| BUS 444 | 4 |
| GBM 495 | 3 |
| Or | |
| BUS 495 | 3 |

Foreign Language Proficiency Exam

Students will be required to demonstrate proficiency at the advanced level in at least one foreign language. For details, see www.csusm.edu/gbm

GLOBAL SUPPLY CHAIN MANAGEMENT OPTION

The business model for leading companies has significantly changed over the last ten years to focus on creating a seamless supply chain that will use company assets more efficiently, take cost out of the supply chain, and create value for the consumers. The Global Supply Chain Management Option emphasizes the understanding of the complexity of the global supply chain and the competence to satisfy consumer demand in the global marketplace by getting the right product to the right consumer at the right time at the right price in a cost effective manner. The option provides students with knowledge of cross disciplinary models and theories, as well as the ability to apply those concepts in today's constantly changing marketplace.

Foundations of Business Courses (16 units)

| | Units |
|----------|--------------|
| BUS 302 | 2 |
| BUS 324 | 4 |
| FIN 302 | 2 |
| MGMT 302 | 2 |
| MIS 304 | 4 |
| MKTG 302 | 2 |

GSCM Core Courses (14 units)

| | |
|----------|---|
| GBM 427 | 2 |
| MKTG 450 | 4 |
| OM 305 | 4 |
| OM 428 | 4 |

GSCM Electives (16 units)

| | |
|----------------------|-----|
| ACCT 423 | 2 |
| GBM 430 | 2 |
| MKTG 448 or MGMT 461 | 4 |
| MKTG 451 | 4 |
| OM 406 | 4 |
| OM 435 | 2 |
| OM 440 | 4 |
| OM 441 | 4 |
| OM 442 | 2 |
| OM 481-484 | 1-4 |
| OM 498 | 1-4 |

| | |
|--------------------|---|
| Capstone (5 units) | |
| BUS 442 | 2 |
| BUS 495 | 3 |

MANAGEMENT OPTION
(51 Units)

The Management Option courses concentrate primarily on relationships among members of organizations as well as organization decision-making behavior and cultures. The courses draw on many facets of the social and behavioral sciences to guide students in their intellectual development. A common theme is the use of people skills. There are currently two tracks in the Management Option:

- Management and Organizations Track
- Entrepreneurship Track

Management Option – Management and Organizations Track
(51 units)

The Management and Organizations track is designed to help students become effective leaders and managers in any organizational context. Courses in the track relate specifically to developing leadership and management competencies, understanding essential human resources practices, as well as building effective teams and organizational cultures. Required and elective courses also expose students to business and cross-cultural issues that are common in the global business environment. Most courses focus on both theory and application of management and organizational principles. The courses draw on many facets of the social and behavioral sciences to guide students in their intellectual development. Common themes are the use of people skills, the ability to analyze complex situations, and make effective decisions to achieve success in today’s competitive environment.

Foundation of Business Courses (10 units)

| | Units |
|---------|--------------|
| BUS 302 | 2 |
| BUS 322 | 2 |
| FIN 302 | 2 |
| MIS 302 | 2 |
| OM 302 | 2 |

Management Core Courses (20 units)

| | |
|----------|---|
| MGMT 305 | 4 |
| MGMT 415 | 4 |

| | |
|----------|---|
| MGMT 452 | 4 |
| MGMT 461 | 4 |
| MKTG 305 | 4 |

Management and Organizations Track Electives (14 units)

A minimum of 10 units must be selected from the list of electives below. The remaining 4 units can be taken from courses in ACCT, ENTR, FIN, GBM, OM, MIS, MGMT, or MKTG. A maximum of 4 units may be taken outside the College of Business with prior approval from CoBA.

| | |
|--------------|-----|
| ENTR 320 | 4 |
| ENTR 421 | 2 |
| GBM 425 | 4 |
| GBM 427 | 2 |
| MGMT 420 | 4 |
| MGMT 422 | 2 |
| MGMT 425 | 2 |
| MGMT 428 | 4 |
| MGMT 432 | 2 |
| MGMT 445 | 2 |
| MGMT 465 | 4 |
| MGMT 470 | 2 |
| MGMT 474 | 4 |
| MGMT 481-484 | 1-4 |
| MGMT 498 | 1-4 |

Capstone (7 units)

| | |
|---------|---|
| BUS 444 | 4 |
| BUS 495 | 3 |

Management Option – Entrepreneurship Track

(51 units)

The Entrepreneurship track is specifically designed to help students incubate a business idea, learn the different components essential to starting and managing a start-up business, and evaluate closely the viability of their idea. The program is designed to help students develop their ideas into a well-conceived business plan that can lead to a start-up business.

In order to accomplish these objectives, students will move through a sequence of courses that build upon one another. Students begin by exploring their personal creativity, turning creative thought into innovative new products and services, developing their idea, understanding the challenges of entrepreneurship, and completing a first-level analysis of the viability of their business idea. Students then take courses in new venture marketing, management, and finance to increase their understanding and functional skills to further

develop their business idea and determine its potential. Students will also benefit significantly from the experiences of entrepreneurs in the community and learn from their successes and failures.

Foundation of Business Courses (10 units)

| | Units |
|---------|--------------|
| BUS 302 | 2 |
| BUS 322 | 2 |
| FIN 302 | 2 |
| MIS 302 | 2 |
| OM 302 | 2 |

Management Core Courses (20 units)

| | |
|----------|---|
| MGMT 305 | 4 |
| MGMT 415 | 4 |
| MGMT 452 | 4 |
| MGMT 461 | 4 |
| MKTG 305 | 4 |

Entrepreneurship Track Electives (14 units)

A minimum of 12 units must be selected from the list of courses below. The remaining 2 units can be taken from courses in ENTR, GBM, or MGMT. A maximum of 4 units may be taken outside the College of Business with prior approval from CoBA.

| | |
|--------------|-----|
| ENTR 320 | 4 |
| ENTR 420 | 2 |
| ENTR 421 | 2 |
| ENTR 422 | 2 |
| ENTR 423 | 2 |
| ENTR 481-484 | 1-4 |

Capstone (7 units)

| | |
|---------|---|
| BUS 444 | 4 |
| BUS 495 | 3 |

MANAGEMENT INFORMATION SYSTEMS OPTION

This option focuses on training business-oriented professionals for developing and managing information systems. Students will learn how to define organizational information requirements and employ technology-enabled solutions to meet the organization goals and objectives. They will also learn how to lead and manage mission-critical projects, especially those related to

Internet applications. The themes of the option include principles of information systems, business systems analysis and design, and database management. The option also addresses subjects such as networking, web and mobile applications, enterprise systems and business intelligence. These topics provide students with knowledge and skills essential for enhancing organizational efficiencies and effectiveness. In addition, they prepare students for careers in business systems analysis, application development, social-networking driven business, entrepreneurship, and process design.

Foundations of Business Courses (12 units)

| | Units |
|-----------|--------------|
| BUS 302 | 2 |
| BUS 324 | 4 |
| FIN 302* | 2 |
| MGMT 302* | 2 |
| MKTG 302* | 2 |

**Equivalent 4-unit courses can be substituted for these 2-unit courses with 2 units applied toward MIS electives. However, only 4 excess units can be counted as MIS electives.*

MIS Core Courses (12 units)

| | |
|---------|---|
| MIS 304 | 4 |
| MIS 411 | 4 |
| OM 305 | 4 |

MIS Elective Courses (22 units)

A minimum of 16 units must be selected from the following approved MIS/OM courses. The remaining 6 units can be taken from electives in ACCT, ENTR, FIN, GBM, GSCM, MKTG, MGMT, or HIT. Students in the MIS option cannot take ACCT 308 for credit. Units outside of MIS may be substituted with prior approval from CoBA.

| | |
|-------------|-----|
| MIS 308 | 4 |
| MIS 320 | 2 |
| MIS 328 | 4 |
| MIS 388 | 4 |
| MIS 408 | 4 |
| MIS 425 | 4 |
| MIS 426 | 4 |
| MIS 427 | 4 |
| MIS 435 | 4 |
| MIS 440 | 4 |
| MIS 480 | 4 |
| MIS 481-484 | 1-4 |
| MIS 498 | 1-4 |
| OM 406 | 4 |

| | |
|-----------------------------|---|
| Capstone (5 units) | |
| BUS 442 | 2 |
| Senior Experience (3 units) | |
| BUS 495 | 3 |

MARKETING OPTION

Marketing has been defined as “an organizational function and a set of processes for creating, communicating, and delivering value to customers and for managing customer relationships in ways that benefit the organization and its stakeholders” (American Marketing Association). Effective marketing is very important for the long-term success of any organization because it focuses the organization on attracting and retaining customers through its combination of product, pricing, distribution, and promotion strategies.

All students in the Marketing Option will take a course that focuses on the foundational principles of marketing, and courses that explore the behavior of consumers, the process through which marketers conduct research to understand consumers, and the special challenges and opportunities marketers face in different cultures. In addition, students will take specialized elective courses that focus on developing appropriate strategies for targeting and serving customers. Through their coursework and other educational experiences, students can prepare for a variety of positions in areas such as marketing communication and advertising, sports marketing, customer relationship management, marketing research, sales, services marketing, and international marketing.

Foundations of Business Courses (10 units)

| | Units |
|----------|--------------|
| BUS 302 | 2 |
| BUS 322 | 2 |
| FIN 302* | 2 |
| MIS 302* | 2 |
| OM 302* | 2 |

** Equivalent 4-unit course can be substituted for this 2-unit course with 2-units applied toward Marketing electives, however, only 4 excess units can be counted toward Marketing electives.*

Marketing Option Core Courses (20 units)

| | |
|----------|---|
| MGMT 305 | 4 |
| MKTG 305 | 4 |
| MKTG 442 | 4 |
| MKTG 445 | 4 |
| MKTG 448 | 4 |

Marketing Option Electives (14 units)

A minimum of 8 units must be selected from the list of electives below. The remaining 6 units may also be selected from the list below or from any 300- and 400-level course in the College of Business. Up to 4 units may be taken outside the College of Business with prior approval from the Marketing Department Chair.

| | |
|--------------|-----|
| MKTG 315 | 2 |
| MKTG 433 | 4 |
| MKTG 340 | 2 |
| MKTG 446 | 2 |
| MKTG 449 | 4 |
| MKTG 450 | 4 |
| MKTG 451 | 4 |
| MKTG 452 | 2 |
| MKTG 454 | 4 |
| ENTR 420 | 2 |
| MKTG 481-484 | 1-4 |
| MKTG 498 | 1-4 |

Capstone (7 units)

| | |
|---------|---|
| BUS 444 | 4 |
| BUS 495 | 3 |

MINOR IN BUSINESS ADMINISTRATION

The Minor in Business Administration is designed to be supportive of a variety of arts, humanities, and science majors. All students interested in the minor should meet with an advisor in the College of Business Administration. To graduate with a Minor in Business Administration, students will be required to complete the requirements in effect at the time of declaration. The CoBA requires that at least 50% of the upper-division minor coursework be earned at Cal State San Marcos. The requirements are as follows:

Lower-Division Pre-Business Core (Please see page 125 for details on the Pre-business Core)

Four 2-Unit Foundation of Business Courses (8 units) selected from:

| | |
|----------|---|
| BUS 302 | 2 |
| FIN 302 | 2 |
| MGMT 302 | 2 |
| MIS 302 | 2 |
| MKTG 302 | 2 |
| OM 302* | 2 |

| | |
|---------------------------------------------------|---|
| An approved 4-unit upper-division Business Course | 4 |
|---------------------------------------------------|---|

Students must meet all prerequisites for the selected 4-unit course.

| | |
|----------------------------|-----------|
| <i>Minimum Total Units</i> | <i>36</i> |
|----------------------------|-----------|

| |
|-------------------------------------------------------|
| <i>* Bus 304 (4) or BUS 204 (3) is a prerequisite</i> |
|-------------------------------------------------------|

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES

School of Education

New Program:

Certificate of Advanced Study in Leadership in Middle Level Education

The School of Education offers a Certificate of Advanced Study in Leadership in Middle Level Education that is associated with its Master of Arts in Education programs.

The goals and objectives of the certificate are to provide practicing educators (teachers, administrators, counselors, etc.) with the knowledge, skills, and dispositions needed for effective school-based leadership at the middle school level. Completion of the program will signify an expertise in the education of young adolescents—typically those in grades six through eight.

The certificate is intended to serve currently credentialed teachers who either teach in middle schools or aspire to do so. It is designed to be appropriate both for CSUSM Middle Level Teacher Education Program graduates and those who have had no formal preparation in middle school instruction. Experienced educators will bring with them diverse classroom experience, which the program will build upon.

Students who earn a B or better in all four Middle Level Education courses will be eligible for the Certificate of Advanced Study in Leadership in Middle Level Education. The only prerequisite to enrolling in the courses associated with the certificate is the possession of a teaching credential.

Required Courses:

| | Units |
|--------------------|--------------|
| EDMI 661 | 3 |
| EDMI 662 | 3 |
| EDMI 663 | 3 |
| EDUC 619 | 3 |
| <i>Total Units</i> | <i>12</i> |

Change to
M.A. in Education

Educational Administration Option* (30 units)

Advanced Credential Certification Option

In addition to the General M.A. admissions requirements, candidates must also have the following:

- Five years of teaching or professional service experience;
- Completion of the CBEST or an equivalent basic skills examination;
- Completion of the CCTC prerequisite mentioned below.

The Option in Education Administration within the Master of Arts in Education prepares site and district administrators for positions of leadership in the elementary and secondary schools of the 21st Century. The option emphasizes the development of administrative expertise through a sound knowledge base, a student-centered pedagogy, the appropriate integration of theory and practice, capacity for research and critical analysis, collaborative practice, evaluation in school administration and management, and the development of professional and ethical models of leadership. Candidates also qualify for the Preliminary Administration Services Credential.

Administrative Services Tier I Credential

CCTC Prerequisite

A clear teaching credential

| <i>Course Requirements</i> | Units |
|-----------------------------------|--------------|
| EDAD 610 | 3 |
| EDAD 612 | 2 |
| EDAD 614 | 3 |
| EDAD 616A | 2 |
| EDAD 616B | 2 |
| EDAD 618 | 4 |
| EDAD 620 | 3 |
| EDAD 624A | 1 |
| EDAD 624B | 1 |
| EDAD 626A | 2 |
| EDAD 626B | 1 |
| <i>Total</i> | 24 |

**Note that changes in the M.A. – Educational Administration/Administrative Services Credential requirements to align the CSU San Marcos curriculum with the CCTC standards are under review at the time the addendum is being published. Once approved, the new requirements will be published in the next catalog addendum and/or the catalog at www.csusm.edu/catalog*

Change to
Preliminary Administrative Services Credential – Tier I*

This option prepares site and district administrators for leadership positions in elementary, middle, and secondary schools. Candidates develop administrative and leadership knowledge, skills, and dispositions through a progression of courses addressing school culture, supervision of instruction, student achievement, assessment, personnel practices, educational law, and finance. Candidates qualify for the Preliminary Administrative Services Credential upon completion of four semesters of programming. Candidate progress is assessed based on the California Administrator Content Expectations (CACE) and the California Administrator Performance Expectations (CAPE). Continuation in the program (two additional courses) leads to the Master or Arts in Education degree. The Administrative Services Credential requires a clear teaching or services credential, a minimum of five years of successful full-time teaching experience, and the passing of a basic skills examination such as CBEST.

| <i>Course Requirements</i> | Units |
|----------------------------|--------------|
| EDAD 610 | 3 |
| EDAD 612 | 2 |
| EDAD 614 | 3 |
| EDAD 616A | 2 |
| EDAD 616B | 2 |
| EDAD 618 | 4 |
| EDAD 620 | 3 |
| EDAD 624A | 1 |
| EDAD 624B | 1 |
| EDAD 626A | 2 |
| EDAD 626B | 1 |
| <i>Program Total</i> | 24 |

Student Learning Outcomes

The student (candidate) learning outcomes for education leaders are defined by the California Commission on Teacher Credentialing in the California Administrator Content Expectations (CACE) and the California Administrator Performance Expectations (CAPE).

Please note: Candidates for the Preliminary Administrative Services Credential must maintain a grade point average of 3.0 and not receive a grade of less than B- in any program course. Students completing the course sequence and meeting these criteria will be recommended to the California Commission on Teacher Credentialing for the Preliminary Administrative Services Credential.

**Note that changes in the M.A. – Educational Administration/Administrative Services Credential requirements to align the CSU San Marcos curriculum with the CCTC standards are under review at the time the addendum is being published. Once approved, the new requirements will be published in the next catalog addendum and/or the catalog at www.csusm.edu/catalog*

New Program:

Applied Behavior Analysis Certificate of Advanced Study Program*:

Board Certified Behavior Analyst (BCBA) Track

Board Certified Assistant Behavior Analyst (BCaBA)Track

Behavior analysts provide services to individuals, families, group homes, schools, mental health agencies, hospitals, industrial and business settings, and other agencies working with individuals who require intensive behavioral training and/or consultation. Special populations such as individuals with Autism Spectrum Disorder and other developmental disabilities have been shown to benefit greatly from Applied Behavior Analysis (ABA) services. Applied Behavior Analysis is also frequently used in the field of education for both neuro-typical students and students with disabilities. Behavior analyst professionals are strongly encouraged by the Behavior Analyst Certification Board (BACB) to pursue Board Certified Behavior Analyst (BCBA) or Board Certified Assistant Behavior Analyst (BCaBA) certification. BCBA and BCaBA certifications are considered the industry standard in this field and are nationally and internationally recognized.

The Applied Behavior Analysis Certificate of Advanced Study program provides coursework required by the BACB for those seeking either the BCBA or the BCaBA**. All courses are approved by the BACB as meeting coursework eligibility requirements for certification under the BACB's 4th Edition Task List core curriculum standards. Each online course is for 11 weeks, with a 2-week break in between courses. Courses must be taken in sequential order.

Candidates for the Board Certified Behavior Analyst (BCBA) Track enroll in a six-course sequence totaling 18 units of study. Admission requirements for this track include possession of a Master's degree (or concurrent enrollment) conferred in behavior analysis or other natural science, education, human services, engineering, medicine or a field related to behavior analysis and approved by the BACB from an accredited institution of higher education.

Applied Behavior Analysis Certificate of Advanced Study: Board Certified Behavior Analyst (BCBA) Track

Course Sequence:

| | Units |
|--------------------|--------------|
| ABA 601 | 3 |
| ABA 602 | 3 |
| ABA 603 | 3 |
| ABA 604 | 3 |
| ABA 605 | 3 |
| ABA 606 | 3 |
| <i>Total Units</i> | <i>18</i> |

Candidates for the Board Certified Assistant Behavior Analyst Track enroll in a four-course sequence, totaling 12 units of study. The admission requirement for this track is a bachelor's degree from an accredited institution of higher education.

Applied Behavior Analysis Certificate of Advanced Study: Board Certified Assistant Behavior Analyst (BCaBA)Track

Course Sequence:

| | Units |
|--------------------|--------------|
| ABA 601 | 3 |
| ABA 602 | 3 |
| ABA 603 | 3 |
| ABA 604 | 3 |
| <i>Total Units</i> | <i>12</i> |

**This program is offered through the Office of Extended Learning.
**NOTE: CSUSM offers only the coursework to prepare candidates to receive BCBA or BCaBA certification. To become certified, candidates must complete additional requirements outlined by the Behavior Analyst Certification Board (BACB).*

Change to
B.S. in Kinesiology

Department Chair:
Jeff Nessler, Ph.D.

Faculty:
Todd Astorino, Ph.D.
Devin Jindrich, Ph.D.
Hyun Gu Kang, Ph.D.
Jeff Nessler, Ph.D.
Sean Newcomer, Ph.D.
Devan Romero, Dr.P.H.
Paul Stuhr, Ph.D.

Programs Offered:

- Bachelor of Science in Kinesiology, Options in:
 - Physical Education
 - Applied Exercise Science
 - Health Science
 - Pre-Physical Therapy

Kinesiology, the study of human movement, integrates the biological, physical, behavioral and social sciences in the study of physical activity and sport, and their effect on fitness and quality of life of people across the lifespan. The Kinesiology program at California State University San Marcos is a comprehensive program of study offered in support of the Surgeon General's "Call to Action to Prevent and Decrease Overweight and Obesity," and the Department of Health and Human Services' "Healthy People 2020" program.

Student Learning Outcomes

Students who graduate with a Bachelor of Science in Kinesiology will:

1. Demonstrate knowledge of fundamental principles of Kinesiology, including anatomy and physiology, teaching movement related skills, physiological response to exercise, and the mechanics and control of movement.
2. Apply Kinesiology related skills to empirical research, internships, field experience, and/or service learning.
3. Evaluate movement science questions through 1) the performance of health, fitness, and movement assessment, 2) the acquisition, analysis, and interpretation of original data, and 3) the procurement, appraisal, and application of information from current research literature.
4. Utilize oral and written communication that meets appropriate professional and scientific standards in Kinesiology.
5. Model professional and personal growth including 1) advocacy for a healthy, active lifestyle, 2) promotion of professional ethics and service to others, 3) shared responsibility and successful collaboration with peers, and 4) pursuit of learning beyond CSUSM.

Career and Educational Opportunities

The Bachelor of Science in Kinesiology is intended to prepare students for careers in areas such as physical education, exercise physiology, rehabilitation, athletic training, corporate wellness, coaching, wellness coaching, and personal training. With an emphasis on rehabilitation and chronic disease, the major is also excellent preparation for those wishing to pursue advanced degrees in physical education, kinesiology, medicine, physical/occupational therapy, nursing, public health, and more.

Special Conditions for the Bachelor of Science in Kinesiology

All courses counted toward major requirements, including Preparation for the Major courses, must be completed with a grade of C (2.0) or better. A minimum of eighteen (18) units of upper-division course work counted toward the Kinesiology degree must be completed at California State University San Marcos.

Kinesiology is an impacted program. This means that everyone desiring a Kinesiology degree will be admitted to the university first as a “Pre-Kinesiology” major. The following supplemental admission criteria will be used to determine acceptance into the Kinesiology degree program:

1. Cumulative GPA from all coursework of AT LEAST 2.50
2. Grade of “C” or better in the following four Pre-Kinesiology Core courses (or equivalent):
 - KINE 202: Introduction to Kinesiology
 - BIOL 104: Principles of Biology: Human Emphasis (with lab)
(Note: an Intro or General Biology w/lab (4 semester units) is generally acceptable)
 - BIOL 177 Anatomy & Physiology I for KINE majors (with lab)
 - BIOL 178 Anatomy & Physiology II for KINE majors (with lab)
(Note: 1 semester of Anatomy w/lab and 1 semester of Physiology w/lab is acceptable for A&P I/II)
3. Applicants meeting the criteria above will be rank-ordered by GPA and grades in the four courses listed above and then selected accordingly.

All students applying to the university desiring a Kinesiology degree are automatically designated as “Pre-Kinesiology” majors. Once admitted to the university, students who have not met the supplemental admission criteria above can enroll in the four classes in the Pre-Kinesiology Core. Students who have met the supplemental admission criteria above should apply to the Kinesiology program immediately.

Instructions and online application are located at: <http://www.csusm.edu/kinesiology>

Option in Physical Education

| | Units |
|----------------------------|--------------|
| Option Requirements | |
| General Education* | 51 |
| Preparation for the Major* | 23 |
| Major Requirements | 51 |

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

**Fifteen (15) units of lower-division General Education units in Area B (Mathematics and Science), D (Social Sciences), and E (Lifelong Learning and Information Literacy) are automatically satisfied by courses taken in the Preparation for the Major and Major Requirements.*

Preparation for the Major

(23 Units)

| | |
|-------------------|---|
| BIOL 104 | 4 |
| BIOL 175* or 177* | 4 |
| BIOL 176 or 178 | 4 |
| CHEM 105* & 105L* | 5 |
| KINE 202 | 3 |

PSYC 100* 3

Major Requirements

(51 Units)

Upper-Division Core Courses (24)

| | |
|-----------|---|
| KINE 301 | 4 |
| KINE 303 | 3 |
| KINE 304 | 3 |
| KINE 305 | 4 |
| KINE 306* | 3 |
| KINE 326 | 4 |
| KINE 336 | 3 |

Upper-Division Pedagogy Courses (18)

| | |
|----------|---|
| KINE 307 | 3 |
| KINE 308 | 3 |
| KINE 309 | 3 |
| KINE 400 | 3 |
| KINE 401 | 3 |
| KINE 402 | 3 |

Upper-Division Education Requirements (9)

| | |
|----------|---|
| EDUC 350 | 3 |
| EDUC 364 | 3 |
| EDUC 422 | 3 |

Option in Applied Exercise Science

Units

| | |
|----------------------------|-------|
| Option Requirements | |
| General Education* | 51 |
| Preparation for the Major* | 29 |
| Major Requirements | 43-44 |

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

**Nineteen (19) units of lower-division General Education units in Area B (Mathematics and Science), D (Social Sciences), and E (Lifelong Learning and Information Literacy) are automatically satisfied by courses taken in the Preparation for the Major and Major Requirements.*

Preparation for the Major
(29 Units)

| | |
|-------------------|---|
| BIOL 104 | 4 |
| BIOL 175* or 177* | 4 |
| BIOL 176 or 178 | 4 |
| CHEM 105* & 105L* | 5 |
| KINE 200 | 1 |
| KINE 201 | 1 |
| KINE 202 | 3 |
| MATH 125* | 4 |
| PSYC 100* | 3 |

Major Requirements
(43-44 Units)

Upper-Division Core Requirements (40)

| | |
|-----------|---|
| KINE 301 | 4 |
| KINE 302 | 3 |
| KINE 303 | 3 |
| KINE 304 | 3 |
| KINE 305 | 4 |
| KINE 306* | 3 |
| KINE 326 | 4 |
| KINE 336 | 3 |
| KINE 406 | 3 |
| KINE 425 | 4 |
| KINE 426 | 3 |
| KINE 495 | 3 |

Upper-Division Major Electives (3-4 units)*

Choose any additional 300 or 400 level KINE course or one of the following:

| | |
|-----------|---|
| HIST 300D | 3 |
| PHYS 205 | 4 |
| PSYC 330 | 3 |
| PSYC 336 | 3 |
| PSYC 356 | 3 |
| SOC 314 | 4 |

Option in Health Science

| | Units |
|----------------------------|--------------|
| Option Requirements | |
| General Education* | 51 |
| Preparation for the Major* | 28 |
| Major Requirements | 41-42 |

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

**Fifteen (15) units of lower-division General Education units in Area B (Mathematics and Science), D (Social Sciences), and E (Lifelong Learning and Information Literacy) are automatically satisfied by courses taken in the Preparation for the Major and Major Requirements.*

Preparation for the Major

(28 Units)

| | |
|----------------------|---|
| BIOL 104 or BIOL 160 | 4 |
| BIOL 175* or 177* | 4 |
| BIOL 176 or 178 | 4 |
| CHEM 105* & 105L* | 5 |
| KINE 200 | 1 |
| KINE 201 | 1 |
| KINE 202 | 3 |
| KINE 204 | 3 |
| PSYC 100* | 3 |

Major Requirements

(41-42 Units)

Upper-Division Core Courses (35-36 Units)

| | |
|-------------------|-----|
| KINE 301 | 4 |
| KINE 303 | 3 |
| KINE 306* | 3 |
| KINE 316 | 3 |
| KINE 326 | 4 |
| KINE 336 | 3 |
| KINE 404 | 3 |
| KINE 405 | 3 |
| KINE 407 | 3 |
| SOC 314 or HD 350 | 3-4 |
| KINE 495 | 3 |

Upper-Division Major Electives (6 Units)

Choose any two additional 300 or 400 level KINE courses or any of the following:

| | |
|----------|---|
| PHIL 345 | 3 |
| PSYC 361 | 3 |
| PSYC 428 | 3 |
| PSYC 432 | 3 |

Option in Pre-Physical Therapy

| | Units |
|----------------------------|--------------|
| Option Requirements | |
| General Education* | 51 |
| Preparation for the Major* | 42 |
| Major Requirements | 34-36 |

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

**Sixteen (16) units of lower-division General Education units in Area B (Mathematics and Science) and D (Social Sciences) are automatically satisfied by courses taken in the Preparation for the Major Requirements.*

Preparation for the Major

(42 Units)

| | |
|-------------------|---|
| BIOL 104 | 4 |
| BIOL 175* or 177* | 4 |
| BIOL 176 or 178 | 4 |
| CHEM 105* & 105L* | 5 |
| CHEM 150 | 5 |
| KINE 200 | 1 |
| KINE 201 | 1 |
| KINE 202 | 3 |
| MATH 125* | 4 |
| PHYS 101 or 205 | 4 |
| PHYS 102 or 206 | 4 |
| PSYC 100* | 3 |

Major Requirements

(34-36 Units)

Upper-Division Core Requirements (28)

| | |
|----------|---|
| KINE 301 | 4 |
| KINE 302 | 3 |
| KINE 303 | 3 |
| KINE 305 | 4 |

| | |
|----------|---|
| KINE 326 | 4 |
| KINE 425 | 4 |
| KINE 426 | 3 |
| KINE 495 | 3 |

Upper-Division Major Electives (6-8 units)*

Choose any additional 300 or 400 level KINE course or one of the following:

| | |
|----------|---|
| BIOL 367 | 4 |
| BIOL 376 | 3 |
| PSYC 330 | 3 |
| PSYC 336 | 3 |
| SOC 314 | 4 |
| SOC 316 | 4 |

SCHOOL OF NURSING

The School of Nursing is located in the Palomar Health Education Center PHEC located adjacent to the main campus at the corner of Craven and Twin Oaks Valley Road. The School of Nursing is in Suite 201 of the San Marcos Ambulatory Care Center (SMACC).

Program Director:

Denise Boren, Ph.D., RN

(760) 750-7553

dboren@csusm.edu

Faculty:

Denise Boren Ph.D., RN

(760) 750-7553

dboren@csusm.edu

Pamela Kohlbray Ph.D., RN

(760) 750-7568

pkohlbray@csusm.edu

Nancy C. Romig DNSc., RN

(760) 750-7555

nromig@csusm.edu

Amy Carney, Ph.D., NP, FAAFC

(760) 750-7552

acarney@csusm.edu

Nursing Skills and Simulation Coordinator:

Deborah Bennett M.S., RN

(760) 750-7551

debennet@csusm.edu

Academic Advising for Nursing:

Gwen Hansen, Advisor/Outreach Coordinator

(760) 750-7353

ghansen@csusm.edu

Nancy Kingsley, Academic Advisor

(760) 750-7545

kingsley@csusm.edu

Programs Offered:

BS in Nursing

-Traditional Option

- Accelerated Baccalaureate Option

- RN-to-BSN Option*

MS in Nursing**

The purpose of the nursing profession is to help patients/clients achieve health goals. Nurses provide health care for individuals, families and communities by performing supportive, preventive, therapeutic, and restorative interventions. Nurses are employed in institutional and community-based health care settings. They can provide health-related interventions through independent action or as a collaborating member of a health care team.

The nursing curriculum at CSUSM is built on a self-care model. This model assumes that persons are usually capable of providing their own needs related to health. Sometimes persons cannot take care of themselves because of injury, disease, or insufficient health-related knowledge. Nursing care helps such people recover their self-care abilities through health promotion, health maintenance and health restoration.

The Nursing program at CSUSM places strong emphasis on delivering skillful, culturally sensitive nursing care. Each student will be proficient in a language-other-than-English and be aware of culturally driven health care practices. Students will be able to provide nursing care to diverse individuals and communities. Students take advantage of clinical experiences in a variety of acute care and community settings, and are able to provide nursing case management interventions for a variety of vulnerable populations.

The Nursing Program at Cal State San Marcos prepares students for multiple career tracks within the profession. Students who complete the undergraduate program will have knowledge and

skills for general nursing practice, will be well prepared for entry into graduate level nursing programs, and will be qualified to assume leadership roles in health care organizations, clinics, and community agencies.

The baccalaureate degree program is designed for three groups of students with different options. Students who have had no previous nursing education follow the traditional BSN option. Students who have completed an undergraduate degree in another discipline but who wish a second degree in Nursing complete the accelerated BSN (ABSN) option. Students who have completed an associate degree program in nursing (ADN) at a community college and seek completion of their baccalaureate degree follow the RN-to-BSN option. The traditional program is a full-time program designed to be completed in four years (including the three intervening summers). The RN-to-BSN program is a part-time program designed for the working RN.

**The RN-to-B.S.N Option is offered fully on-line.*
***The M.S. in Nursing is offered through Extended Learning.*

Program Approval

The pre-licensure components of the CSUSM nursing program (traditional and accelerated BSN) have been approved by the California Board of Registered Nursing (BRN).

Program Accreditation

All undergraduate nursing programs (traditional, accelerated BSN and RN-to-BSN) have been accredited by the Commission on Collegiate Nursing Education (CCNE).

Impacted Status

The Nursing major is an impacted program and more qualified applicants apply than can be accepted into the major. All students desiring to enter the traditional BSN program must submit a supplemental application to the School of Nursing between October 1 and November 30 for the subsequent academic year beginning each fall semester. In order to meet admission eligibility, students must complete and document all supplemental criteria by the end of the spring semester prior to the fall semester in which they are seeking admission. Students will then be rank ordered according to a 7-item point system and selected for admission to the major based on the following supplemental criteria:

- GPA in pre-nursing core requisites (25 points)
- Overall cumulative GPA (5 points)
- Composite Score on the TEAS standardized exam (12 points)
- Proficiency in a second language (10 points)
- Applicable work and volunteer experience (5 points)
- Residency, based on college attended for the last 60 units (8 points)
- Completed 4 core science requirements in consecutive 12-month period (3 points)

Student Learning Outcomes:

Students who graduate with a Bachelor of Science in Nursing will be able to:

1. Apply the nursing process through critical thinking and professional nursing judgment to provide and evaluate nursing care in acute and long term care, and community settings.
2. Utilize the research process, its application to the discipline of nursing and its essential relationship to evidence-based nursing practice.
3. Function within the specific professional nursing roles to provide care, coordinate care, deliver health education, and advocate for individuals, families, groups, and communities.

Preparation

High school students are encouraged to take Algebra or college preparatory math, Spanish, Chemistry and Biology. A familiarity with computers is also encouraged.

Accelerated Bachelor of Science in Nursing Students (ABSN)

Admission requirements for the ABSN program are:

- Completion of a baccalaureate degree in a discipline other than nursing
- GPA of 3.0 in the last 60 semester units of completed courses
- Completion of courses listed in the catalog as preparation for the major (44 units) including pre-nursing core (29 units) and other supporting course work (15 units) required of other BSN students

The ABSN option is offered through Extended Learning and students are admitted to the self-support special sessions. Students will pay extended education fees for this option.

Transfer Students

For the returning RN student, it is anticipated that many of the required general education courses may have been completed at a community college. These students will be required to meet the same mandatory standards either by transferable course work, certification of general education requirements by previous academic institutions, or by completion of general education requirements at CSUSM. These courses will be included in the maximum transfer credit of 70 lower-division units from a community college. Imbedded in these 70 units are 35 units, which will be articulated for lower-division nursing courses from a Board of Registered Nursing (BRN) approved, and regionally accredited, community college nursing program. Some prerequisite and required preparatory courses for the nursing major are also imbedded in the 51 units of required general education courses.

Special Requirements for the Bachelor of Science in Nursing

Completion of all courses in the Pre-Nursing Core (or the equivalent and with no grade lower than a C (2.0) is a prerequisite for all NURS courses.

Students in the nursing program must carry their own health insurance, pass a physical health examination, and be in compliance with immunizations consistent with the requirements of the School of Nursing and the health care agencies they are placed in for clinical experiences.

Students are required to complete a background check including statewide, county, and federal screening before placement in a healthcare agency for clinical assignments. Background checks are also required for persons seeking a nursing license in the State of California. Students who have reason to believe that a background check would reveal a prior misdemeanor or felony conviction should seek to have these matters expunged from their record if possible and/or seek another career path.

Students will be expected to perform or with reasonable accommodations, demonstrate proficiency in specific core performance standards in the following five categories:

- a. Critical thinking ability sufficient for clinical judgment.
- b. Interpersonal abilities sufficient to interact with individuals, families, and groups.
- c. Communication abilities sufficient for verbal and written interaction.
- d. Physical ability to move from place to place, demonstrated manual dexterity, and eye-hand coordination.
- e. Demonstrated auditory, visual, tactile, and olfactory ability sufficient to assess and monitor patients safely.

The academic advisor for the School of Nursing, working with the Office of Disabled Student Services, will assist students to determine what accommodations will be needed to enable students to meet these standards.

In order to remain in the Nursing program:

- 1) Students in the nursing major must attain grades of C (2.0) or better in all required nursing and preparatory to the major courses. Nursing courses and Pre-Nursing Core courses for which the student earns less than a grade of C (2.0) may be repeated once with consent of instructor, but only on a space available-basis.
- 2) Students in the nursing major must maintain good academic standing. Students on academic probation are not permitted to enroll in a nursing course until the probation has been removed.

3) The same core performance standards required for admission to the nursing major will be required for continuation.

Change to

B.S. Nursing – Traditional BSN Option (Formerly Generic Program Option)

| | Units |
|----------------------------|--------------|
| General Education* | 51 |
| Preparation for the Major* | 44 |
| Major Requirements | 61 |

The minimum number of units required for this degree is 120

Preparation for the Major (44 Units)

Pre-Nursing Core (29 units)

| | |
|------------|---|
| BIOL 160 | 4 |
| BIOL 175* | 4 |
| BIOL 176 | 4 |
| CHEM 105* | 4 |
| CHEM 105L* | 1 |
| GEO 102* | 3 |
| GEW 101* | 3 |
| MATH 200* | 3 |

Lower-Division General Education

| | |
|--------------------------------|---|
| Critical Thinking (A3) course* | 3 |
|--------------------------------|---|

Other Supporting Coursework (15 Units)

| | |
|------------|---|
| ANTH 200* | 3 |
| ANTH 301^* | 3 |
| BIOL 323^* | 3 |
| PHIL 345^* | 3 |
| PSYC 100* | 3 |

**Up to 36 units of courses taken as Preparation for the Major may also be counted toward General Education requirements.*

^Clears an UDGE requirement if students have earned at least 60 units of baccalaureate-level coursework at time of completion.

Major Requirements (61 Units)

Lower-Division Nursing Requirements (35 Units)

| | Units |
|-----------|--------------|
| NURS 200 | 4 |
| NURS 201 | 2 |
| NURS 210+ | 2 |
| NURS 211+ | 1 |
| NURS 212A | 2 |
| NURS 212B | 2 |
| NURS 220 | 2 |
| NURS 221 | 3 |
| NURS 222 | 2 |
| NURS 223 | 3 |
| NURS 230 | 2 |
| NURS 231 | 2 |
| NURS 232 | 2 |
| NURS 233 | 2 |
| NURS 260 | 2 |
| NURS 261 | 2 |

Upper-Division Nursing Requirements (26 Units)

| | |
|------------|---|
| NURS 320 | 2 |
| NURS 321 | 2 |
| NURS 352 | 3 |
| NURS 370 | 2 |
| NURS 440 | 3 |
| NURS 442 | 2 |
| NURS 445 | 3 |
| NURS 450 | 3 |
| NURS 451 | 2 |
| NURS 480 | 2 |
| NURS 490 | 1 |
| NURS 491\$ | 1 |

*+Approved as an Area E course for the Traditional Nursing major.
\$May be substituted with NURS 493 (externship).*

Change to

B.S. in Nursing – Accelerated BSN Option

Since students seeking this option are second degree students, many if not all general education units may have already been completed. Students must complete all graduation requirements (p. 105) to receive a second degree. Students must also meet all preparation for the nursing major courses or their equivalent (44 units). The major requirements include 65 nursing units.

| | Units |
|----------------------------|--------------|
| General Education* | 51 |
| Preparation for the Major* | 44 |
| Major Requirements | 65 |

The minimum number of units required for this degree is 120.

Preparation for the Major (44 Units)

Pre-Nursing Core (29 units)

| | |
|------------|---|
| BIOL 160 | 4 |
| BIOL 175* | 4 |
| BIOL 176 | 4 |
| CHEM 105* | 4 |
| CHEM 105L* | 1 |
| GEO 102* | 3 |
| GEW 101* | 3 |
| MATH 200* | 3 |

Lower-Division General Education

| | |
|--------------------------------|---|
| Critical Thinking (A3) course* | 3 |
|--------------------------------|---|

Other Supporting Coursework (15 Units)

| | |
|------------|---|
| ANTH 200@ | 3 |
| ANTH 301^ | 3 |
| BIOL 323#* | 3 |
| PHIL 345^ | 3 |
| PSYC 100* | 3 |

**Up to 36 units taken as Preparation for the Major may also be taken as General Education requirements.*

@Students who have already met the General Education Interdisciplinary Social Sciences (D7) requirement with an introductory sociology course (SOC 101 equivalent) taken from another institution may substitute that course for ANTH 200.

^Clears an UDGE requirement if students have earned at least 60 units of baccalaureate-level course work at time of completion.

#Students who have taken a lower division course may substitute another Upper-Division Education Science and/or Mathematics (BB) course for BIOL 323.

Major Requirements (65 Units)

| | Units |
|----------|--------------|
| NURS 300 | 4 |
| NURS 301 | 3 |
| NURS 314 | 4 |

| | |
|------------|---|
| NURS 315 | 2 |
| NURS 316A | 2 |
| NURS 316B | 2 |
| NURS 322 | 4 |
| NURS 323 | 4 |
| NURS 324 | 4 |
| NURS 325 | 4 |
| NURS 330 | 2 |
| NURS 331 | 2 |
| NURS 332 | 2 |
| NURS 333 | 2 |
| NURS 352 | 3 |
| NURS 360 | 2 |
| NURS 361 | 2 |
| NURS 440 | 3 |
| NURS 442 | 2 |
| NURS 445 | 3 |
| NURS 450 | 3 |
| NURS 451 | 2 |
| NURS 480 | 2 |
| NURS 490 | 1 |
| NURS 491\$ | 1 |

| |
|---------------------------------------------------------|
| <i>\$May be substituted with NURS 493 (externship).</i> |
|---------------------------------------------------------|

Change to
B.S. in Nursing – RN-to-BSN Option

| | Units |
|----------------------------|--------------|
| General Education* | 51 |
| Preparation for the Major* | 44 |
| Major Requirements | 64 |

The minimum number of units required for this degree is 120.

The minimum number of units required for the RN-to-BSN option 120 semester units. A maximum of 70 units can be transferred from the previous nursing program and includes general education, preparation for major courses, and 35 units of lower-division nursing. The number of units needed to be completed may vary depending on units previously completed in a community college. RN- to-BSN students must complete 9 units of upper-division electives and complete the second language requirement. Irrespective of the number of courses previously attempted, RN-to-BSN students will need to complete the following courses or their equivalent(s):

Preparation for the Major (44 Units)

Pre-nursing Core (29 Units)

| | |
|------------|---|
| BIOL 160 | 4 |
| BIOL 175* | 4 |
| BIOL 176 | 4 |
| CHEM 105* | 4 |
| CHEM 105L* | 1 |
| GEO 102* | 3 |
| GEW 101* | 3 |
| MATH 200* | 3 |

Lower-Division General Education

| | |
|--------------------------------|---|
| Critical Thinking (A3) course* | 3 |
|--------------------------------|---|

Other Supporting Coursework (15 Units)

| | |
|----------------------------------------------------|---|
| ANTH 200* | 3 |
| ANTH 301*^ | 3 |
| PHIL 345*^ | 3 |
| PSYC 100*& | 3 |
| BB Upper-Division Science and Mathematics course*^ | 3 |

**Up to 36 units of courses taken as Preparation for the Major may also be counted toward General Education requirements. Most RN transfer students have required growth and development and nutrition content integrated into their previous nursing program. For those who wish additional nutrition content, BIOL 343 is recommended. BIOL 316 is recommended for a BB course.*

@ Students who have already met the General Education Interdisciplinary Social Sciences (D7) requirement with an introductory sociology course (SOC 101 equivalent) taken at another institution may substitute that course for ANTH 200.

^Clears an UDGE requirement if students have earned at least 60 units of baccalaureate-level course work at time of completion.

& Students who have already met the General Education Discipline-Specific or Second Interdisciplinary Social Sciences Course (D) requirement with a course taken at another institution may substitute that course for PSYC 100.

Students who have met the General Education Lifelong Learning (E) requirement at another institution may substitute a course from the RN-to-BSN Recommended Upper-Division Elective list.

Major requirements (64 Units)

Lower-Division nursing Requirements** (34 Units)

| | |
|----------|---|
| NURS 200 | 4 |
| NURS 201 | 2 |

| | |
|---------------------------------------|---|
| NURS 220 | 2 |
| NURS 221 | 3 |
| NURS 222 | 2 |
| NURS 223 | 3 |
| NURS 230 | 2 |
| NURS 231 | 2 |
| NURS 232 | 2 |
| NURS 233 | 2 |
| NURS 260 | 2 |
| NURS 261 | 2 |
| Lower-Division equivalent of NURS 320 | 3 |
| Lower-Division equivalent of NURS 321 | 3 |

Upper-Division nursing Requirements ***(30 Units)

| | |
|----------|---|
| NURS 310 | 2 |
| NURS 311 | 1 |
| NURS 312 | 4 |
| NURS 350 | 2 |
| NURS 351 | 1 |
| NURS 352 | 3 |
| NURS 370 | 2 |
| NURS 440 | 3 |
| NURS 442 | 2 |
| NURS 445 | 3 |
| NURS 450 | 3 |
| NURS 451 | 2 |
| NURS 480 | 2 |

***The lower-division nursing course requirement is met by the nursing course work required for a RN licensure program completed at a BRN-approved nursing program.*

****To meet the unit requirements for a BSN, academic credit may be awarded using the NCLEX examination to demonstrate prior learning of the pre-licensure art and science of nursing required by the BRN.*

RN-to-BSN students who are directed above to substitute a General Education requirement already met at their preceding institution should select courses from the following list of recommended upper-division electives:

- ANTH 370
- ANTH 440
- BIOL 343
- COMM 330
- COMM 380
- NURS 452
- NURS 472
- NURS 496
- NURS 499

PSYC 341
PSYC 352
PSYC 356
SOC 303
SOC 309
SOC 307
SOC 314
SOC 316
SOC 324
SOC 427
SOC 429

COLLEGE OF HUMANITIES, ARTS, BEHAVIORAL AND SOCIAL SCIENCES

Change to
B.A. in Child and Adolescent Development

Office: SBSB 3222

Telephone: (760) 750-4102

Program Director: Sharon B. Hamill, Ph.D.

Faculty:

Sara Bufferd, Ph.D.

Nancy G. Caine, Ph.D.

Dustin P. Calvillo, Ph.D.

Kimberly D'Anna-Hernandez , Ph.D.

Maureen J. Fitzpatrick, Ph.D.

Gerardo M. González, Ph.D.

Elisa J. Grant-Vallone, Ph.D.

Sharon B. Hamill, Ph.D.

Heike I. M. Mahler, Ph.D.

Kim Pulvers, Ph.D.

P. Wesley Schultz, Ph.D.

Miriam W. Schustack, Ph.D.

Marie D. Thomas, Ph.D.

Keith A. Trujillo, Ph.D.

Kimberly Vanderbilt, Ph.D.

Program Description

- Bachelor of Arts in Child and Adolescent Development

The Child and Adolescent Development (CHAD) major focuses on the developmental processes that occur from conception through the end of adolescence. Students gain a comprehensive overview of typical and atypical development through exploration of empirically derived milestones across biological, cognitive, and psychosocial developmental domains. Course topics focus on developmental trajectories, theories, developmental research methods, ethics, and contexts of development. Throughout the curriculum, special emphasis is placed on the interaction of the individual and environment in the unfolding of development. Students acquire knowledge through exposure to relevant scientific literature, research projects, observations, and fieldwork. The curriculum provides students with a variety of tools to acquire, communicate, and disseminate information so that they may develop a lifelong pursuit of developmental inquiry. Graduates receive an excellent foundation for subsequent careers working with children and

adolescents in various fields including research, education, health care, public policy and advocacy, the law, and counseling.

Career Opportunities

The Child and Adolescent Development major provides an excellent preparation for careers in developmentally related public organizations, teaching institutions, service agencies, and mental and physical health facilities. Our undergraduate program provides appropriate background for graduate training in developmental psychology, including experimental, applied, and clinical programs. Coursework in CHAD is also relevant to graduate training in counseling, teaching, medicine, law, child advocacy, and public policy relating to children and adolescents.

Special Requirements for the Bachelor of Arts in Child and Adolescent Development

Students may be required to verify a clear background check including statewide, county, and federal screening (social security number, fingerprinting) before placement in the Center for Children and Families (CHAD 496 Observation and Assessment Lab). Background checks are also required for persons seeking to work with minors in a number of other contexts (e.g., schools, health care facilities). Students who have reason to believe that a background check would reveal a prior misdemeanor or felony conviction should seek to have these matters expunged from their record if possible and/or seek another major/career path.

B.A. in Child and Adolescent Development

| | Units |
|-------------------------------------------------------------------------------------------------------------------------|--------------|
| General Education* | 51 |
| Preparation for the Major | 15 |
| Major Requirements | 33 |
| <i>Students must take a sufficient number of elective units to bring the total number of units to a minimum of 120.</i> | |

**Six units of Lower-Division General Education requirements are satisfied through Lower-Division Preparation coursework (PSYC 100 and PSYC 210).*

Preparation for the Major

| Lower-Division (15 units) | Units |
|---------------------------|--------------|
| PSYC 100* | 3 |
| PSYC 210* | 3 |
| PSYC 215 | 3 |
| PSYC 220 | 3 |
| PSYC 230 | 3 |

Major Requirements

Upper-Division (33 units)

| Upper-Division Core | Units |
|---------------------|-------|
| PSYC 331 | 3 |
| PSYC 349 | 3 |
| CHAD 370 | 3 |
| CHAD 491 | 3 |
| Laboratory Courses* | |
| PSYC 395 | 3 |
| CHAD 496 | 3 |

**Both laboratory courses have prerequisite courses. See catalog description for specific prerequisites for each lab course.*

| | Units |
|----------------------------------------------------------------|-------|
| Cluster A: Atypical Child Development | 3 |
| Select one of the following courses: | |
| CHAD 339 | |
| PSYC 328 | |
| Cluster B: Contexts of Child and Adolescent Development | 3 |
| Select one of the following courses: | |
| CHAD 345 | |
| CHAD 347 | |
| PSYC 343 | |
| PSYC 345 | |
| Cluster C: Understanding Others | 3 |
| Select one of the following courses: | |
| PSYC 332 | |
| PSYC 333 | |
| PSYC 341 | |
| PSYC 342 | |
| PSYC 344 | |
| PSYC 351 | |
| PSYC 356 | |
| Cluster D: Intrapersonal Development | 3 |
| Select one of the following courses: | |
| PSYC 334 | |
| PSYC 360 | |

PSYC 362
CHAD 365

**Cluster E: Researching/Working with
Children and Adolescents**

3

Select one of the following courses:

CHAD 450
EDUC/HD 380
PSYC 340
PSYC 354
PSYC 495
PSYC 498
PSYC 499

Change to

B.A. in Criminology and Justice Studies

(Added SOC 475 to the list in *Area 1*, and SOC 349 to the list in *Area 2* of the Area Requirements.)

Area Requirements (15-16 units)

Take at least 11-12 units from the same area (either Area 1 or Area 2); at least eight (8) of these units must be at the 400-level or higher. Take at least three additional units from the other area. The total number of units from both areas must be at least fifteen (15).

Area 1: Crime and Justice

| | |
|---------|---------|
| SOC 308 | SOC 418 |
| SOC 321 | SOC 443 |
| SOC 322 | SOC 444 |
| SOC 323 | SOC 445 |
| SOC 324 | SOC 448 |
| SOC 327 | SOC 449 |
| SOC 406 | SOC 475 |
| SOC 417 | SOC 490 |

Area 2: Communities, Inequalities, and Justice

| | |
|---------|---------|
| SOC 307 | SOC 403 |
| SOC 313 | SOC 413 |
| SOC 314 | SOC 416 |
| SOC 316 | SOC 419 |
| SOC 331 | SOC 424 |
| SOC 339 | SOC 437 |
| SOC 345 | SOC 439 |
| SOC 347 | SOC 463 |

SOC 348 SOC 465
 SOC 349 SOC 489
 SOC 375

Change to
B.A. in Environmental Studies

| | Units |
|-----------------------|--------------|
| General Education | 51 |
| Preparation for Major | 15 |
| Major Requirements | 36 |

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

Preparation for Major
 (15 units)

| | |
|----------------------------------|---|
| BIOL 105* | 3 |
| ENVS 100** | 3 |
| GES 101*** <i>or</i> GES 105**** | 3 |
| ENVS 210 | 3 |
| ES 100 | 3 |

*One of the following courses may be **recommended** for students with relevant research interests:*

| | |
|---------------|---|
| PSYC 220 | 3 |
| SOC 201 | 3 |
| BIOL 215/215L | 4 |
| MATH 242 | 3 |

**BIOL 105 may also be used to meet the “B2 Life Sciences” lower-division General Education Requirement.*

***ENVS 100 may also be used to meet the “D7 Interdisciplinary Social Sciences” lower-division General Education Requirement.*

**** GES 101 may also be used to meet the “B1 Physical Sciences” and “B3 Laboratory” lower-division General Education requirements.*

***** GES 105 may also be used to meet the “B1 Physical Sciences” lower-division General Education Requirements.*

Upper-Division Requirements

(12 units)

| | |
|----------|---|
| ENVS 310 | 3 |
| CHEM 311 | 3 |
| PHIL 340 | 3 |
| ENVS 490 | 3 |

Upper-Division Electives

(24 units)

24 units chosen from courses listed in Arts and Humanities, Social Science, and Natural Sciences with at least six units completed in each area. Courses listed in multiple areas can only be counted as part of the six units in one area.

Approved Course Lists

Arts and Humanities

| | |
|----------|---|
| ANTH 325 | 3 |
| ANTH 430 | 3 |
| ANTH 480 | 3 |
| HIST 340 | 3 |
| LTWR 431 | 3 |
| PHIL 342 | 3 |
| VSAR 313 | 3 |
| VSAR 330 | 3 |
| VSAR 331 | 3 |

Social Sciences

| | |
|----------|---|
| ANTH 370 | 3 |
| ANTH 379 | 3 |
| ANTH 430 | 3 |
| ANTH 470 | 3 |
| ANTH 481 | 3 |
| BRS 453 | 3 |
| ECON 325 | 3 |
| ENVS 320 | 3 |
| GEOG 320 | 3 |
| GEOG 341 | 3 |
| GEOG 352 | 3 |
| GEOG 460 | 3 |
| HIST 340 | 3 |
| LBST 307 | 3 |
| LBST 362 | 3 |

Social Sciences (Continued)

| | |
|----------|---|
| PSCI 396 | 3 |
| PSCI 420 | 3 |
| PSCI 462 | 3 |
| PSYC 338 | 3 |
| SOC 439 | 4 |
| WMST 445 | 4 |

Physical/Life Sciences

| | |
|----------|---|
| BIOL 318 | 3 |
| BIOL 336 | 3 |
| BIOL 338 | 3 |
| BIOL 339 | 3 |
| BIOL 463 | 3 |
| BIOL 388 | 3 |
| CHEM 313 | 3 |
| ES 314 | 3 |
| PHYS 351 | 3 |

Changes to

M.A. in History

[Replaced text that appears in the 2014-16 Catalog, Degree Requirements, page 214, second column, third sentence]

Students who do not complete their thesis project in two semesters of HIST 620 must continue to enroll in this course each semester while they are working on their thesis project. However, the additional units from HIST 620 do not count toward conferral of the degree.

Change to

B.A. in Literature and Writing Studies – Literature Studies Concentration Requirements

[Add LTWR 334D to “Forms, Genres, and Authors” course listing in the 2014-16 Catalog]

[Add LTWR 304 and 345 to “Themes, Periods, Movements, and Interdisciplinary Studies” course listing in the 2014-16 Catalog]

B.A. in Literature and Writing Studies – Writing Studies Concentration Requirements

[Add LTWR 334D to “Forms, Genres, and Authors” course listing in the 2014-16 Catalog]

Change to

B.A. in Sociology – Critical Race Studies Concentration

(Added SOC 349 to the list in the Requirements for Critical Race Studies Concentration section)

Requirements for Critical Race Studies Concentration

Select fifteen to sixteen (15-16) units (including two 400-level courses) from the following courses: 15-16

| | |
|---------|---------|
| SOC 339 | SOC 448 |
| SOC 345 | SOC 463 |
| SOC 347 | SOC 465 |
| SOC 348 | SOC 467 |
| SOC 349 | SOC 468 |
| SOC 373 | SOC 469 |
| SOC 375 | SOC 489 |
| SOC 403 | |

Total Units

15-16

Change to

B.A. in Special Major

[Changed office location and telephone number]

Office: Craven Hall 1300

Telephone: (760) 750-4027

COLLEGE OF SCIENCE AND MATHEMATICS

Change to **B.S. in Biochemistry**

| | Units |
|----------------------------|--------------|
| General Education* | 51 |
| Preparation for the Major* | 47 |
| Major Requirements* | 34 |

The minimum number of units required for this degree is 120

**Nine (9) lower-division General Education units in area B are automatically satisfied by courses taken in Preparation for the Major.*

Preparation for the Major

Non-Biology/Chemistry Supporting Courses (17 units)

| | |
|------------|---|
| MATH 160** | 5 |
| MATH 162** | 4 |
| PHYS 201 | 4 |
| PHYS 202 | 4 |

Lower-Division Biology/Chemistry Courses (30 units)

| | |
|-------------------|---|
| BIOL 210 | 4 |
| BIOL 211** | 4 |
| CHEM 150** & 150L | 5 |
| CHEM 201 & 202 | 6 |
| CHEM 201L & 202L | 4 |
| CHEM 250 | 3 |
| CHEM 275 | 4 |

***Some courses supporting the preparation or electives in the major may satisfy the Mathematics and Science requirements of General Education. The courses fulfilling this double requirement are denoted by **.*

Major Requirements

Upper-Division Biology (4-5 units)

| | |
|----------|---|
| BIOL 351 | 5 |
| BIOL 352 | 4 |
| BIOL 353 | 4 |
| BIOL 357 | 4 |

Upper-Division Chemistry (26 units)

| | |
|-----------|---|
| CHEM 300 | 3 |
| CHEM 351 | 3 |
| CHEM 351L | 2 |
| CHEM 352 | 3 |
| CHEM 401 | 3 |
| CHEM 404 | 3 |
| CHEM 404L | 1 |
| CHEM 416 | 5 |
| CHEM 450 | 3 |

Upper-Division Science Elective (3-4 units)

| | |
|-----------------|-----|
| CHEM 308 | 3 |
| CHEM 398 | 1-2 |
| CHEM 399 | 1-2 |
| CHEM 402 | 3 |
| CHEM 405 | 2 |
| CHEM 455 | 3 |
| CHEM 490 | 3 |
| CHEM 491 | 3 |
| CHEM 492 | 3 |
| CHEM 493 | 3 |
| CHEM 494 | 3 |
| CHEM 498 or 499 | 2 |
| BIOT 355 | 4 |
| BIOT 356 | 4 |
| BIOL 368 | 3 |
| BIOL 370 | 4 |
| BIOL 374 | 3 |
| BIOL 375 | 3 |
| BIOL 476 | 3 |
| BIOT 497 | 4 |

Or another science course with written approval from a Chemistry or Biochemistry faculty member.

Change to
B.S. in Biotechnology

| | Units |
|-----------------------------|--------------|
| General Education* | 51 |
| Preparation for the Major* | 35-36 |
| Requirements for the Major* | 49 |
| <i>Total Required</i> | <i>120</i> |

**Nine (9) lower-division GE units in Area B (Math and Science) are automatically satisfied by combinations of CHEM 150, MATH 160, and BIOL 211 when taken in preparation for the major. Three (3) lower-division GE units in Area D (Social Sciences) are automatically satisfied by either PSYC 100 or SOC 101, which are also required as preparation for the major. Three (3) upper-division GE units in Area BB (Mathematics and Natural Sciences) are satisfied by students taking either CHEM 351 or CHEM 341.*

Preparation for the Major
(35-36 units)

| | |
|-----------------------|-----|
| CHEM 150 & 150L | 5 |
| CHEM 201 | 3 |
| CHEM 201L | 2 |
| CHEM 202 | 3 |
| CHEM 250 | 3 |
| MATH 160 | 5 |
| PHYS 205 | 4 |
| PHYS 206 | 4 |
| PSYC 100 or SOC 101 | 3-4 |
| PHIL 315, 340, or 345 | 3 |

Major Requirements

| | |
|---------------------------|---|
| Lower-Division (18 units) | |
| ACCT 201 | 3 |
| ACCT 202 | 3 |
| BIOL 210 | 4 |
| BIOL 211 | 4 |
| BIOL 215 | 4 |

| | |
|---------------------------|---|
| Upper-Division (20 units) | |
| BIOT 355 | 4 |
| BIOT 356 | 4 |
| BIOT 357 | 2 |
| BIOT 460 | 3 |
| CHEM 341 or CHEM 351 | 3 |
| MGMT 302 | 2 |
| MKTG 302 | 2 |

Electives (At least 11 units)

Select any of the following for at least eleven total units:

| | |
|-----------|----|
| BIOL 352 | 4 |
| BIOL 353 | 4 |
| BIOL 367 | 4 |
| BIOL 477 | 3 |
| BIOL 489 | 2 |
| BIOL 503 | 4 |
| BIOT 358 | 3 |
| BIOT 420 | 3 |
| BIOT 450 | 3 |
| BIOT 497 | 4 |
| BIOT 498 | 12 |
| CHEM 351L | 2 |
| CHEM 352 | 3 |
| FIN 302 | 2 |
| MIS 411 | 4 |
| MIS 425 | 4 |
| MIS 426 | 4 |
| MGMT 415 | 4 |
| MGMT 452 | 4 |
| MGMT 461 | 4 |
| MIS 302 | 2 |
| OM 302 | 2 |

New Program:
Pre-Health Professions Certificate

Office:
FCB 6-108

Telephone:
(760) 750-3138

Faculty Coordinator:
Sajith Jayasinghe, Ph.D.

Pre-Health Advisor:
TBD

Faculty:

Biology
Tracey Brown, Ph.D.

Chemistry
Jose Mendoza, Ph.D.
Sajith Jayasinghe, Ph.D.

Mathematics
Olaf Hansen, Ph.D.

Physics
Ed Price, Ph.D.
Stephen Tsui, Ph.D.

Many undergraduates receive their degree (e.g. Anthropology, Kinesiology, Mathematics, Psychology, or English) and then later decide that they would like to enter a health profession. This two-year certificate program offers an opportunity for post-baccalaureate students to acquire and strengthen necessary scientific background prior to admission to a health professional school (such as medical, dental, veterinary, optometry, physician assistant, or pharmacy). The program is intended to make such post-baccalaureate students more competitive for admission to health professional schools.

The certificate program is reserved exclusively for post-baccalaureate students. The program has a cohort structure, with each cohort consisting of 48 students. Students may begin the certificate program only during the Fall Semester of an academic year.

A Pre-Health Advisor provides information to prospective applicants and advises applicants and students regarding possible paths to health careers. The successful applicant will have a Bachelor's degree with a GPA of at least 3.0 in the last 60 units completed for the degree; see

www.csusm.edu/el/certificateprograms for more admissions requirements. Bundling the prerequisite courses and offering them as a certificate program provides students timely access to the courses they need. Some health professional schools or standardized exams require knowledge of additional topics such as Psychology or Sociology. The Pre-Health Advisor will assist the student in identifying any additional courses that may be needed, which students can then take through Extended Learning or elsewhere on a space-available basis.

Course Requirements for the Pre-Health Professions Certificate:

| Course | Units |
|-----------------|--------------|
| BIOL 160 | 4 |
| BIOL 210 | 4 |
| BIOL 211 | 4 |
| BIOL 321 | 3 |
| CHEM 150 | 4 |
| CHEM 150L | 1 |
| CHEM 250 & 250L | 4 |
| CHEM 201 & 201L | 4 |
| CHEM 202 & 202L | 4 |
| CHEM 341 | 3 |
| MATH 132 | 3 |
| MATH 242 | 3 |
| PHYS 101 | 4 |
| PHYS 102 | 4 |
| <i>Total</i> | <i>51</i> |

Change to
M.S. in Mathematics

[Change to **Admission Requirements and Application** section, page 333 of the 2014-16 Catalog]

Admission to the program requires an undergraduate major in mathematics or related field (such as computer science) which includes the equivalent of the following three key courses with a grade of B or higher: (1) **MATH 374** (Linear Algebra), (2) **MATH 430** (Foundations of Analysis), and (3) **MATH 470** (Introduction to Abstract Algebra).

[Added the following paragraph at the end of the **Continuation** section, page 334 of the 2014-16 Catalog]

Students must satisfy the following breadth requirements by passing (with a C or higher) at least one course in each of the following broad areas: (1) Algebra, Number Theory, and Geometry (courses whose numbers fall in the range 520-529. **MATH 550** is also approved

for this area). (2) Analysis and Topology (courses whose numbers fall in the range 530-539, or the range 552-555). (3) Discrete, Numerical, Probabilistic and Applied Mathematics (courses whose numbers fall in the range 540-549, or 560-579. The courses 505, 620, 621 have variable content, and may be approved for one of these areas by the graduate advisor.

EXTENDED LEARNING

Detailed information pertaining to Extended Learning academic certificate programs can be obtained via the Extended Learning web site or by contacting the Extended Learning office.

Website: www.csusm.edu/el

Email: el@csusm.edu

Academic Credit Certificates

Currently, Extended Learning offers:

- Biotechnology Laboratory Technician
- California Supplementary Authorization in Computer Concepts
- Communicative Sciences and Disorders Preparation
- Dual Language (open university certificate)
- Educational Technology
- Healthcare Information Technology
- International Baccalaureate
- Post-Master's of Science in Nursing
- Pre-health Professions Certificate

CHANGES TO ADMISSION REQUIREMENTS, FEES, AND ACADEMIC POLICIES

Change to

Graduate Probation, Disqualification, and Reinstatement

[Replace the information appearing in the 2014-16 Catalog, page 119]

Probation

A student will be placed on academic probation if, during any academic term, the student fails to maintain a cumulative grade point average (GPA) of at least 3.0 in all units attempted subsequent to admission to the program.

A student may also be placed on administrative-academic probation by the Dean of Graduate Studies for any of the following reasons:

1. Withdrawal from all or a substantial portion of a program of studies in two successive terms or in any three terms. (Note: A student whose withdrawal is directly associated with a chronic or recurring medical condition or its treatment is not to be subject to administrative probation for such withdrawal).
2. Repeated failure to progress toward the stated degree objective or other program objective, including that resulting from assignment of 15 units of No Credit, when such failure appears to be due to circumstances within the control of the student.
3. Failure to comply, after due notice, with an academic requirement or regulation, as defined by campus policy, which is routine for all students or a defined group of students (examples: failure to complete a required examination, failure to complete a required practicum, failure to comply with professional standards appropriate to the field of study, failure to complete a specified number of units as a condition for receiving student financial aid or making satisfactory progress in the academic program).

The student shall be advised of probation status promptly, and shall be provided with the conditions for removal from probation and the circumstances that would lead to disqualification, should probation not be removed. Notification shall occur through one of the following actions, as appropriate:

1. Students whose GPA places them on academic probation shall be informed in writing by the department/program's graduate coordinator or designee prior to the beginning of the next term (with a copy provided to the Dean of Graduate Studies).

2. Students shall be placed on administrative-academic probation by the Dean of Graduate Studies, following consultation with the program/department. The probationary student shall be informed in writing by the graduate dean (with a copy provided to the department/program).

The Dean of Graduate Studies shall inform Registration and Records when students have been placed on or removed from administrative-academic probationary status so that student records can be updated.

When a student is placed on academic or administrative-academic probation, s/he must work with the program coordinator to develop a plan for remediation, including a timeline for completion. In the case of administrative-academic probation, the remediation plan must be approved by the Dean of Graduate Studies, who will send a letter to the student documenting the plan.

Without the approval of the Dean of Graduate Studies, a student cannot be advanced to candidacy if s/he is on either academic or administrative-academic probation*.

**Advancement to candidacy occurs when a master's program has approved a student to proceed toward completing the final requirements for the master's degree, e.g., final coursework, and culminating experience (thesis, project, or comprehensive exam).*

Disqualification

A student who has been placed on administrative-academic probation may be disqualified from further attendance by the Dean of Graduate Studies if:

1. The conditions in the remediation plan (or removal of administrative-academic probation) are not met within the period specified; or
2. The student becomes subject to academic probation while on administrative-academic probation; or
3. The student becomes subject to administrative-academic probation for the same or similar reason for which he/she has been placed on administrative-academic probation previously, although not currently in such status.

When such action is taken the student shall receive written notification including an explanation of the basis for the action.

In addition, the Dean of Graduate Studies, in consultation with the graduate program coordinator, may disqualify a student who at any time during enrollment has demonstrated behavior so contrary to the standards of the profession for which the student is preparing as to render him/her unfit for the profession. In such cases, disqualification will occur immediately upon notice to the

student, which shall include an explanation of the basis for the action, and the campus may require the student to discontinue enrollment as of the date of the notification.

Disqualification may be either from further registration in a particular program or from further enrollment at the campus, as determined by the Dean of Graduate Studies. A student disqualified for academic deficiency may not enroll in any regular session of the campus without permission from the appropriate campus authority, and may be denied admission to other educational programs operated or sponsored by the campus.

In the event that a student fails the thesis/project defense, the student may repeat the thesis/project defense once. Failure at the second thesis/project defense will result in disqualification from a program. The thesis/project committee will specify the time period and/or conditions of the repeated defense.

A student may repeat a comprehensive examination once. Failure of the second comprehensive examination results in disqualification from a program. The comprehensive exam committee will specify the time period and/or conditions of the repeated examination.

Students who are disqualified at the end of an enrollment period should be notified by the Dean of Graduate Studies before the beginning of the next consecutive regular enrollment period. Students disqualified at the beginning of a summer enrollment break should be notified at least one month before the start of the fall term. In cases where a student ordinarily would be disqualified at the end of a term, save for the fact that it is not possible to make timely notification, the student may be advised that the disqualification is to be effective at the end of the next term. Such notification should include any conditions which, if met, would result in permission to continue in enrollment. Failure to notify students does not create the right of a student to continue enrollment.

Reinstatement

If the student is disqualified, either academically or administratively, s/he may petition for reinstatement. Reinstatement must be based upon evidence that the causes of previous low achievement have been removed. Reinstatement will be approved only if the student is able to provide compelling evidence of her/his ability to complete the degree. If the candidate is disqualified a second time, reinstatement will normally not be considered.

Master's students should submit a petition requesting reinstatement to the Dean of Graduate Studies. The petition, along with a recommendation from the student's graduate coordinator, will be forwarded to the reinstatement subcommittee of the Graduate Studies Committee. The subcommittee will make recommendations to the Dean of Graduate Studies, who has final authority to approve reinstatement. The size of the reinstatement subcommittee may vary, depending on the volume of applications, but shall have one member representing each college at a minimum. The subcommittee must evaluate the probable impact of any medical condition on previous unsatisfactory performance. If the student is approved for reinstatement, the Dean of Graduate Studies will send a letter granting reinstatement that

specifies the conditions and time frame for achieving good standing. Students must achieve good standing to advance to candidacy and to be eligible to graduate.

Reinstatement for credential students is handled by a separate process in the School of Education and is not governed by this document.

ADDITIONS, CHANGES, AND CORRECTIONS TO COURSE DESCRIPTIONS

ABA 601 (3)

[New Course]

Foundations and Concepts in Behavior Analysis

Conceptual and empirical factors underlying the science of behavior. Basic concepts in the science of behavior; in selecting, in defining and measuring behavior; and in evaluating and analyzing behavior change.

ABA 602 (3)

[New Course]

Behavior Analysis Processes for Behavior Change

Essential processes involved in changing behavior based on the main concepts of behavior analysis. Includes reinforcement, punishment, antecedent variables, developing new behavior, and decreasing behavior with non-punishment procedures. *Prerequisite: ABA 601.*

ABA 603 (3)

[New Course]

Applied Behavior Analysis Applications for Complex Procedures and Promoting Behavior Change

Covers area of functional analysis, verbal behavior, special applications of applied behavior analysis, promoting generalized behavior change, and ethical considerations for Applied Behavior Analysis. *Prerequisites: ABA 601 and 602.*

ABA 604 (3)

Classroom Management, Instructional Methods, and Ethical Consideration in Behavior Analysis

Applications of behavior analysis in school settings. Covers areas of conducting functional behavior assessment, the main instructional principles documented in evidenced-based instructional methodologies, and ethical considerations. *Prerequisites: ABA 601, 602, and 603.*

ABA 605 (3)

Applied Behavior Analysis in Autism Spectrum Disorder

Applying behavior analysis across the Autism Spectrum. *Prerequisites: ABA 601, 602, 603, and 604.*

ABA 606 (3)

Ethics and Professional Conduct in Behavior Analysis

Covers the ethical and professional guidelines and responsibilities for behavior analysis. Areas of application range from classroom instruction, experimental research, and applying behavioral concepts and procedures to a variety of settings. Including educational institutions, business and

industry, state agencies, clinical settings, and in-home treatment models. *Prerequisites: ABA 601, 602, 603, 604, and 605.*

ACCT 483 (3)

[Reactivated Course]

Selected Topics in Accountancy

A survey course of selected topics in accounting in order to supplement available offerings. Students should check the Class Schedule for listing of actual topics. *May be repeated for credit as topics change. Enrollment restricted to students who have completed all lower-division pre-business core (major status in Business Administration — i.e. attained business status). Prerequisites may vary depending on topic.*

ACCT 484 (4)

[Reactivated Course]

Selected Topics in Accountancy

A survey course of selected topics in accounting (in order to supplement available offerings). Students should check the Class Schedule for listing of actual topics. *May be repeated for credit as topics change. Enrollment restricted to students who have completed all lower-division pre-business core (major status in Business Administration – i.e. attained business status). Prerequisites may vary depending on topic.*

BA 600 (3)

[Change in prefix (Formerly offered as ECON 600) and course description change]

Managerial Economics

Covers applications of microeconomics in business. Subjects include: demand, managerial revenue and elasticity, demand estimation, short-run and long-run cost behaviors, competitive market decision-making with market power, and regulation of business. *May not be taken for credit by students who have received credit for ECON 600. Enrollment restricted to students enrolled in the Master of Business Administration, Fully Employed Program.*

BA 604 (3)

[New Course]

Classroom Management, Instructional Methods, and Ethical Considerations in Behavior Analysis

Applications of behavior analysis in school settings. Covers areas of conducting functional behavior assessments, the main instructional principles documented in evidence-based instructional methodologies, and ethical considerations. *Prerequisites: ABA 601, 602, and 603.*

BA 605 (3)

[New Course]

Behavior Analysis in Autism: Research and Application

Applying behavior analysis across the Autism Spectrum. *Prerequisites: ABA 601, 602, 603, and 604.*

BA 606 (3)

[New Course]

Ethics and Professional Conduct in Behavior Analysis

Covers the ethical and professional guidelines and responsibilities for behavior analysis. Areas of applications range from classroom instruction, experimental research, and applying behavior concepts and procedures to a variety of settings. Including educational institutions, business and industry, state agencies, clinical settings and in-home treatment models. *Prerequisite: ABA 601, 602, 603, 604, and 605.*

BIOL 105 (3)

[Change in prefix (Formerly offered as ENVS 105)]

Introduction to Biology/Ecology**BIOL 463 (3)**

[Added statement to course description: *May not be repeated for credit by students who have received credit for BIOL 363*]

Principles of Conservation Biology**BIOL 489 (2)**

[Correction to unit value and course description change]

Introduction to Laboratory/Field Research

A research project in the laboratory or field, generated in collaboration with a faculty member. *May be repeated, but no more than 4 units of credit may be applied to the major. Enrollment restricted to students who have obtained consent of instructor.*

BIOT 697A (1) 697B (2) 697C (3) 697D (4) 697E (5) 697F (6)

[Change in course description]

Directed Studies

Industrial or academic research directed or sponsored by industry and Professional Science Masters faculty. Enrollment limited to students who have Graduate Standing and who expect to use the facilities and resources of industry or CSUSM. *May be repeated one time. Graded Credit/No Credit. Units may be applied to the required units for the Master's degree. Enrollment restricted to students who have obtained consent of instructor.*

BUS 204 (3)

[New Course]

Business Statistics

Examines how to distill useful business information by collecting, organizing, and processing data to support business decision-making. Covers descriptive statistics (graphical representation and numerical measurements), discrete/continuous probability distributions (e.g. binomial distribution, normal distribution, etc.), and inferential statistics (e.g. confidence interval estimation, hypothesis testing, simple regression, etc.). Students will learn how to use statistical software such as Microsoft Excel to solve real world business problems. *Enrollment restricted to students with at least sophomore standing.*

BUS 322 (2)

[New Course]

Introduction to Data Analytics

Studies the use of statistical data in order to understand and solve business problems. Reviews descriptive statistics tools and inferential statistics topics including hypothesis testing, simple and multiple regression analysis. Additionally, statistical data mining models will be introduced.

Prerequisites: BUS 204 or 304.

BUS 324 (4)

[New Course]

Introduction to Business Analytics

Introduces business analytics concepts and tools that are used in various business functions. Consists of two distinct parts: predictive and prescriptive modeling/analytics. The predictive analytics section covers the use of statistical data in order to understand and solve business problems. Subjects include a review of descriptive statistics tools, hypothesis testing, ANOVA and simple/multiple regression analysis. Statistical data-mining models are also discussed. Prescriptive analytics section covers deterministic optimization models. Statistical software and spreadsheet optimization are introduced. *Prerequisites: BUS 204 or 304.*

BUS 442 (2)

[New Course]

Business Strategy

Introduces the concepts of strategic management and competitive analysis to develop critical management skills. Addresses the basic conceptual models and applications of strategic management, and covers the dynamics of competition in various industrial contexts.

Prerequisite: BUS 302.

BUS 495 (3)

[New Course]

Senior Experience

Applies projects involving working in teams with local organizations on actual business problems. Includes the problem solving process, primary and secondary research, critical thinking, consultation, project management, and strategies for team effectiveness. Each team develops a project, completes their project, prepares a final project report, and presents their findings. *Prerequisites: BUS 302, and BUS 322, or BUS 324 or BUS 304, and FIN 302 or FIN 304, and MIS 302 or MIS 304 or ACCT 301, and OM 302 or OM 305, and MGMT 302 or MGMT 305, and MKTG 302 or MKTG 305.*

CHAD 496 (3)

[Change to prerequisites: *Prerequisites: PSYC 100, 220, 230, 330, and 348 with a grade of C (2.0) or better.*]

Observation and Assessment Laboratory in Child and Adolescent Development

CHEM 250 (3)

[Change in co/prerequisite; added enrollment requirement: *Co/Prerequisite: MATH 125 or MATH 132 with enrollment in the Pre-Health Certificate Program. Enrollment Requirement: CHEM 150 and CHEM 150L with a minimum grade of C (2.0).*]

Quantitative Chemistry**CHEM 405 (2)**

[Change in unit value and course description]

Physical Chemistry Laboratory

Designed to introduce the student to experimental and computational techniques in physical chemistry. The laboratory experiments will cover topics in chemical thermodynamics, molecular spectroscopy, chemical kinetics, and computational chemistry. Emphasizes the application of theoretical principles in the interpretation of the experimental and computational results. *One hour of lecture and three hours of laboratory per week. Co/Prerequisite: CHEM 401.*

COMM 444 (3)

[Course was inadvertently left out of catalog]

Narratives in Organizations

Develops understanding of the role of narratives in contemporary workplaces and cultivates narrative appreciation. Students gain familiarity with concepts from organizational narratology such as action, motivation and morality; sequence and locale; character and identity; interest and memory; complexity and control; point of view and verisimilitude, and aesthetics. Students construct their own narratives describing organizational experience, analyze narratives, improve storytelling ability, and apply their knowledge of narratives to improve communication in organizations. *May not be taken for credit by students who have received credit for COMM 350-1. (CCSC)*

CS 301 (3)

[Course was inadvertently left out of catalog]

Computer Mastery

An introduction to the applications of computers, such as word processing, spreadsheet, database management, networking communications, operating systems, editors, societal issues, and historical perspectives of computer usage; algorithmic and critical thinking and computer programming in:

A. ASP (*recommended to future teachers*)

C. C++

B. PERL for Biological Sciences and Chemistry majors

J. Java

CS 301 (A) May not be taken for credit by students who have received credit for EDUC 422A and EDUC 422C. A grade of C+ or above in CS301(A) can be used to fulfill EDUC 422A and EDUC 422C. May not be repeated. Credit may not be counted toward the Computer Science Major. Enrollment restricted to students who have completed the Entry-Level Mathematics (ELM) requirement.

EDMI 663 (3)

[New Course]

Middle Level Teacher Leadership

Presents a theoretical framework for critical reflection on the characteristics of effective middle level school and leadership. Promotes an understanding of how to implement, and advocate for, effective strategies for meeting young adolescents' intellectual, social, and emotional needs. Introduces and applies action research that impacts practices in schools in light of middle level philosophy and young adolescent development. Addresses deeper leadership skills and strategies as a teacher leader in order to shape middle level students' learning and development. *Enrollment restricted to students who have obtained consent of Program Coordinator.*

EDMX 635 (4)

[Added enrollment requirement and prerequisites: *Enrollment Requirement: Successful completion of Mild/Moderate Education Specialist Coursework and Clinical Practice. Prerequisites: EDMX 572, 575, 622, 627, 632, and 633.*]

Education Specialist - Curriculum and Instruction: Moderate/ Severe Disabilities**EDST 450 (1)**

[New Course]

Undergraduate Mathematics and Science Teaching and Learning, Theory and Practice

Designed for students serving as Learning Assistants (LA), Teaching Assistants (TA), mathematics or science tutors, or Supplemental Instructors (SI) in undergraduate STEM courses. Integrates educational theory, pedagogy, and practice as well as touching on theoretical issues such as conceptual development, conceptual change, collaborative learning, technology in education, and students' conceptions of various topics in mathematics and science. Focuses on practical issues encountered in facilitating learning, managing the classroom, formative and summative assessment, curricula, and differentiating instruction in collaborative environment. *May be repeated for a total of two (2) units. May not be taken by students who received six (6) units of credit for EDUC 494-1. Graded Credit/No Credit. Enrollment restricted to students who have obtained consent of instructor.*

GBM 495 (3)

[New Course]

Global Business Experience

An internship in a for-profit firm, non-government organization (NGO), or government agency, consisting of a minimum of 192 hours. *Enrollment Requirement: An application must be filled out and approved by the GMB Option Director. Enrollment restricted to students who have completed the lower-division pre-business core (major status in Business Administration – i.e. attained business status), Foundations of Business courses. Recommended preparation for students in the Marketing Track of the GBM Option: MKTG 448. Prerequisites: MGMT 461 and GBM 425 with grades of C (2.0) or better.*

GRMN 410 (3)

[Added statement to course description: *May not be taken for credit by students who have received credit for GRMN 390.*]

Topics in German Literature

HIST 102 (3)

[Change in course number (Formerly offered as HIST 202)]

World Civilizations to Present

Surveys the history of the world from the 16th Century to the present. Examines transcultural interactions, colonialism, revolutions, industrialization, the world wars and the origins of the modern world. *May not be taken for credit by students who have received credit for HIST 202.*

KINE 121 (1)

[New Course]

Disc Golf

Beginning level knowledge and motor skills in disc golf. Techniques and strategies of game play with an emphasis on multiple opportunities to respond and maintain health-enhancing level of cardiorespiratory endurance while engaged in disc golf. *May be repeated for a total of four (4) units.*

KINE 122 (1)

[New Course]

Fitness Walking

Knowledge of fitness performance through walking. Walking for fitness indoors and outdoors and/or using readmills. Self-paced class where programs vary depending upon each individual's fitness level. *May be repeated for a total of four (4) units.*

KINE 123 (1)

[New Course]

Hatha Yoga

Beginning level of knowledge and skills in hatha yoga for successful participation in recreational yoga as a lifelong activity. Principles, techniques and safe practices of yoga will be taught throughout the class. Emphasis on physical and mental strength building exercises and postures. *May be repeated for a total of four (4) units.*

KINE 124 (1)

[New Course]

Jogging

Principles of wellness, exercise behavior, and conditioning through jogging. Focuses primarily on cardio respiratory endurance training as it relates to the proper techniques associated with jogging. *May be repeated for a total of four (4) units.*

KINE 125 (1)

[New Course]

Mountain Biking

Introduction to proper Mountain Biking techniques terminology, single tracking regulations, and maintenance necessary for participation in off-road Mountain Biking. *May be repeated for a total of four (4) units.*

KINE 126 (1)

[New Course]

Pilates

Beginning level of knowledge and skills for successful participation in Pilates. Principles, techniques and safe practices of Pilates will be taught throughout the class. Emphasis placed on flexibility and strength exercises. *May be repeated for a total of four (4) units.*

KINE 127 (1)

[New Course]

Self-Defense

Knowledge and skill for personal self-defense. Focuses on improved general physical fitness and skill performance. Principles, techniques and safe practices of self-defense will be taught. *May be repeated for a total of four (4) units.*

KINE 128 (1)

[New Course]

Speedminton

Beginning level knowledge and motor skill in Speedminton. Techniques and strategies of gameplay with an emphasis on multiple opportunities to respond and maintain health-enhancing level of cardiorespiratory endurance while engaged in Speedminton. *May be repeated for a total of four (4) units.*

KINE 129 (1)

[New Course]

Strength Training

Knowledge of fitness performance through core strength training exercises. Strength Training for fitness through use of resistance and weight equipment. Self-paced class where programming depends upon each individual's fitness level. *May be repeated for a total of four (4) units.*

KINE 130 (1)

[New Course]

Surfing

Beginning level of knowledge and skills in surfing for successful participation in recreational surfing as a lifelong activity. Principles, techniques and safe practices of surfing will be taught throughout the class. *May be repeated for a total of four (4) units.*

KINE 131 (1)

[New Course]

Tag Rugby

Acquisition of motor skills including philosophy, techniques/tactics, and safety of Tag Rugby and the role this sport plays as lifetime recreational movement activity. *May be repeated for a total of four (4) units.*

KINE 132 (1)

[New Course]

Tai Chi

Beginning level of knowledge and skills in beginning Tai Chi. Focuses on general physical fitness and skill performance as it relates to Tai Chi. Principles, techniques, safe practices and strategies of Tai Chi will be taught. *May be repeated for a total of four (4) units.*

KINE 133 (1)

[New Course]

Team Handball

Beginning level knowledge and motor skill in Team Handball. Techniques and strategies of gameplay with an emphasis on multiple opportunities to respond and maintain health-enhancing level of cardiorespiratory endurance while engaged in Team Handball. *May be repeated for a total of four (4) units.*

KINE 134 (1)

[New Course]

Ultimate Frisbee

Beginning level knowledge and motor skill in Ultimate Frisbee. Techniques and strategies of gameplay with an emphasis on multiple opportunities to respond and maintain health-enhancing level of cardiorespiratory endurance while engaged in Ultimate Frisbee. *May be repeated for a total of four (4) units.*

KINE 202 (3)

[Change in title]

Introduction to Kinesiology**KINE 301 (4)**

[Change in unit value, course description, and prerequisites]

Motor Control and Learning

Principles of motor control and skill acquisition, with an emphasis on relevance to sport, rehabilitation, physical education, human factors and performance. Specific topics include: properties of moving segmented systems; musculoskeletal physiology; basic control systems theory; organization of the nervous system; capabilities and limitations of neural compensations; interactions between neural and musculoskeletal system; development of motor function; neurophysiological principles of learning; principles of effective learning at the behavioral level; principles of effective learning at the behavior level; principles for maximizing performance. *Prerequisites: BIOL 177, 178, KINE 202, 303, or 403.*

KINE 303 (3)

[Change in unit value (Formerly offered as KINE 403), title, course description, and prerequisites]

Statistics and Research Methods

Principles and techniques of construction, organization, administration, interpretation, and evaluation of health-related research. Includes an introduction to the scientific method, use of human subjects in research, norm- and criterion-referenced reliability and validity, and

quantitative research design. Use of SPSS and Excel to perform statistical tests including descriptive statistics, correlation, regression, and inferential statistics through 2-way ANOVA. Interpretation and presentation of data will also be emphasized. *May not be taken for credit by students who have received credit for KINE 403. Enrollment restricted to students who have completed the lower-division General Education requirement in Mathematics/Quantitative Reasoning (B4). Enrollment restricted to Kinesiology majors.*

KINE 305 (4)

[Change in unit value, course description, and prerequisites]

Movement Anatomy

The role of the muscular, skeletal, and nervous system in the generation of human movement. Focus on muscle origins and insertions, myokinematics, osteokinematics, arthrokinematics, electromyography, and nervous system innervations. Special emphasis will be placed on movement screening, with the goal of identifying incorrect posture and movement patterns, as well as the possible reason for each. Students will be asked to demonstrate their knowledge of these ideas in a final project that describes the muscles involved in a particular movement and a training program to improve performance of that movement. *Prerequisites: KINE 303 or 403.*

KINE 307 (3)

[Change in title]

Techniques and Analysis of Court Sports

KINE 311 (4)

[New Course]

Movement Pedagogy

The critique, design, instruction, implementation, and evaluation of sport pedagogy curriculum and teaching methodologies. Subjects include various types of sport pedagogy curriculum models, evidence-based instructional practices, and the application of such content within various movement settings. *Enrollment restricted to Pre-Kinesiology and Kinesiology majors.*

KINE 326 (4)

[Change in prerequisites: KINE 303 or 403]

Introductory Exercise Physiology

KINE 404 (3)

[Change in prerequisites: KINE 303 or 403]

Introduction to Epidemiology

KINE 405 (3)

[Change in prerequisites: BIOL 177, 178, and PSYC 100]

Health and Drug Education

KINE 407 (3)

[Change in prerequisites: BIOL 177 and 178]

Principles of Health Promotion and Education

KINE 415 (3)

[New Course]

Eating Disorders and Weight Control in Sports

An introduction to the definition, health consequences, prevalence, risk factors, and management and treatment strategies of weight issues leading to clinical and subclinical disorders eating behaviors in sport. Discusses healthy weight management practices for athletes. Reviews current peer-reviewed research on topics related to athlete eating disorders, disordered eating, and the Female Athlete Triad. *May not be taken for credit by students who have received credit for KINE 390-7.*

KINE 425 (4)

[Change in course number (Formerly Offered as KINE 300) and prerequisites]

Biomechanics of Human Movement

Principles of mechanics applied to anatomical structure, function and gross human movement. The mechanics of selected implements and mechanical systems. The analysis of selected motor skills and applications. *May not be taken for credit by students who have received credit for KINE 300. Three hours of lecture and three hours of laboratory. Prerequisites: BIOL 177, 178, KINE 303 or KINE 403, MATH 125 or MATH 160, and PHYS 101 or PHYS 205.*

KINE 495 (3)

[Deleted prerequisites; modified restriction: *Enrollment restricted to students with Senior standing in last year of Program who have applied for graduation and have obtained consent of their faculty advisor.*]

Internship in Kinesiology**LTWR 303 (3)**

[Course was inadvertently left out of the catalog]

Masterworks in Literature

An introduction to masterpieces of the literary tradition, emphasizing historical, cultural, generic, and thematic connections. Interrogates the conditions under which these works are considered “masterpieces,” and examines the social, philosophical, spiritual, and aesthetic values embedded within the works and the cultures that produce them. *The content of each course is reflected by its sub-title. Intended for the non-major, but LTWR majors may petition their advisors to accept this course toward the major on a case-by-case basis. May be repeated as issues/themes change for a total of six (6) units.*

A. U.S. War Literature

C. California Stories

LTWR 304 (3)

[New Course]

The Fairy Tale

Examines the development of fairy tales from oral traditions to assorted print formats and their persistence as a genre for diverse audiences. Covers various literary critical approaches to fairy tales such as feminist theories, disability studies, and cultural studies, among others.

LTWR 334D (3)

[New Course]

Native American Cinema

Examines film traditions that tell stories of Native American characteristics and also feature Native American actors, directors, or producers. Surveys a range of significant cinematic works to showcase the changing role of Native American characters in film and the dynamic role played by Native filmmakers and actors in telling stories of both the mythic American west and more contemporary urban stories from the silent era to the present. Examines how Native artists use cinema as a tool of cultural preservation, social statement, and artistic expression.

MATH 440 (4)

[Change from Enrollment Requirement to *Prerequisite: MATH 240 with a grade of C (2.0) or better*]

Introduction to Mathematical Probability and Statistics**MGMT 474 (4)**

[New Course]

Business Sustainability

Explores the role of business in building a sustainable world. Focuses on what sustainability means to business, how it is measured and reported, as well as how to formulate and implement actionable strategies. *May not be taken for credit by students who have received credit for MGMT 484-4. Prerequisite: BUS 302.*

MILS 101 (3)

[New Course]

Introduction to Leadership I

Structure, organization and mission of the U.S. Army. Development of leadership styles. Preparation and development for officer status.

MILS 102 (3)

[New Course]

Introduction to Leadership II

Officer leadership, development and functions emphasizing command responsibilities for basic foundation of military fundamentals. Skills and techniques required to be an effective leader in today's rapidly changing world.

MILS 201 (3)

[New Course]

Foundations of Leadership I

Scientific approach to leadership theory and its applicability to military settings through study of human behavior and leadership models at individual and group levels using simulations, case studies, and diagnostic instruments.

MILS 202 (3)

[New Course]

Foundations of Leadership II

Leadership at organizational level with applications to military settings with an emphasis on developing leader skills and examination of civil-military relations. Individual leadership development in different training environments utilizing different leadership doctrine, professionalism, standard of ethical conduct, motivation, counseling, team development, and organizational climate. Uses simulations, case studies, and diagnostic instruments.

MKTG 451 (4)

[Change in title and course description]

Customer Lifecycle Marketing

Focuses on the analytical skills used to identify the consumers that are the best market for a specific product, the promotions that can be used to reach these consumers, establishing a relationship with them, and assessing the impact of marketing activities. *Prerequisites: BUS 302, and either MGMT 302 or MGMT 305, and either MKTG 302 or MKTG 305 with grades of C (2.0) or better.*

NURS 212A (2)

[Change in unit value]

Pathophysiology and Pharmacology of Nursing Practice I

NURS 316A (2)

[Change in unit value]

Pathophysiology and Pharmacology for Accelerated BSN Students I

NURS 320 (2)

[Change in unit value]

Nursing Care of Adults III

NURS 321 (2)

[Change in unit value]

Nursing Care of Adults III Laboratory

NURS 370 (2)

[Change in unit value]

Health Promotion and Patient Education Strategies

NURS 445 (3)

[Change in unit value]

Practicum: Community-Oriented Nursing and Case Management

NURS 491 (1)

[Course description change; added prerequisites]

Transition to Nursing Practice Internship

Designed for traditional and accelerated BSN nursing students to work in a clinical setting and strengthen their professional nurse identity by working under the supervision of a clinical

preceptor as a role model. Allows for acquisition of additional clinical practice in a real work setting. *Prerequisites: NURS 320 and 321 for traditional BSN students; NURS 324 and 325 for accelerated BSN students.*

NURS 493 (2)

[Change in unit value and course description]

Nurse Externship

Designed for traditional and accelerated BSN nursing students to work in a clinical setting and strengthen their professional nurse identity by working under the supervision of a clinical preceptor as a role model. Allows for acquisition of additional clinical practice in a real work setting. *Prerequisites: NURS 320 and 321 for traditional BSN students; NURS 324 and 325 for accelerated BSN students. For both traditional BSN and accelerated BSN programs, enrollment is restricted to students who have obtained consent of the Extern Program Coordinator. NURS 493 may be substituted for NURS 491 if a student has an externship the final semester of the program. This course is an optional senior-level experience. May be repeated three times for a total of six (6) units. Graded Credit/No Credit.*

NURS 532B (3)

[Change in prerequisites. *Prerequisites: NURS 502, 503A, 504, and 506.*]

Advanced Practice Management of Mental Health Clients and Families Across the Lifespan I

NURS 533A (4)

[Change in unit value, description, and prerequisites]

Advanced Field Study: Advanced Practice Management of Clients and Families Across the Life Span I – CNS

Clinical practicum allows for immersion of the Clinical Nurse Specialist in the role of the advanced practice nurse in the acute care setting. Using foundations of theory, research and other evidence, and tools for case management, students will manage clients across the life span in their area of clinical expertise. Students will be mentored by experienced advanced practice nurses in activities expected in the role. The minimum requirement for this practicum is 180 hours. *Enrollment Requirement: NURS 532A must be taken concurrently. Enrollment restricted to students enrolled in the Master of Science in Nursing Program.*

NURS 533C (4)

[Change in unit value, description, and prerequisites]

Advanced Field Study: Management of Mental Health Clients and Families Across the Life Span I – NP

Clinical practicum allows for the immersion of the Psychiatric Family Nurse Practitioner student in the role of the advanced practice nurse in the acute care setting. Using foundations of theory, research, and other evidence-based practice principles, students will address the complex needs of individuals with psychiatric disorders in acute care settings. Students will be mentored by an experienced Psychiatric Nurse Practitioner or psychiatrist in the activities expected in the role. The minimum requirement for this practicum is 180 hours. *Enrollment Requirement: NURS 532B must be taken concurrently. Enrollment restricted to students enrolled in the Master of Science in Nursing Program.*

NURS 533D (4)

[Change in unit value, description, and prerequisites]

Advanced Field Study: Management of the Clients and Families Across the Life Span I - FNP

Clinical practicum allows for immersion into the Family Nurse Practitioner (FNP) role of the advanced practice nurse in the primary care setting. Using foundations of theory, research, and other evidence, students will manage common acute illnesses in individuals throughout the lifespan in a variety of clinical sites. Continuation of the application of primary prevention strategies and health maintenance will be incorporated into care. Students will be mentored by advanced practice nurse practitioners or physicians in activities expected of the role. The minimum requirement for this practicum is 180 hours. *Enrollment Requirement: NURS 532A must be taken concurrently. Enrollment restricted to students enrolled in the Master of Science in Nursing Program.*

NURS 533E (4)

[Change in title, unit value change, description, and prerequisites]

Advanced Field Study: Management of Clients and Families Across the Life Span I – APHN

Clinical practicum allows for immersion into the Clinical Nurse Specialist (CNS) role of the advanced practice nurse in public health. Students will manage individual clients and aggregates in the arena of public health in a variety of settings. This practicum emphasizes the use of health promotion and disease prevention strategies to improve the health of the community and the nation. Activities at the individual level include: health screening, counseling, education, and evaluation of immunity and infectious disease. Activities at the aggregate level include: emergency response, disaster planning, community health assessment, and program implementation and evaluation. Students will be mentored by an experienced advanced practice nurse in activities expected of the role. The minimum requirement for this practicum is 180 hours. *Enrollment Requirement: NURS 532A must be taken concurrently. Enrollment restricted to students enrolled in the Master of Science in Nursing Program.*

NURS 534A (2)

[Added prerequisites. *Prerequisites: NURS 502, 503A, 504, and 506*]

Advanced Practice Management of Clients and Families Across the Life Span II**NURS 534B (2)**

[Added prerequisites. *Prerequisites: NURS 502, 503A, 504, and 506*]

Advanced Practice Management of Mental Health Clients and Families Across the Lifespan II**NURS 597A (1) 597B (2) 597C (3)**

[New Course]

Independent Study in Advanced Nursing

Independent research, study, and/or directed reading in an area beyond what is directly covered in the nursing program. *May be repeated for credit for a total of six (6) units. Enrollment*

*restricted to students who have obtained consent of the Director of the School of Nursing.
Enrollment restricted to students enrolled in the Master of Science in Nursing Program.*

NURS 598A (1) 598B (2) 598C (3)

[Added prerequisite: *Prerequisite: NURS 510, 512, and advancement to candidacy*]

Directed Graduate Project

NURS 599A (1) 599B (2) 599C (3)

[Added prerequisite: *Prerequisite: NURS 510, 512, and advancement to candidacy*]

Graduate Thesis

NURS 600 (1)

[New Course]

Thesis/Project Extension

Registration is limited to students who have received a grade of Report in Progress (RP) in NURS 598A, 598B, 598C, 599A, 599B, or 599C, and who expect to use the facilities and resources of the University to work on or complete the thesis or project. *May be repeated. Units may not be applied to the required units for the Master's degree. Enrollment is restricted to students who have obtained consent of the Director of the School of Nursing.*

PSCI 319 (3)

[New Course]

Special Topics in American Politics

Selected topics in American politics. *May be repeated for credit as topics change for a total of six (6) units. Students should check the Class Schedule for listing of actual topics. (USGP)*

PSCI 340 (3)

[Reactivated Course]

Asian Politics

Focus on China, Japan, Korea, and the ASEAN states. Political behavior, ideas, and institutions of East Asia. Role of competing ideologies and systems of behavior, interaction of domestic and foreign policies. *(CP)*

PSCI 349 (3)

[New Course]

Special Topics in Comparative Politics

Selected topics in comparative politics. *May be repeated for credit as topics change for a total of six (6) units. Students should check the Class Schedule for listing of actual topics. (CP)*

PSCI 369 (3)

[New Course]

Special Topics in International Relations

Selected topics in international relations. *May be repeated for credit as topics change for a total of six (6) units. Students should check the Class Schedule for listing of actual topics. (INP)*

PSCI 379 (3)

[New Course]

Special Topics in Political Theory

Selected topics in political theory. *May be repeated for credit as topics change for a total of six (6) units. Students should check the Class Schedule for listing of actual topics. (PT)*

PSCI 392 (3)

[Reactivated Course]

Religion and Politics

Analysis of religion as a political force; religion as a shaper of culture and ideology; religion as a force of stability and change; religion as an influence on political behavior and public policy.

Analysis is cross-national, but focus is on U.S. society. *(GP)*

PSYC 330 (3)

[Change to course description]

Developmental Psychology: Infancy and Childhood

Examination of development from conception through childhood with emphasis on sociocultural contexts of development, physical growth and health, social-emotional cognitive, and language development. Examines issues of family gender, ethnicity, culture, and class in the context of their effects on development. *Enrollment restricted to students who have completed the Lower-Division General Education requirement in Discipline-specific or interdisciplinary Social Sciences (D). Students may not take both PSYC 330 and 331.*

PSYC 331 (3)

[New Course]

Infancy and Childhood: Theories and Research

Focuses on theories, methods, and research in developmental psychology from conception through childhood. Includes biological, genetic, and physical development; social-emotional development, cognitive and language development; perception and brain development. Analysis and synthesis of scholarly articles are integral parts of this course. *Enrollment Requirement: PSYC 100. Enrollment restricted to PSYC majors and minors, and CHAD majors only, or consent of instructor.*

PSYC 345 (3)

[New Course]

The Psychology of Caregiving Across the Lifespan

Explores family caregiving relationships and experiences across the lifespan with a focus on the physical, psychological, and emotional impact on caregivers. Includes critical analysis of the nature of family caregiving and considers how cultural, societal, and global contexts impact how caregiving is delivered. *Prerequisites: PSYC 100 and 331 or 349 or 356 or consent of instructor. May not be taken for credit by students who have received credit for PSYC 440-1.*

PSYC 348 (3)

[Change to course description]

Developmental Psychology: Adolescence

Examines development in adolescence (ages 10-22). Emphasis on sociocultural contexts of development (gender, class, culture) and their effect on development. Includes timing of pubertal development, teen pregnancy, parent-adolescent relations, identity development, peer relations, the transition to adulthood, and adolescent psychopathology (suicide, depression, eating disorders). *Enrollment restricted to students who have completed the Lower-Division General Education requirement in Discipline-specific or Interdisciplinary Social Sciences (D). Students may not take both PSYC 348 and 349.*

PSYC 349 (3)

[New Course]

Adolescence: Theories and Research

Covers theories, methods, and research in development from early adolescence through emerging adulthood. Includes biological and physical development; social-emotional development, cognitive development; and social influences on adolescent behavior. Focus on analysis and synthesis of scholarly articles and application of theories and methods to the study of adolescence. *Enrollment Requirement: PSYC 100. Enrollment restricted to PSYC majors and minors, and CHAD majors, or consent of instructor.*

PSYC 351 (3)

[Change in course number (Formerly offered as PSYC 422) and prerequisite. *Prerequisite: PSYC 100*]

Social Cognition**PSYC 395 (3)**

[Change in prerequisites: *PSYC 220, 230 and either 331 or 349 must be completed with a grade of C (2.0) or better.*]

Laboratory in Developmental Psychology**SPAN 250 (3)**

[Change in title]

Spanish for Heritage Spanish Speakers**SPAN 301B (3)**

[Change in title]

Advanced Spanish for Heritage Spanish Speakers**SOC 494 (4)**

[Correction to title]

Internship in Criminology and Justice Studies

Internship that allows for a consideration of crime, law, social control, and/or social justice. Requires 100 hours of supervised service in a government agency, community, or grassroots organization, and attendance in a weekly seminar. Focuses upon the analysis of internship experiences in light of criminological and justice studies theories and concepts, issues of

professionalization, and methods of social change. *Restricted to Criminology and Justice Studies majors of senior status. Enrollment restricted to students who have obtained consent of instructor Prerequisites: SOC 311 and 325.*

SOC 495 (4)

[Correction to title]

Capstone Seminar in Community Service

Selective placement of students in work-study situations in organizations which provide service to the local community. Includes participation in a coordinating seminar and producing a written analysis of the organization that demonstrates mastery of learning objectives for the major.

Enrollment restricted to students who have obtained consent of instructor. Prerequisites: SOC 320 or 325 and either SOC 311 or 313 or 315.

VSAR 323 (3)

[Change in title]

Chicana/o Art of the Border Region

VSAR 333 (3)

[New Course]

Visual Culture Studies

Introduction to theories of visual culture, ways of seeing, and practices of looking. Uses a visual/cultural studies approach focusing on objects of visual culture including art, objects of mass/consumer culture, and photography and design in journalism and advertising. Explores the importance of critical media literacy in contemporary society, and roles that images play in developing a sense of self. Students develop a grammar of visual design, practice creative use of images in developing a visual glossary, and learn to analyze images critically. *May not be taken for credit by students who have received credit for VPA 380-16.*

WMST 380 (3)

[New Course]

Women and Social Movements in the United States

Analysis of women's involvement in social movements in the U.S., from the 19th century to the present. Explores the intersections of race, class, gender, and sexuality in relation to these movements.