



2014–2016

Catalog Supplement



Published August 2015

University of Redlands

August, 2015 Supplement to 2014-2016 Catalog

This Supplement to the 2014–2016 *Catalog* serves as an extension of the *Catalog* through the 2015–2016 academic year. Changes that affect students attending in the 2015–2016 academic year are included in this supplement. The supplement contains the following: Tuition and Fees chapters in their entirety, changes to policies, standards, and academic programs, new courses and programs, or changes to existing courses and programs. Please see the appropriate chapters of the 2014–2016 *Catalog* for programs or policies not listed here.

The University generally reserves the right to modify, delete, or supplement the terms, provisions, or policies set forth or referred to in this Supplement.

Student Financial Services

Military and Veterans Benefits

The University of Redlands has been designated by the Veterans Administration as one of the qualified institutions veterans may attend and receive benefits. Please contact Military and Veterans Services at military@redlands.edu for further information.

Student Loan Information for 2015–16

More information about student loans may be found in the university *Catalog* or in the Student Financial Services Office. (sfs@redlands.edu)

2015–16 Limits and Rates

Federal Direct Subsidized and Unsubsidized

Student Loan (undergraduate students) interest rate is 4.29%

Federal Direct Unsubsidized Student Loan (graduate students) interest rate is 5.84%

Federal Direct Parent PLUS Loan interest rate is 6.84%

Federal Direct Grad PLUS Loan interest rate is 6.84%

Consumer Information

An individual may contact the Bureau for Private Postsecondary Education for review of a complaint at 2535 Capital Oaks Drive, Suite 400, Sacramento, CA 95833.

Website: <http://www.bppe.ca.gov>, telephone: (916) 431-6924, fax: (916) 263-1897.

COLLEGE OF ARTS AND SCIENCES

Academic Calendar | 2015–2016

Fall 2015	
Wednesday, September 2	New students arrive
September 2–7	New student orientation
Sunday, September 6	Continuing students arrive
Tuesday, September 8	Classes begin
Friday, September 11	Check-in deadline
Tuesday, September 22	Final day to add classes, final day to submit individualized study contracts
Tuesday September 29	Final day to submit Johnston regular course contracts
October 12–October 13	Study days
Friday, October 23	Final day to drop classes; final day to change grading options and credit value
Friday, October 23	Final day to record a grade for Spring, 2015 incomplete
October 26–November 20	Advising and registration period for Spring and May Term 2016
November 25–27	Thanksgiving break
Tuesday, December 1	Deadline for department honor awards to be completed for Fall 2015 graduates
Monday, December 14	Last day of classes
Tuesday, December 15	Study day
December 16–19	Final exams
Monday, December 21	Winter break begins
Wednesday, December 23	Deadline for Fall 2015 grade submission, midnight
Friday, January 29	Final day to submit Johnston evaluations for Fall 2015

Spring 2016

Sunday, January 10	All students arrive on campus
Monday, January 11	Classes begin
Tuesday, January 26	Final day to add classes; final day to submit individualized study contracts
Tuesday, February 2	Final day to submit Johnston regular course contracts
Friday, February 26	Final day to drop a class; final day to change grading options and credit value
February 29–March 4	Spring break
Monday, March 7	Classes resume
Friday, March 11	Final day to record a grade for Fall 2015 incomplete
March 14–April 1	Advising and registration period for Fall 2016
Tuesday, March 15	Publication deadline for departmental honors awards to be completed for Spring 2016 graduates
Friday, April 15	Last day of classes
April 18–21	Final exams
Friday, April 22	Baccalaureate
Saturday, April 23	Commencement
Wednesday, April 27	Deadline for Spring 2016 grade submission, midnight
April 25–29	May Term break
Friday, May 27	Final day to submit Johnston evaluations for Spring 2016

May Term 2016

Monday, May 2	Classes begin
Tuesday, May 3	Final day to add classes, final day to submit individualized study contracts
Wednesday, May 4	Final day to submit Johnston regular course contracts
Thursday, May 5	Final day to drop classes; final day to change grading options and credit value
Wednesday, May 25	Last day of classes
Thursday, May 26	Final exams
Tuesday, May 31	Deadline for May Term 2016 grade submission, midnight
Monday, June 27	Final day to submit Johnston evaluations for May Term 2016

Cost of Attendance

The following table outlines the cost of attendance for the 2015-2016 academic year.

On-Campus Student Budget

Tuition	\$44,550
Room and board (double occupancy).....	\$13,090
ASUR fee.....	\$ 350
Books and supplies*	\$ 1,764
Total	\$59,754

*Estimate of possible cost to student.

Tuition and Fees

The following schedules list the principal expenses and regulations concerning the payment of fees for the 2015-2016 academic year (Fall and Spring semesters and May Term session).

DEFINITIONS

Undergraduate

Full Year is defined as Fall/Spring/May Term, or Fall/Spring and includes 24–38 academic credits.

Half Year is defined as Fall only, Fall/May Term, Spring/May Term, or Spring only and includes 12–19 academic credits.

Full-time degree-seeking students are charged full tuition for 9 or more credits in any single semester.

Part-time tuition is charged for 1–8 credits per semester based on approval from the Registrar's Office.

Graduate

Graduate program tuition is charged on a per-credit basis.

Full Year is defined as Fall/Spring/May Term, or Fall/Spring.

Half Year is defined as Fall only, Fall/May Term, Spring/May Term, or Spring only.

Graduate Assistantships

Graduate assistantships are available. Contact the appropriate department for application and awards information.

TUITION, FEES, AND EXPENSES

Undergraduate Tuition

Full Year.....\$44,550

Half Year.....\$22,275

May Term

Excess residential (on-campus) May Term course fee will be charged after two residential May Term courses. See May Term Chapter for details.

May Term, per credit.....\$1,393

Special Status Undergraduate

Part-time tuition, per credit.....\$1,393

Individualized Study, per credit.....\$1,393

Undergraduate Auditing, per credit

Degree candidates.....\$1,393

Non-degree students.....\$225

High school students.....\$120

There is no charge for auditing by full-time undergraduate students within full-year (38 credits) or half-year (19 credits) limits. However, if auditing a course takes the total number of credits beyond the stated limit, the excess credit fee will apply. Full-time students may not audit applied music courses.

Graduate Tuition

Music and Communicative Disorders

Per credit.....\$968

Graduate Individualized Study

Per credit.....\$968

Graduate Auditing, per credit

Degree candidates.....\$968

Non-degree students.....\$225

MS in Geographic Information Systems

Per program.....\$46,731

Per credit.....\$1,041

Project Extension Fee.....\$1,041

If a candidate is unable to complete the Major Individual Project (MIP) within one term following the last term of the program, this fee will be charged for each term required to complete the MIP.

Room and Board

All students living on campus, including those living in Brockton Apartments and organizational houses owned by the University, are required to have a meal plan. Room and board pricing includes the meal plan. Meal plan options are basic, standard, premium, premium plus, and apartments/houses. These are declining balance dollar (DCB) plans.

Rate Schedule: per academic year 2015-2016

Meal Plan Fees:	Basic ¹	Standard	Premium	Premium Plus	Apartments / Houses ²	Commuter
Annual DCBs	\$ 3,260	\$ 3,470	\$ 3,900	\$ 4,330	\$ 2,380	\$ 1,850
Room type: Annual rate:						
Double room	\$12,880	\$13,090	\$13,520	\$13,950	N/A	N/A
Triple room	11,602	11,812	12,242	12,672	N/A	N/A
Quad room	10,426	10,636	11,066	11,496	N/A	N/A
Single—large room	16,842	17,052	17,482	17,912	N/A	N/A
Single—small room	14,798	15,008	15,438	15,868	N/A	N/A
Brockton Apartments	14,798	15,008	15,438	15,868	13,918	N/A
Houses	12,880	13,090	13,520	13,950	12,000	N/A
Grove Apts. Double	13,840	14,050	14,480	14,910	12,960	N/A
Grove Apts. Single	15,822	16,032	16,462	16,892	14,942	N/A
Off Campus ³	3,260	3,470	3,900	4,330	2,380	1,850

¹ Minimum plan for students living in residence halls

² Minimum plan for students living in apartments and houses

³ Meal plan only

Graduate MS GIS Central Apartments

Monthly Rent Rates

Double—Large.....	\$ 878
Double—Small.....	\$ 818
Family—Large.....	\$1,552
Family—Small.....	\$1,446
Single—Large.....	\$1,216
Single—Small.....	\$1,158

Room and Board Contract Cancellation

Continuing students may cancel acceptance of room and board contracts without penalty if written notification is received in the Office of Student Life by July 21. After that date, the penalty is charged to continuing students who do not honor a signed room and board contract.

Late cancellation fee—room and board contract..... \$500

Other Special Costs

Cross-registration with the Schools of Business and Education

Full-time, upper-division Arts and Sciences students may cross-register for School of Business or School of Education courses with the permission of their academic advisors. Students may register for one School of Business or School of Education course per term provided it does not duplicate an Arts and Sciences offering. No more than 12 credits taken at the School of Business and the School of Education can be applied toward a baccalaureate degree. School of Business or School of Education add requests must be signed by the student's advisor and the Registrar. Credits taken at either the School of Business or the School of Education are considered part of the regular academic load and are subject to the Arts and Sciences excess credit fee. Part-time, degree-seeking students follow the same procedures and policies as stated above for full-time students. Part-time, non-degree students are charged the School of Business or School of Education credit fee.

Admissions Deposit \$350

Each Arts and Sciences student admitted to the University must pay a \$350 admissions deposit. For students who enroll, the deposit is credited toward the student's entering semester tuition. For students who do not enroll, the admissions deposit is not refundable.

Application Fee, *not refundable*

Used to cover the cost of processing admissions applications.

Computerized..... \$30

Non-computerized..... \$40

Note: Applicants to the Communicative Disorders graduate program are exempt from this fee as their application is submitted through the Communication Sciences and Disorders Centralized Application Service (CSDCAS).

Associated Students Fees

Collected by the University to support ASUR and its sponsorship of various activities.

Regular student, per year..... \$350

Part-time undergraduate, per year.....\$116

Special Status undergraduate, per year\$116

Full-time graduate, per semester \$86

Part-time graduate, per semester \$63

MS GIS graduate, per semester..... \$63

Visiting student for May Term..... \$65

International Off-Campus Programs,
per semester \$54

Salzburg semester \$175

Excess Credits Fee, *per credit* \$1,393

Field Trips

Actual cost per student

Haven House fee

Fee is negotiated and paid directly to Recovery Grads

Late Check-in Fee

Checking in after the deadline \$100

Late Change of Program Processing Fee

During the semester..... \$40

After close of semester..... \$90

If granted permission by the Academic Review Board to change program after normal add or drop deadline.

Late Payment Fee, per occurrence \$250
For bills not paid by the payment due date of each semester.
Examination for credit in lieu of classwork,
per credit \$295
Available only to full-time students who have not previously audited or attended the course.

Late Immunization Fee..... \$250
For immunization documents turned in after the approved deadline.

Matriculation Fee, not refundable \$150
Encompasses costs incurred by the University for maintenance of students' permanent records.

Reader's Fee, per course \$385
Assessed to students who make up incomplete work after the deadline and after leaving the institution. Approval to complete such work must be secured from the Registrar's Office.

Replacement Diploma Fee..... \$50

Replacement ID Fee\$10

Student Health Insurance

This insurance is mandatory for international students. Domestic students must provide proof of health insurance coverage. Non-covered students may purchase the plan to comply with coverage requirement.

Annual rate (8/17/15 to 8/16/16) \$1,690

Fall rate (8/17/15 to 1/4/16)..... \$676

Spring rate (1/5/16 to 8/16/16) \$1,014

Salzburg Book Fee (per semester) \$150

Thesis Fee—Graduate Program..... \$50

Transcripts

Transcripts are now requested online from the National Student Clearinghouse at www.getmytranscript.com

Transcripts of Records, each copy \$7.25

Johnston Center Transcript, each copy \$8

Music Fees

Unless stated otherwise, these are charged in addition to tuition and apply to all students. Music fees are not refundable after the second week of classes.

Private Lessons*, per credit \$240

Class Lessons, per class

Full-time studentsno extra cost

Part-time and non-degree studentsno extra cost

**Music majors are eligible for a waiver of this fee if they meet specific criteria. All students who register for a major conducted ensemble are eligible for a reduced fee. See "Waiver or Reduction of Private Lesson Fees" below. Appropriate conducted ensembles are MUSI 111 University Choir, MUSI 112 Chapel Singers, MUSI 114 Bel Canto Singers, MUSI 131 University of Redlands Symphony Orchestra, MUSI 138 Wind Ensemble, and MUSI 140 Symphonic Band.*

Waiver or Reduction of Private Lesson Fees

Students required by their program curriculum to register for private lessons will have private lesson fees waived for the minimum number of credits required in their respective majors, regardless of the distribution of these credits among various instruments or in voice. Credits for private instruction earned at other universities will be counted in determining this minimum number. Students will be charged the private lesson fee for any instruction beyond the minimum number of credits. Music majors in the bachelor of arts program may waive a maximum of 8 credits of private lesson fees.

To qualify for waiver of private lesson fees, students must meet all of the following requirements

- a. be registered full-time;
- b. be registered for or have completed MUS 101, MUS 102, MUS 103, MUS 104, MUS 105, MUS 106, MUS 107, MUS 108 and MUS 110 (MUS 103, MUS 104, MUS 107, and MUS 108 are not required for bachelor of arts majors);
- c. be declared and approved as a music major;
- d. be advised by a member of the music faculty; and
- e. be registered for a course of study that will permit graduation within nine semesters. Semesters of eligibility for transfer students will be pro-rated.

Full-time students who concurrently enroll for credit in and successfully complete MUSI 111, MUSI 112, MUSI 113, MUSI 114, MUSI 130, MUSI 131, MUSI 136, or MUSI 138 are eligible for a special private lesson fee of \$75 per credit; the minimum enrollment per semester is 1 credit.

Payment Policies

All charges must be paid in full by the tuition due date. All remittances should be made payable to the University of Redlands.

Students with a past due balance on their University account are subject to dismissal from the University. The University will not release transcripts or a diploma until the past due balance is paid in full.

Students will not be permitted to pre-register for the next term until the past due balance is paid in full.

If the University is required to use third-party collections (i.e., collection agency or attorney) to collect the student account balance due, any future registration may require payment in advance.

Policy on Refunds

Refund policies at the University of Redlands are established in compliance with the 2008 amendments to the Higher Education Act of 1965. The University has adopted the federal refund policy guidelines as its institutional policy. Refund policies are subject to change at any time, according to federal and state regulations. When such changes are made, notice will be given as far in advance as possible.

Refunds are determined from the date of **official** withdrawal or approved leave of absence. Students who withdraw unofficially or at the request of the University are not entitled to refunds for the current semester.

Students receiving federal Title IV financial aid funding may be eligible for a refund according to the federal refund guidelines. Federal regulations stipulate the allocation of refunds representing federal aid and repayment requirements for students receiving cash disbursements of federal aid.

Official Withdrawal

A withdrawal is considered official for all students when written notice has been provided to the Office of Student Life. Written withdrawal or leave of absence notification is required to state the intention of the student to discontinue the course(s) in which he or she is registered and their last date of attendance. The withdrawal will be considered effective as of the date the student gives official notification of intent to withdraw. If a student fails to withdraw officially, the applicable date will become the midpoint of the term, unless the University can document a later date. In certain circumstances, if a later date of last academic activity is substantiated, this date can be used in lieu of the midpoint of the term.

Returning Students

Students re-enrolling after withdrawal from the University will be charged current rates and fees based on the start date of new registration.

Temporary Absence

No refunds will be made for students who remain away for part of a semester without officially completing the withdrawal or leave of absence process. No refunds will be made in cases of disciplinary action, which includes suspension or expulsion.

Awards and Honors

Phi Beta Kappa

Beginning January, 2015, the minimum GPA requirement changed to 3.55. Students with a minimum 3.55 GPA and who meet additional criteria as noted in the catalog are eligible for consideration for election to Phi Beta Kappa.

PROGRAM OF STUDY CHANGES

Accounting

Course revisions

220 Principles of Managerial Accounting.

Prerequisite change: ACCT 210.

320 Intermediate Accounting II.

Prerequisite change: ACCT 300.

360 Volunteer Income Tax Assistance.

Description changed to add the following to the end of description: This course is not eligible to count toward a minor in accounting.

400 Financial Reporting Theory I.

Prerequisite change: ACCT 310 or ACCT 320 or by permission.

411 Accounting Information Systems. Fall (4), Spring (4).

Prerequisite change: ACCT 210 and ACCT 220.

Art

Change to the major

Studio Foundation

5 courses 20 credits

- ART 131 Drawing (4)

- ART 132 2-D Design (4)
- ART 145 Introduction to Sculpture (4)
- ART 159 Digital Imaging (4)
- One art history course. *Students are advised to take as many art history courses as possible.*

Concentration- Choose one of the following

Sculpture/Ceramics

3 courses 12 credits

- ART 140 Introduction to Ceramics (4)
- ART 240 Intermediate Ceramics (4) or ART 347 Intermediate Sculpture (4)
- ART 448 Advanced Projects Sculpture/Ceramics (4)

Drawing/Painting

4 courses 16 credits

- ART 233 Painting (4)
- ART 331 Intermediate Drawing (4)
- ART 333 Intermediate Painting (4)
- ART 434 Advanced Projects Drawing and Painting (4)

Graphic Design

4 courses 16 credits

- ART 150 Book Arts (4) or ART 251 Typography (4)
- ART 252 Introduction to Graphic Design (4)
- ART 352 Intermediate Graphic Design (4)
- ART 456 Advanced Projects Graphic Design (4)

Photography

3 courses 12 credits

- ART 235 Introduction to Photography (4)
- ART 339 Intermediate Photography (4)
- ART 436 Advanced Projects Photography (4)

Capstone- all majors

1 course 4 credits

- ART 495 Senior Project (4)

In addition, the first item under "To be a successful Art major, you should..." is changed as follows to reflect the updated Studio Art Foundation courses:

- take the Studio Foundation in the first or second year (ART 131, ART 132, ART 145, and ART 159) .

New courses

159 Digital Imaging. Fall (4), Spring (4).

Introduction to using the computer as a creative tool. Development of digital imaging techniques and photo manipulation using Adobe Photoshop.

434 Advanced Projects Painting/Drawing. Fall (4).

Advanced work in painting and drawing. Expands on issues addressed in previous

courses while students create an individual body of work. Emphasis will be placed on conceptualization, integration of content, professional practices/presentation and developing awareness of contemporary issues in painting and drawing. Prerequisite: ART 331 or ART 333.

436 Advanced Projects Photography. Fall (4).

A class using darkroom and digital photo processes to build an individual body of work. Emphasis is placed on conceptualization, integration of content, and developing an awareness of current trends in the art world. Class time includes lectures, readings, discussions, and critiques. Prerequisite: ART 339.

448 Advanced Projects Sculpture/Ceramics. Fall (4).

Students will develop new skills as they pertain to their stated interests, pursue individual projects and discuss their work and the work of contemporary artists in seminar style. Prerequisite: ART 347.

456 Advanced Projects Graphic Design. Fall (4).

Advanced work in graphic design. Emphasis is placed on design process, integration of content, and developing an awareness of contemporary design issues. Students will refine technique, work toward developing an individual style, and create a portfolio of professional-quality design work. Prerequisite: ART 352.

Course revisions

155 Introduction to Printmaking.

Prerequisite deleted.

233 Painting.

Prerequisite deleted.

235 Introduction to Photography.

Prerequisite deleted.

240 Intermediate Ceramics.

Prerequisite change: ART 140.

249 Sculpture Metal Casting.

Prerequisite change: ART 145

251 Typography.

Prerequisite change: No prerequisite; ART 132 recommended.

252 Introduction to Graphic Design.

Prerequisite change: No prerequisite; ART 132 recommended.

255 Printmaking Etching.

Prerequisite change: No prerequisite; ART 131 or ART 132 recommended.

257 Printmaking Lithography.

Prerequisite change: No prerequisite; ART 131 or ART 132 recommended.

258 Printmaking Relief.

Prerequisite change: No prerequisite; ART 131 or ART 132 recommended.

259 Printmaking Serigraphy.

Prerequisite change: No prerequisite; ART 131 or ART 132 recommended.

331 Intermediate Drawing.

Prerequisite: At least one of the following studio art foundation courses (ART 132, ART 145, ART 159) and ART 131 and junior standing, or permission.

333 Intermediate Painting.

Prerequisite: At least one of the studio art foundation courses (ART 131, ART 132, ART 145, ART 159) and ART 233 and junior standing, or permission.

339 Intermediate Photography.

Prerequisite change: At least two of the studio foundation courses (ART 131, ART 132, ART 145, ART 159) and ART 235 and junior standing, or permission.

347 Intermediate Sculpture.

Prerequisite at least one of the following studio art foundation courses (ART 131, ART 132, ART 159) and ART 145 and junior standing, or permission.

352 Intermediate Graphic Design.

Prerequisite change: At least two of the studio foundation courses (ART 131, ART 132, ART 145, ART 159) and ART 252 and junior standing, or permission.

Asian Studies

Advanced Placement in Chinese and Japanese

Students who score a three on the Advanced Placement Test receive 4 credits; those who score a four or five receive 8 credits. The Department will determine placement.

Biology

Students entering the biology major must have successfully completed BIOL 200 and BIOL 201 or equivalent courses and achieved a major GPA of 2.0 or higher at the time of declaration.

Change to the Bachelor of Science

Bachelor of Science

Bachelor of Science (40–44 credits)

- BIOL 200 Principles of Biology: Unity and Diversity (4)
- BIOL 201 Principles of Biology II: Molecular/Cellular Biology and Genetics (4)
- BIOL 238 Ecology, Evolution, and Behavior (4)
- BIOL 239 Molecular Genetics and Heredity (4)
- Five additional courses from BIOL 250– BIOL 360 (**except** BIOL 341), of which a minimum of three must include a significant laboratory or field component, by contract with department faculty.
- BIOL 394 Biology Seminar (0)
- BIOL 495 Senior Seminar (1)
- BIOL 496 Senior Seminar (1)
- 6 credits of coursework selected from BIOL 403 through BIOL 460, BLCM 460 Advanced Interdisciplinary Research in Biology and Chemistry, OR departmental honors project work (BIOL 499)

Related Field Requirements:

Chemistry

4 courses. 16 credits

- CHEM 131 General Chemistry (4)
- CHEM 132 General Chemistry (4)
- CHEM 231 Organic Chemistry (4)
- CHEM 232 Organic Chemistry (4)

Mathematics

2 courses. 8 credits

Choose one of the following:

- MATH 118 Integrated Calculus (4) AND
- MATH 119 Integrated Calculus II (4)

OR

- MATH 121 Calculus (4)

AND

Choose **one** of the following:

- MATH 111 Elementary Statistics and Probability with Applications (4)
- MATH 122 Calculus II (4)
- PSYC 250 Statistical Methods (4)
- POLI 202 Statistical Analysis and Mapping of Social Science Data (4)

Physics

2 courses. 8 credits

Choose one of the following groups:

- PHYS 220 Fundamentals of Physics I (4)
- PHYS 221 Fundamentals of Physics II (4)

OR

- PHYS 231 General Physics I (4)
- PHYS 232 General Physics II (4)

Note: Degree contracts must be approved by the end of the second semester of the junior year or, in the case of upper-division transfer students, the end of the first semester of residence.

Change to the Bachelor of Arts

Bachelor of Arts

Students who are not planning post-graduate work in biology may wish to consider the bachelor of arts in biology combined with a major or minor in another discipline.

Bachelor of Arts (47–50 credits)

- BIOL 200 Principles of Biology: Unity and Diversity (4)
- BIOL 201 Principles of Biology II: Molecular/Cellular Biology and Genetics (4)
- BIOL 238 Ecology, Evolution, and Behavior (4)
- BIOL 239 Molecular Genetics and Heredity (4)
- CHEM 131 General Chemistry (4)
- CHEM 132 General Chemistry (4)
- CHEM 231 Organic Chemistry (4)
- CHEM 232 Organic Chemistry (4)

Choose one of the following

- PHYS 220 Fundamentals of Physics I (4)
- PHYS 231 General Physics I (4)
- MATH 111 Elementary Statistics and Probability with Applications (4)
- PSYC 250 Statistical Methods (4)
- POLI 202 Statistical Analysis and Mapping of Social Science Data. (4)

Electives:

- Three additional courses from BIOL 250–BIOL 360 (**except** BIOL 341), of which a minimum of two must include a significant laboratory or field component, by contract with department faculty.

Additional requirements:

- BIOL 394 Biology Seminar (0)
- BIOL 495 Senior Seminar (1)
- BIOL 496 Senior Seminar (1)
- Completion of Senior Seminar Capstone project

Required second major or minor

A major or minor in another discipline, or an interdisciplinary minor, or equivalent approved by department faculty is required.

Note: Degree contracts must be approved by the end of the second semester of the junior year, or the end of the first semester of residence in the case of upper-division transfer students.

Change to the minor

THE MINOR

Biology minor

6 courses 24 credits

- BIOL 200 Principles of Biology: Unity and Diversity (4)
- BIOL 201 Principles of Biology II: Molecular/Cellular Biology and Genetics (4)

Choose one of the following

- BIOL 238 Ecology, Evolution and Behavior (4)
- BIOL 239 Molecular Genetics and Heredity (4);

Three additional courses

Choose from BIOL 238–360 (**except** BIOL 341), of which a minimum of two must include a significant laboratory or field component, by contract with department faculty.

Note: One of BIOL 238 or BIOL 239 may apply to the additional course requirement if a student takes both.

New courses

200 Principles of Biology: Unity and Diversity. Spring (4).

Introduction to the study of the diversity of living organisms and how organisms meet the challenges faced by all living things. Laboratory work emphasizes quantitative data collection and analysis while introducing students to biological diversity and physiological techniques. Prerequisite: CHEM 131.

238 Ecology, Evolution, and Behavior. Fall (4), Spring (4).

An introduction to ecology, including population and environments. The course will

provide an introduction to the study of animal behavior and the topic of conservation. Laboratory work will include field trips to biological communities of Southern California and the collection and analysis of quantitative data. Prerequisites: BIOL 200 and 201 (formerly BIOL 131 and 133).

Course revisions

201 Principles of Biology II: Molecular/Cellular Biology and Genetics. Fall (4). This course replaces BIOL 131 beginning Fall, 2016. New description: Introduction to the study of life including central molecules in biological processes, the structure of cells, molecular and transmission genetics. Laboratory work emphasizes biochemical and genetic techniques, data collection, and analysis. Prerequisite: CHEM 131.

260 Topics in Biology. Fall (1-4), Spring (1-4), May Term (3).

Add prerequisite: BIOL 131 or BIOL 133 or by permission.

Business Administration

GPA requirement policy

Beginning with students entering the University in the fall of 2015, enrollment in Business 226 and Accounting 210 will require a cumulative GPA of 2.7 on a 4.0 scale at the time of registration. Transfer students, commencing with students entering the University in the fall of 2015, must have a cumulative GPA of 2.7 from their previous school(s) at the time of registration. In addition, any student seeking to declare any major offered by the Department of Business Administration and Accounting (BS in Global Business, BS in Business Administration, BA in Management) must have a cumulative GPA of 2.7 at the time they submit their Declaration of Major. (Those students interested in the Accounting major should refer to the specific Accounting section of this catalog.) Students who do not meet the GPA requirements as noted above may petition the department for permission to enroll in Business 226, Accounting 210, or to declare the major. Petitions will be reviewed by the Department Chair, and/or the Global Business Program Director, and/or the Accounting Program Director as appropriate and will be granted only in exceptionally compelling circumstances.

New course

308 Green Business. Spring (4).

This course addresses various opportunities for businesses and consumers to enhance long-term environmentally sustainable practices at local, state, national, and international levels. Also examined is the role of environmental policy, leadership, technological advances, and public opinion in affecting the economies of businesses and making the case for "greening" a business. Prerequisite: ACCT 210 or EVST 100.

Course revisions

226 The Rise of American Capitalism.

Add prerequisite: ECON 250 or ECON 251.

354 Investments.

Prerequisite change: BUS 353 or ACCT 310, or by permission.

421 Corporate Finance.

Prerequisite change: BUS 353 or ACCT 310, or by permission.

Chemistry

Change to the minor

Requirements

A. 6 courses. 26 credits

- CHEM 131 General Chemistry I (4)
- CHEM 132 General Chemistry II (4)
- CHEM 231 Organic Chemistry I (4)
- CHEM 232 Organic Chemistry II (4)
- At least two other courses above 300 totalling at least 6 credits. One of these courses must be a laboratory course.

Acceptable laboratory courses include CHEM 301 Quantitative Chemistry and Analysis (4), CHEM 320 Biochemistry (4), CHEM 330 Analytical Chemistry (4), CHEM 331 Physical Chemistry I (4) CHEM 360 Environmental Chemistry Field Experience and Modeling (3) and CHEM 431 Advanced Laboratory (2). Acceptable non-laboratory courses include CHEM 332 Physical Chemistry II (4), CHEM 420 Advanced Biochemistry (4), CHEM 425 Advanced Organic Chemistry (4), and CHEM 445 Inorganic Chemistry (4).

B. Mathematics. 4 credits

MATH 119 Integrated Calculus II (4) or higher.

Advanced Placement policy changed to include International Baccalaureate

Advanced Placement in Chemistry

Students who receive a score of four or higher on the Advanced Placement Test or a score of six or higher on the International Baccalaureate may be offered credit for CHEM 131 on the approval of the Chair.

Course revisions

131 General Chemistry.

Prerequisite change: Score higher than 500 on the Math SAT or score higher than 19 on the ACT Math exam, or completion of MATH 118 or higher mathematics course, or permission of chemistry department from placement exam.

231 Organic Chemistry.

Prerequisite change: Grade of 2.0 or higher in CHEM 132.

260 Environmental Chemistry Field Experience.

Prerequisite: CHEM 102 or CHEM 131.

331 Physical Chemistry I.

Prerequisite change: CHEM 132 and either MATH 122 or MATH 221; pre-or co-requisite PHYS 232 (or 221) or by permission.

332 Physical Chemistry II.

Prerequisite change: CHEM 132 and either MATH 122 or MATH 221; pre-or co-requisite PHYS 232 (or 221) or by permission.

360 Environmental Chemistry Field Experience and Modeling.

Prerequisite change: Permission of instructor required.

Communicative Disorders

Course revisions

204 Speech and Hearing Science.

Prerequisite change: CDIS 100, sophomore status, or by permission, or graduate status.

205 Introduction to Audiology.

Prerequisite: CDIS 100, sophomore status, or by permission, or graduate status.

206 Functional Anatomy/Physiology of Communication.

Prerequisite change: CDIS 100, either CDIS 204 or CDIS 205, sophomore status, or by permission, or graduate status.

307 Early Language Development.

Prerequisite change: CDIS 100, CDIS 204, junior status, or by permission, or graduate status. May not be taken concurrently with CDIS 308.

308 School Age through Adult Language Development and Disorders.

Prerequisite change: CDIS 100, CDIS 307, junior status, or by permission.

309 Articulation and Phonology.

Prerequisite change: CDIS 100, CDIS 206, junior status, or by permission, or graduate status.

413 Communicative Disorders Capstone.

Add prerequisite: Majors only with senior status.

Master's level course revisions

646 Dysphagia/Voice Disorders Clinic.

Grade basis change: numeric only.

649 Child Speech and Language Clinic. Fall (2), Spring (2).

May be repeated for credit, maximum 4 credits.

Master of Science in Communicative Disorders Program

Comprehensive Evaluation

Comprehensive evaluation requirement wording change

Successful completion of a departmental Comprehensive Evaluation is required of all candidates for the master's degree in the final semester of their program. The Comprehensive Evaluation takes the form of an evidence-based oral presentation of a case study. Further information is available from the department.

Computer Science

New major

Bachelor of Arts in Computer Science

The computer science major consists of 36 credits. Students majoring in computer science must complete the following requirements

6 courses 24 credits

- CS 110 Introduction to Programming (4)
- CS 111 Data, File Structures, and OOP (4)
- CS 222 Programming for the World Wide Web (4)

- CS 223 Multimedia Design and Game Programming (4)
- MATH 111 Elementary Statistics and Probability with Applications (4)
- MATH 121 Calculus I (4)

2 courses 8 credits

Select 2 courses from the following

- CS 323 Mobile Programming (4)
- CS 330 Database Management (4)
- CS 340 Programming Languages (4)
- CS 341 Software Engineering (4)

Capstone 4 credits

- CS 450 Computer Science Senior Project (4)

Computer Science Minor

Changes to the Computer Science Minor

6 courses 23-24 credits

- CS 110 Introduction to Programming (4)
- CS 111 Data, File Structures, and OOP (4)
- 15-16 additional credits from Computer Science offerings.

New course

450 Computer Science Capstone Project. Spring (4).

This course provides the opportunity for a senior in Computer Science to design, develop, and implement a reasonable-sized software project as a capstone experience. This implementation work integrates the knowledge acquired from earlier computer science courses and the principles of project management and delivery. Prerequisite: Senior standing.

Course revisions

111 Data, File Structures, and OOP.

Prerequisite change: CS 110, co-requisite MATH 121.

223 Multimedia Design and Game Programming.

Prerequisite change: CS 111 and MATH 121.

323 Mobile Programming.

Prerequisite change: MATH 121. Course title correction.

341 Software Engineering.

Prerequisite change: Any CS 300-level course.

Creative Writing

Course revision

312 Redlands Review.

New description: Theoretical study and practical application of skills and ideas to produce an original literary magazine as a team. Course activities include studying and discussing the history of literary magazines, and soliciting and editing material for our own. Participants will adhere to a budget, set deadlines, and organize publicity and distribution. Prerequisite removed.

Economics

New course

205 Ecological Economics. Fall (4).

The course explores the relationship between the ecological system and economic sub-systems. Topics of the course include the economics of entropy, throughput, alternative notions of economic sustainability, ecological impacts of technological change, limits to economic growth, and alternative economic systems. Prerequisite: ECON 250.

Course revision

355 Environmental and Resource Economics.

Prerequisite change: ECON 250 (ECON 251 is recommended).

Course deletions

149 Introduction to Economics.

155 Introduction to the Economics of the Environment.

Education

Course number correction

405 Multiple-Subject Literacy and Language I.

Environmental Studies

New courses

205 Great Environmental Disasters. Fall (4), Spring (4).

This course examines great environmental disasters that have occurred throughout geologic time. From the impact that resulted in the extinction of dinosaurs to the volcanic eruptions at Pompeii to the aftermath of Hurricane Katrina, we develop an understanding of these events and their impacts from an earth science perspective.

290 Environmental Geology. Spring (4).

This course investigates how critical events in Earth history have shaped the landscape that we see today. Main topics include mountain building, volcanoes, faulting, glaciers, oceans and coastlines, energy resources, the geology of Southern California, and global climate change. Course includes a weekly lab/field component. Prerequisites: EVST 100 and MATH 101, or by permission.

375 Tropical Rainforests The Amazon, the Andes, & the Inca. May Term (3).

In this course we will travel to the tropical rainforests and cloud forests of Peru to explore the climatology, ecology, and biodiversity of this region. We will explore the ancient culture of the Inca, their empire at Machu Picchu, and the modern Peruvian cultures that now thrive in this region. Prerequisite: permission of instructor.

391 Environmental Hydrology. Spring (4).

This course examines the ways that water has shaped our planet by exploring the following topics hydrologic cycling, spatio-temporal patterns of water distribution and scarcity, water quality and pollution, groundwater and stream flow, and the challenges surrounding water resource allocation. Course includes a weekly lab/field component with off-campus field trips. Prerequisite: EVST 100 and MATH 101, or by permission.

Course revision

235 Environmental Impact Assessment.

Prerequisite: EVST 100 and completion of a WA course.

French

Course revisions

101–102 First-Year French.

Prerequisite removed.

201 Second-year French.

Prerequisite change: Completion of FREN 102, placement exam, or by permission.

202 Second-year French.

Prerequisite change: Completion of FREN 201 or by permission.

301 Third-year French.

Prerequisite change: Completion of FREN 202, placement exam, or by permission.

302 Third-year French.

Prerequisite change: Completion of FREN 301, or by permission.

450 French Theatre.

Prerequisite change: Completion of FREN 302, placement exam, or by permission.

451 The Novel in France.

Prerequisite change: Completion of FREN 302, placement exam, or by permission.

452 French Lyrical Poetry.

Prerequisite change: Completion of FREN 302, placement exam, or by permission.

456 French Cinema.

Prerequisite change: Completion of FREN 302, placement exam, or by permission.

458 France Today.

Prerequisite change: Completion of FREN 302, placement exam, or by permission.

459 The Francophone World.

Prerequisite change: Completion of FREN 302, placement exam, or by permission.

463 Topics in French Literature.

Prerequisite change: Completion of FREN 302, placement exam, or by permission.

466 Seminar.

Prerequisite change: Completion of FREN 302, placement exam, or by permission.

Geographic Information Systems

Course revisions

617 Programming for GIS. (2).

Credit change: from 1 to 2.

663 Remote Sensing and Image Processing. (2).

Credit change: from 1 to 2.

697 GIS Internship. (3-9).

Internship and academic work under faculty. Prerequisite: GIS 691. May be repeated as internship, may span across semesters. Minimum 3 credits per semester, maximum 9 credits.

German

Course revisions

101–102 First-Year German.

Prerequisite removed.

201 Second-Year German.

Prerequisite change: Completion of GRMN 102, placement exam, or by permission.

202 Second-Year German.

Prerequisite change: Completion of GRMN 201 or by permission.

301 Third-Year German.

Prerequisite change: Completion of GRMN 202, placement exam, or by permission.

302 Third-Year German.

Prerequisite change: Completion of GRMN 301 or by permission.

360 Seminar in German Studies.

Prerequisite change: Completion of GRMN 302, placement exam, or by permission.

401 Survey of Older German Literature to 1750.

Prerequisite change: Completion of GRMN 302, placement exam, or by permission.

402 Survey of Newer German Literature from 1750.

Prerequisite change: Completion of GRMN 302, placement exam, or by permission.

404 Germany Today.

Prerequisite change: Completion of GRMN 302, placement exam, or by permission.

415 Practice in Translation.

Prerequisite change: Completion of GRMN 302, placement exam, or by permission.

445 Topics in German Literature.

Prerequisite change: Completion of GRMN 302, placement exam, or by permission.

460 Seminar in German Studies.

Prerequisite change: Completion of GRMN 302, placement exam, or by permission.

490 Senior Capstone Part I.

Prerequisite change: Majors only. Senior standing or by permission.

495 Senior Capstone Part II.

Prerequisite change: Majors only. Completion of GRMN 490 or by permission.

History

New courses

200 History of Wine. May Term (3).

The study of the history of wine as it has evolved from its origins over 5,000 years ago in Russia to its contemporary development in California. Instructing how best to develop the necessary skills to communicate and appreciate the emergence of wine as a focus of culture and lifestyle, hence the prerequisites. Prerequisite: Must be minimum 21 years of age. Course fee applies. CN only.

274 Vietnam. Fall (4). Spring (4).

Reconstruction of the era through films, popular music, and political and military strategy documents; and social, economic, and political analysis made by contemporary writers. A special segment examines issues raised by the conflict and lessons learned for future military operations.

Course revision

229 U.S. History on Film. Fall (4), Spring (4), May Term (3).

330 Rise of the Anglo-Atlantic World 1500–1815.

Prerequisite removed.

343 China since 1949.

Prerequisite removed.

Liberal Studies

Course revision

201 Studies in Education.

Prerequisite change: LBST 101 or by permission of department chair.

Mathematics

Course revisions

101 Finite Mathematics.

Prerequisite change: MATH 001L or MATH 002L or Placement Exam, or by permission.

102 Explorations in Mathematics for Prospective Educators.

Prerequisite change: MATH 101 and LBST 101.

118 Integrated Calculus I.

Prerequisite change: MATH 002L or Placement Exam, or by permission.

204 Conjecture and Proof in Discrete Mathematics.

Prerequisite change: MATH 221.

241 Linear Algebra.

Prerequisite change: MATH 221.

Music

Program description updates

Bachelor of Arts with a Major in Music

This degree is intended for students who seek to include musical studies in the broad context of a liberal education. Studies in music comprise roughly one-third of the degree.

Bachelor of Music

The Bachelor of Music degree is an intensive pre-professional program with majors in Performance, Composition, and Music Education. The degree is intended for students who seek a concentrated focus in music with the intention of pursuing a career in performance, composition, or teaching. Studies in music comprise roughly two-thirds of the degree.

Master of Music

The master of music degree is a post-baccalaureate program with majors in Performance, Composition, Music Education, and Conducting. The degree is intended for advanced study beyond the undergraduate level.

Artist Diploma in Music

The Artist Diploma is an intensive, post-graduate performance program intended for students to focus on their individual performance.

Course revision

307 World Music. Fall (4), Spring (4).

Study of the basic elements of music outside the Western or European tradition, including melody, scale systems, rhythm, harmony, and form. NU only. Offered in alternate years.

Course number correction

405 Nineteenth-Century Music Literature.

Physical Education

Course correction

330 Enhancing Athletic Performance. Spring (3).

Prerequisite: PE 320.

Physics

GPA requirement policy

Students declaring a physics major are required to have a 2.5 cumulative GPA in the general physics and calculus sequences (PHYS 231-233 and MATH 121, MATH 122, MATH 221).

Change to the minor

Physics courses 20 credits

Take either of the two introductory physics sequences

- PHYS 231 General Physics I (4)
- PHYS 232 General Physics II (4)

OR

- PHYS 220 Fundamentals of Physics I (4)
- PHYS 221 Fundamentals of Physics II (4)

Additional courses 12 credits

- PHYS 233 General Physics III (4)
- 8 credits in 300-level Physics courses (except PHYS 349)

Mathematics 12 credits

- MATH 121 Calculus I (4)
- MATH 122 Calculus II (4)
- MATH 221 Calculus III (4)

Course revisions

102 Astronomy of Planets.

Prerequisite removed. Add to end of course description: Expects competency in high school algebra, geometry, and trigonometry.

103 General Astronomy.

Prerequisite removed. Add to end of course description: Expects competency in high school algebra, geometry, and trigonometry.

106 Physics Comes to Light.

Prerequisite removed. Add to end of course description: Expects competency in high school algebra.

107 Sound Physics.

Prerequisite removed. Add to end of course description: Expects competency in high school algebra.

220 Fundamentals of Physics.

Prerequisite removed. Add to end of course description: Expects competency in high school algebra, geometry, and trigonometry.

231 General Physics I.

Prerequisite change: MATH 119, MATH 121, MATH 122, or MATH 221.

232 General Physics II.

Prerequisite change: PHYS 231; Pre- or corequisite MATH 122 or MATH 221.

Political Science

New course

203 Playing Politics. May Term (3).

An experiential learning course in which students learn about the politics of social dilemmas, social choice theory, and elementary game theory through playing competitive games throughout May Term. Each game models a particular social problem found in real-world politics.

Course revisions

226 Middle East and African Politics.

Name change, from Middle East Politics. New description: A thematic introduction to the politics of the Middle East and Africa in which students address themes and issues such as state formation, democracy and authoritarianism, political violence and terror, ethnicity and nationalism, gender and human rights, and the complex relationship between religion and politics.

328 Comparative Politics.

Course number changed from 228.

Public Policy

Directed Study and Internship options

Elective Directed Study (2-4)

PLCY 170, PLCY 270, PLCY 370, PLCY 470

Elective Internship (0-4)

PLCY 180, PLCY 280, PLCY 380, PLCY 480

Capstone requirement change

Capstone Experience Requirement Options

Single majors

Public Policy majors who do not major in any other field (i.e. single majors) may either
a) complete POLI 456 Education Policy or POLI 457 Health Care Policy
OR

b) complete a capstone in their primary substantive field of study (e.g. POLI 495, ECON 465, EVST 475, REST 402, WGST 459), or other capstone experience approved by the Director.

Double majors

Public Policy majors who also major in another field (i.e. double majors) may either

a) complete two separate capstone experiences; one in Public Policy (POLI 456 or POLI 457), and one in the second major (e.g. POLI 495, ECON 465, EVST 475, REST 402, WGST 459), or other capstone experience approved by the Director.

OR

b) write a shared capstone that integrates the student's learning experiences in both majors.

Regardless of which option is selected, the capstone must focus on a public policy issue and address all of the Public Policy major learning outcomes.

Race and Ethnic Studies

New course

325 Race and Criminal Justice Policy.

This class will examine how race and gender affects our criminal justice policies at different points in policy-making and implementation including arrest, trial, and sentencing; as well as the broad effects our criminal justice policies have on our communities, families, and ideas of race and citizenship.

Course revisions

220 Ending Oppression.

Prerequisite: By permission of instructor.

242 Southern California Indian Relations with the Land.

Prerequisite: By permission of instructor.

330 Race in the City.

Prerequisite removed.

342 Race and Social Protest.

Prerequisite removed.

Sociology and Anthropology

New courses

233 Jewish Culture, Cooking, and Community. May Term (3).

This course delves into Jewish culture, community, and cuisine; highlighting diversity and essential underpinnings of this ethnic minority. Interaction with the Jewish community, complemented by readings, films, cooking, and field trips, teaches students fundamentals of history, beliefs, and cultural practices.

331 Consuming Paris. May Term (3).

In this course, we engage in the ethnographic method of participant observation to explore urban life in Paris. We study consumption as integral to our engagement with public space; the health of our environment; and diverse forms of citizenship, social belonging, and social inequality.

Course revisions

314 Dancing Around the World. Fall (4), Spring (4).

New description: In this course we will experience a variety of dance styles from different cultures and societies around the world. We will examine which, when, where, how, and why people dance in society. Topics explored include gender, politics, religion, class, race, and individual expression. Dance experience not required. \$150 course fee. Prerequisite removed.

329 Anthropology of Mothering. Fall (4), Spring (4).

Number change from 307.

350 Archaeological Field School.

Prerequisite change: SOAN 104 or SOAN 251 or by permission.

Spanish

Course revisions

101 First-Year Spanish.

Prerequisite change: Placement exam only if student has previous experience in language.

102 First-Year Spanish.

Prerequisite change: SPAN 101 or by permission.

201 Second-Year Spanish.

Prerequisite change: Completion of SPAN 102, placement exam, or by permission.

202 Second-Year Spanish.

Prerequisite change: Completion of SPAN 201 or by permission.

301 Third-Year Spanish.

Prerequisite change: Completion of SPAN 202, placement exam, or by permission.

302 Third-Year Spanish.

Prerequisite change: Completion of SPAN 301 or by permission.

410 Introduction to: Spanish Linguistics.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

412 Advanced Grammar and Writing.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

424 Introduction to: Hispanic Literature.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

425 Spanish-American Civilization.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

426 Survey of Spanish-American Literature I.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

427 Survey of Spanish-American Literature II.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

435 Spanish Civilization and Culture.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

436 Survey of Spanish Literature.

437 Survey of Spanish Literature.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

440 Spanish-American Narrative.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

441 Hispanic Women Novelists.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

450 Hispanic Poetry Genres.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

452 Hispanic Theatre.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

454 Spanish Golden Age Literature.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

455 The Generation of '98.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

456 Panorama of the Contemporary Spanish Novel.

Prerequisite change: Completion of SPAN 302, placement exam, or by permission.

Theatre Arts

New program

Bachelor of Arts in Theatre Business

THE MAJOR

The Theatre Business major draws its foundations on a solid footing in theatre arts theory and practice as well as entrepreneurial skills from the department of business. Majors are trained in both theatre arts and business practices. A minimum of 48 credits is required for completion of the major. Classes listed as "or" are intended to be self-directed toward area of study of student with guidance of his or her advisor.

Core Courses in Theatre Arts 24 credits

- THA 105, THA 205, or THA 305 Production Credit (2)
- THA 105 Production credit Actor's Lab (2)
- THA 125 Stage Design Fundamentals (4) **or**
THA 130 Introduction to Theatre Technology (4)
- THA 140 Acting Fundamentals (4)
- THA 230 Theatre Management (4)
- THA 251 Changing Stages Theatre History Part 1 (4)
- THA 252 Changing Stages Theatre History Part 2 (4)

Core Courses in Business 20 credits

- ECON 250 Principles of Microeconomics (4) **or**
ECON 251 Principles of Macroeconomics (4)
- BUS 136 Principles of Global Marketing (4)
- ACCT 210 Principles of Financial Accounting and Reporting (4)
- BUS 310 Principles of Management and Organization Behavior (4) **or**
BUS 430 Human Resource Management (4)
- BUS 369 Non-Profit Management (4) **or** BUS 369 Social Media Marketing (4)

Internship Requirement 0-4 credits

Each student will complete an internship with a professional theatre company or will create an internship involving a University sponsored event. Internships must be completed in Junior year or in the fall of Senior year. Students' internship experience will be connected with their written capstone experience.

Capstone Experience 4 credits

- THA 425 Theatre Arts Senior Seminar (4)

Capstone requirement will include a specific business element based on the specifics of each student's capstone with at least one committee member from the theatre faculty and one from the business administration faculty.

Course revisions

210 Playwriting.

Prerequisite change: THA 140 or a 100-level Creative Writing workshop course.

350 Dramaturgy.

Add prerequisite: THA 251 or THA 252 or instructor permission.

Women's and Gender Studies

Course revisions

350 Feminist Ethics.

Prerequisite change: WGST 150 or WGST 330 or by permission.

427 Women in Collective Action.

Prerequisite change: WGST 150 or by permission

Course deletion

120 Women's Issues.

Additional course offerings

Student Services

New courses

157 Global Ambassadors Mentor Preparation. Spring (0 or 2).

This course is designed for students who are interested in becoming Global Ambassadors for incoming international students. Students will investigate the theoretical construction of culture, design and present culturally-based programs and learn to mentor international students as they transition to the United States and the University of Redlands. May repeat for credit, maximum 6 credits. CN only.

257 STEP Mentoring. Spring (0 or 2).

This course serves as an introduction to first-generation student mentoring. Over the course of the semester, students will read and discuss theories related to mentoring under-served populations. Students will develop their own understanding of mentoring while simultaneously using this knowledge to develop curriculum for Summer Bridge and STEP 2015. Prerequisite: SSRV 156. May repeat for credit, maximum 6 credits. CN only.

The following schedules list the principal expenses and regulations concerning the payment of fees for the 2015–2016 academic year. Expenses are subject to change. When such changes are made, notice will be given as far in advance as possible.

TUITION, FEES, AND EXPENSES

Tuition, per credit

B.S., Business	\$665
B.S., Management.....	\$665
M.A., Management.....	\$797
M.B.A.....	\$797
M.S., Information Technology.....	\$797
Certificate Programs	\$797
Electives for Business (undergraduate), per credit	\$665
Electives for Business (graduate), per credit	\$797

Audit, per credit

Audited courses are billed at the current per-credit rate for the degree program in which the course resides.

Independent Study Fee	\$275
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The independent study fee must be prepaid and is non-refundable. Independent study courses are billed at the current per-credit rate for the degree program in which the course resides.

International Program

Housing, per year	\$6,600
International Program fee*	\$300

*One-time fee for incoming School of Business International Students.

Repeat Courses, per credit

Repeated courses are billed at the student's per-credit program rate, provided he/she is currently enrolled in his/her core program. All other courses will be billed at the current per-credit rate for the degree program in which the course resides.

Other Fees

Textbooks

Students purchase textbooks at market price at the time of purchase.

Student Services Fee

Per course.....	\$ 30
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Transcripts

Transcript of records, each copy	\$7.25
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Transcripts are now requested online through the National Student Clearinghouse at www.getmytranscript.com

Cross-registration with Arts and Sciences

Full-time School of Business students may cross-register for one Arts and Sciences course per term as part of their degree program with the approval of their Student Services Manager, provided the course does not duplicate a School of Business offering. Classes must be at the intermediate or advanced level (courses numbered 300 through 499). Arts and Sciences add requests must be signed by the student's Student Services Manager

and the Registrar. Part-time students are subject to the same regulations applicable to full-time students.

Other Special Costs

Replacement Diploma Fee..... \$ 50

Examination for Credit in lieu of Coursework, per credit\$295

Available only to full-time students who have not previously audited or attended the course.

Matriculation Fee (not refundable) \$150

Encompasses costs incurred by the University for maintenance of students' permanent records.

Degree Completion Extension Fee

Fee must be prepaid \$350

When an extension is granted to a student for degree completion, all options for gaining earned and certified credit will remain open to the student during the time of the extension. The extension for degree completion will begin on the date of the student's originally scheduled deadline.

Payment Policies

Tuition and fees are billed course-by-course with payment due 45 days from the invoice date. All charges must be paid in full prior to the tuition due date. All remittances should be made payable to the University of Redlands.

Students with a past due balance on their University account are subject to dismissal from the University. The University will not release transcripts or a diploma until the past due balance is paid in full. Students will not be permitted to pre-register for the next term until the past due balance is paid in full. If the University is required to use third-party collections (i.e., collection agency or attorney) to collect the student account balance due, any future registration may require payment in advance.

For information regarding student and parent loan programs, please refer to the appropriate category in the Student Financial Services section of this Catalog.

Policy on Refunds

Refund policies at the University of Redlands are established in compliance with the 2008 amendments to the Higher Education Act of 1965. The University has adopted the federal refund policy guidelines as its institutional policy. Refund policies are subject to change at any time, according to federal and state regulations. When such changes are made, notice will be given as far in advance as possible. Refunds are based on the date of official withdrawal.

Students receiving federal Title IV financial aid funding may be eligible for a refund according to the federal refund guidelines. Federal regulations stipulate the allocation of refunds representing federal aid and the repayment requirements for students receiving cash disbursements of federal aid.

Official Withdrawal

A withdrawal is considered official when written notice has been provided to the Registrar's Office stating the intention of the student to discontinue the course(s) or program in which he/she is registered or when the University administratively withdraws students from courses or programs for non-attendance, financial non-payment, or academic actions. Written withdrawal notification must include the last date of attendance. The withdrawal will be considered effective as of the last date of attendance.

If a student fails to attend the first two sessions of any course, the student may be administratively dropped from the course by the University. If a student is dropped from two courses in sequence or three courses within a twelve-month period, he/she may be administratively withdrawn from the program and will be charged in accordance with the University's Refund Policy.

Returning Students

Students re-enrolling after withdrawal from the University will be charged current rates and fees based on the start date of new registration.

Denial of Admission

Students who are denied admission to a program after beginning their coursework may immediately withdraw or continue the current course. Students will be liable for 100% of the course costs for all courses completed. Course costs include per-credit tuition, matriculation fees, and related course fees. Academic credit will be received for all completed courses. A withdrawal is considered official when written notice is provided to the Registrar's Office stating the student's intention to withdraw.

PROGRAM OF STUDY CHANGES

Bachelor of Science in Management

This program was formerly the Bachelor of Arts in Management.

Master of Business Administration

Description and requirements for the Masters in Business Administration are now as follows

The Master of Business Administration (M.B.A.) provides a foundation in the core functions of business and the development of leadership and integrity, enhanced through a firm grounding in the University of Redlands' rich liberal arts tradition. Successful leaders need attributes drawn from a liberal education, especially the ability to think critically, communicate effectively, and work in teams. The Master of Business Administration program provides an academic balance through a combination of conceptual knowledge, critical thinking, and practical application in the fundamental disciplines of business and management.

The program begins with three business foundation knowledge courses that fill the gaps in knowledge a student may have in the field. Students who have recently completed an undergraduate degree in business or related field with a reasonable GPA may be permitted to waive out of those three courses. Students will then proceed through an 18-month curriculum with four graduate-level core courses to enrich themselves with broad knowledge and skills in business. Students will continue learning by selecting a specialized area of study with four in-depth knowledge emphasis courses and conclude with an integrating/culminating capstone course. The capstone course will allow students to implement and integrate prior coursework in an experiential or "real life" consulting setting to gain integrative and experiential business experience. Upon completion of the MBA program, students will be able to immediately apply the managerial knowledge, concepts, and skills learned in their career and professional roles.

Class sessions include seminars, lectures, simulations, case analyses, and small group activities. Student interaction inside and outside of the classroom is key to a successful experience. Emphasis courses are delivered in a web-enhanced format that combines in-class sessions with online activities.

Requirements

Business Foundation Knowledge

3 courses 12 credits

- BUAD 658 Accounting and Finance for Managers (4)
- BUAD 642 International Business and Marketing (4)
- BUAD 644 Business Statistics and Economics (4)

General Business Knowledge

4 courses 16 credits

- MGMT 667 Business, Ethics, and Society (4)
- MGMT 631 Management and Organizational Behavior (4)
- BUAD 683 Information and Knowledge Management (4)
- MGMT 651 Analytics for Managerial Decision-Making (4)

Specialized Area In-Depth Knowledge—Choose one area

4 courses 16 credits

Non-emphasis General MBA Specialized Area Course Sequence

- INTB 655W Global Environment for Business (4)
- BUAD 660 Managerial Finance (4)
- MGMT 680/680W Marketing Management (4)
- MGMT 674 Human Resources Management (4)

Marketing Emphasis Course Sequence

- MGMT 680/680W Marketing Management (4)
- INTB 694W Global Marketing (4)
- MGMT 683W Marketing Analytics (4)
- MGMT 694W Marketing Strategy (4)

Finance Emphasis Course Sequence

- FINC 661W Financial Markets and Institutions (4)
- BUAD 660 Managerial Finance (4)
- INTB 693W Global Finance (4)
- FINC 662W Investment Theory and Analysis (4)

Global Business Emphasis Course Sequence

- INTB 655W Global Environment of Business (4)
- INTB 694W Global Marketing (4)
- INTB 693W Global Finance (4)
- INTB 690W Global Business Operations (4)

GIS Emphasis Course Sequence

- GISB 691W GIS for Marketing (4)
- GISB 692W Spatial Analysis for Global Business (4)

- GISB 694W Contemporary Planning of Business GIS (4)
- GISB 695W Geographic Information Systems Strategy: Concepts and Implementation (4)

Integrating/Culminating Capstone

1 course. 4 credits
- BUAD 696W Interdisciplinary Integrating Capstone (4)

Master of Arts in Management

The major program consists of nine required courses totaling 36 semester credits.

General Management Knowledge

4 courses. 16 credits
- MGMT 667 Business, Ethics, and Society (4)
- MGMT 631 Management and Organizational Behavior (4)
- BUAD 610 Contexts for Contemporary Business (4)
- MGMT 661 Introduction to Analytics and Decision Making (4)

Specialized Area In-Depth Knowledge

4 courses. 16 credits
- MGMT 604 Managerial Assessment and Development (4)
- MGMT 674 Human Resources Management (4)
- MGMT 686 Organization Theory (4)
- MGMT 690 Strategy (4)

Capstone

1 course. 4 credits
- MGMT 695 Management Consulting Capstone (4)

New courses

BUSINESS ADMINISTRATION (BUAD)

642 International Business and Marketing. (4).

Examination of developments within international markets and the effects on the activities of business enterprises. Introduction to the four elements of the marketing mix (product, price, promotion, and place/distribution) in a global context with application to product and service within for-profit and not-for-profit enterprises.

644 Business Statistics and Economics. (4).

Introduction to statistics and economics essential for business decision-making. Focus on providing a solid background in statistical methods useful in data interpretation as well as micro- and macro-economic foundations influencing business decision making. Prerequisite: BUSB 145 or equivalent knowledge.

658 Accounting and Finance for Managers. (4).

Focuses on the role of accounting and finance in managerial decision making. This course explores how managers access capital, invest in resources, budget operations, and report economics events.

696W Interdisciplinary Integrating Capstone. (4).

Integrating knowledge and skills from prior coursework to analyze and solve business problems from strategic and functional perspectives. Students work in an experiential and adaptive learning environment of dynamic simulation to experience the complexity of business decision making. The simulative decision making focuses on teamwork and critical thinking in collaborative development and execution of strategic plans. This course may be substituted with INTB 695 Global Business Consultancy Capstone or BUAD 695 Business Consulting Capstone or MGMT 697W Strategy Capstone.

GEOGRAPHIC INFORMATION SYSTEMS (GISB)

694W Contemporary Planning of Business GIS. (4)

Examination and analysis of the information systems topical areas of databases, big data, mobile technologies, social media, outsourcing, and how they underpin contemporary GIS. Includes planning, design, and consulting for GIS.

INTERNATIONAL BUSINESS (INTB)

690W Global Business Operations. (4).

Advanced analysis of the causes that motivate businesses to establish operations on a global scale, the application of effective techniques to manage these activities and their financial consequences, and the integration of global operations decisions across business functions.

MANAGEMENT (MGMT)

683W Marketing Analytics. (4).

Examination of the strategic planning process with emphasis on marketing resource allocation decision driven by marketing analytics. Focus on the use of quantitative and data analysis tools to define optimal marketing mix, perform effective analysis of customers and digital marketing campaigns as well as integrate spatial thinking in decision making.

Course revisions

BUSINESS ADMINISTRATION (BUAD)

610 Contexts for Contemporary Management. (4).

Not open to students who have received credit for MGMT 610.

HUMANITIES (HUMB)

310W Interpreting Experience. (3).

Number change from 310.

GEOGRAPHIC INFORMATION SYSTEMS (GISB)

695W Geographic Information Systems Strategy: Concepts and Implementation. (4).

Number change from 693W.

INTERNATIONAL BUSINESS (INTB)

655W Global Environment for Business. (4).

Alpha change from BUAD. New description: Exploration of the theoretical and practical concepts of geopolitical and economic relations to evaluate the effects of globalization on business. Focus is on evaluating and formulating strategic responses to

diverse political, economic, and social factors regarding the risks they present for international trade and investment, resource allocation decisions, and organizational structures. This course can be substituted with INTB 670 International Area Studies. Not open to students who have received credit for INTB 693W, ISYS 680W, FINC 662W, GISB 692W, or INTB 670.

MANAGEMENT (MGMT)

631 Management and Organizational Behavior. (4).

Title changed from Management and Organizational Theory.

667 Business, Ethics, and Society. (4).

Not open to students who have received credit for MGMT 621.

651 Analytics for Managerial Decision Making. (4).

Number change from 650. Title change from Management Science and Decision Analysis. New description: Provides students with an understanding of the role analytics plays in the decision-making process. Topics include quantitative methods of managerial decision-making such as linear programming (LP), network models, transportation, assignment, transshipment, project management (PERT/CPM), inventory management, simulation, decision theory, forecasting, and supply chain management.

694W Marketing Strategy. (4).

Name change from **Marketing Strategy Capstone**. Prerequisite change: MGMT 680/680W and INTB 694W.

TUITION, FEES, AND EXPENSES

Tuition, per credit

Education

Preliminary Teaching Credential.....	\$685
M.A., Education/Credential	
Administration	\$685
Counseling.....	\$685
Clinical Mental Health	\$685
Curriculum and Instruction	\$685
Higher Education	\$685
Learning and Teaching	\$685
Education Specialist.....	\$634

Services Credential Program

Pupil Personnel Services	\$685
Preliminary Administrative Services	\$685
Professional Administrative Services.....	\$685

Professional Development, Induction Programs

Master's Level.....	\$685
Non-Master's level, per course.....	\$685
Doctorate.....	\$995

Audit, per credit

Audited courses are billed at the current per-credit rate for the degree program in which the course resides.

Repeat Courses, per credit

Repeated courses are billed at the student's per-credit program rate, provided he or she is currently enrolled in his or her core program. All other courses will be billed at the current per-credit rate for the degree program in which the course resides.

Fees

Examination for credit in lieu of course

per credit	\$295
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Available only to full-time students who have not previously audited or attended the course.

Matriculation Fee (not refundable) \$150

Encompasses costs incurred by the University for maintenance of students' permanent records.

Degree Completion Extension

Degree completion extension Fee	\$350
<i>(Fee must be prepaid)</i>	

When an extension is granted to a student for degree completion, all options for gaining earned and certified credit will remain open to the student during the time of the extension. The extension for degree completion will begin on the date of the student's originally scheduled deadline.

Dissertation Extension Fee.....	\$995
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If a doctoral candidate is unable to successfully defend his or her dissertation and successful defense of the dissertation within the last trimester of the program, a fee equivalent to 1 credit of tuition will be charged for each trimester required to complete the dissertation and defense. The candidate will be required to enroll in EDUC 862 *Dissertation Writing Extension* for each trimester required until completion of the dissertation and defense. The dissertation extension will be supervised by the candidate's dissertation faculty chair.

Other costs

Late fee (first occurrence)	\$ 90
Placement File Fee (alumni).....	\$ 40
Placement File Fee (current students)	\$ 20
Replacement Diploma Fee.....	\$ 50
Thesis fee.....	\$ 50

Transcripts of records, each copy..... \$ 7.25

Transcripts are now requested online through the National Student Clearinghouse at www.getmytranscript.com.

Cross-Registration with Arts and Sciences

Full-time School of Education students may cross-register for one Arts and Sciences course per term as part of their degree program with the approval of their academic advisor, provided the course does not duplicate a School of Education offering. Classes must be at the intermediate or advanced level. Arts and Sciences add requests must be signed by the student's academic advisor and the Registrar. Part-time students are subject to the same regulations applicable to full-time students.

Payment Policy

Tuition and fees are billed course-by-course, with payment due 45 days from the invoice date. All charges must be paid in full prior to the tuition due date. All remittances should be made payable to the University of Redlands.

Students with a past due balance on their University account are subject to dismissal from the University. The University will not release transcripts or a diploma until the past due balance is paid in full.

Students will not be permitted to pre-register for the next term until the past due balance is paid in full.

If the University is required to use third-party collections (i.e., collection agency or attorney) to collect the student account balance due, any future registration may require payment in advance.

For information regarding student and parent loan programs, please refer to the appropriate category in the Student Financial Services section of this Catalog.

Policy on Refunds

Refund policies at the University of Redlands are established in compliance with the 2008 amendments to the Higher Education Act of 1965. The University has adopted the federal refund policy guidelines as its institutional policy. Refund policies are subject to change at any time, according to federal and state regulations. When such changes are made, notice will be given as far in advance as possible. Refunds are based on the date of official withdrawal.

Students receiving federal Title IV financial aid funding may be eligible for a refund according to the federal refund guidelines. Federal regulations stipulate the allocation

of refunds representing federal aid and the repayment requirements for students receiving cash disbursements of federal aid.

Official Withdrawal

A withdrawal is considered official when written notice has been provided to the Registrar's Office stating the intention of the student to discontinue the course(s) or program in which he or she is registered or the University administratively withdraws students from courses or programs for non-attendance, financial non-payment, or academic actions. Written withdrawal notification must include the last date of attendance. The withdrawal will be considered effective as of the last date of attendance.

If a student fails to attend the first two sessions of any course, the student may be administratively dropped by the University from the course. If a student is dropped from two courses in sequence or three courses within a twelve-month period, he or she may be administratively withdrawn from the program and will be charged in accordance with the University's Refund Policy.

Returning Students

Students re-enrolling after withdrawal from the University will be charged current rates and fees based on the start date of new registration.

Denial of Admission

Students who are denied admission to a program after beginning their coursework may immediately withdraw or continue the current course. Students will be liable for 100% of the course costs for all courses completed. Course costs include per-credit tuition, matriculation fees, and related course fees. Academic credit will be received for all completed courses. A withdrawal is considered official when written notice is provided to the Registrar's Office stating the student's intention to withdraw.

Tuition Liability and Refund Schedule

A Program Withdrawal form or a letter of withdrawal must be sent to the Registrar's Office to withdraw officially from the program. The matriculation fee is non-refundable.

Admissions

Preliminary Teacher Credential

Preliminary Teacher Credential Admission Requirements found on page 337 of the 2014-2016 Catalog, third bullet point should read: Official transcript with evidence of an undergraduate degree from a regionally-accredited institution with a 2.75 or higher GPA sent directly to the School of Education.

Remove Review Committee.

Admissions Requirements

Essay requirement is removed. A personal statement is required. See your Student Services Manager for more information.

Doctorate Program Applicants

Letter of recommendation requirement changed from 3 letters of recommendation to 2 letters of recommendation.

Academic Standards

Transfer Credit

Transfer credit acceptability is determined after admission by School of Education faculty during the admissions process. Program requirements may be waived only when the course content equates to a University of Redlands course and when obsolescence is not a factor. No course that has been completed more than six years (Doctoral students are subject to ten years) before the anticipated date of graduation shall be counted toward University of Redlands programs.

Undergraduate

College of Arts and Sciences students who enroll in the Master of Arts in Education: Learning and Teaching (MALT) program may transfer a maximum of 15 credits of course-work spanning the EDUG 401–409 sequence, excluding any of the EDUG 400A–D field-work courses. Only courses with a grade of 2.0 or higher will transfer and the student's cumulative GPA must meet the minimum requirement of 2.75 at the time of application to the MALT program.

Credential-seeking

Students seeking a service credential may transfer a maximum of 6 credits, grade B or higher required, from regionally accredited institutions to waive program requirements.

Graduate

School of Education graduate students may transfer a maximum of 6 credits, grade 3.0 or higher required, from regionally-accredited institutions to waive program requirements.

Upon admission to the program, students will be assigned an academic advisor who will review the curricular, experiential, preparational, and professional requirements of the program. Students meet with their advisor several times throughout the program.

Course Adds/Drops

Students in the School of Education who wish to add/drop a course must do so in writing. Additionally, students should discuss their schedule changes with their academic advisor. Course changes will be reflected in the student's academic advising worksheet. Students should complete a Course Registration Request (CRR) and submit it to their academic advisor. The effective drop date is the date the completed CRR is received. For course drops, the CRR must be submitted by the drop deadline. The course drop deadline for 5-week courses is Monday of the second week. The course drop deadline for 12-week courses is Monday of the third week. Students who do not drop a course by the deadline will be charged for the entire course. The student is responsible for obtaining refunds of tuition and/or charges, which are calculated according to the tuition refund schedule located in the appropriate Tuition and Fees section of this Catalog. The student will receive a grade of "W" on their transcript. Should a student miss the first 2 sessions of a course without notifying his or her instructor, he or she may be automatically dropped from the course without penalty. If a student is dropped from two courses in sequence, or three courses within a twelve-month period of matriculation, he or she may be administratively withdrawn from the program. To return to the program, the student will need to apply for readmission.

Official Withdrawal or Leave of Absence

A student who needs or desires to take a Withdrawal (WDPR) or take a Leave of Absence (LOA) from the University of Redlands must schedule an appointment with their Academic Advisor and complete an exit interview. A WDPR or LOA is considered official once the student gives notification of their intent and the Request Form has been submitted by the student. The Request Form will state the intentions of the student to discontinue the course(s) in which he/she is registered and the effective date the WDPR or LOA will be implemented, which is then recorded by the Registrar's Office. During a student's leave of absence, the University maintains all of his or her official records on an active basis. Students returning from a leave of absence of one year or less are not required to be formally readmitted. Students will be expected to fulfill the graduation requirements in effect at the date of their original matriculation. Students who do not return from a leave of absence within one year are withdrawn from the University. To return, they must be formally readmitted and must comply with the current catalog requirements.

Readmission

Students seeking readmission to the University after an absence of more than one year must meet the admission and program requirements at the time of readmission.

Students must apply for readmission and be approved by the Departmental Admissions Committee. Application and deadlines for readmission can be found at www.redlands.edu/academics/school-of-education/14240.aspx. Readmitted students will be charged the tuition rate currently in effect. A student's account must be current at the time of readmission.

Prerequisite Courses

For admission to a course that requires a prerequisite, a student must have satisfactorily completed a prerequisite course with a grade of 2.0 or higher.

Awards and Honors

Dorothy D. Arthur Endowed Scholarship

Established by Mildred Naslund '45 in honor of her dear friend Dorothy (Dottie) '43, this award is presented to a Preliminary Teacher Credential candidate with a strong commitment to education as a profession and the potential to become an outstanding classroom teacher. Miss Arthur had a 42-year career as an elementary teacher in her hometown of Redlands. She is thrilled to know that future generations of aspiring teachers will be supported in their educational endeavors through this award.

Dorothy Inghram Endowed Education Scholarship

Presented annually to a graduate student who shares Miss Inghram's passion for educational justice.

Lois Fair Wilson Endowed Education Scholarship

Established by Mildred Naslund '45 in honor of her dear friend Lois '45, this award is presented to a Preliminary Teacher Credential candidate with a strong commitment to education as a profession and the potential to become an outstanding classroom teacher. Mrs. Wilson had a long career as a teacher and administrator. She received a doctorate in education in 1972 and has served on the education faculty of several institutions, including the University of Redlands and Stanford University. This award serves as a tribute to Mrs. Wilson's mission of service and dedication to lifelong learning.

Nelson W. Burdett Endowed Graduate Scholarship

Presented annually to an Undergraduate OR Post-Baccalaureate preliminary or secondary Teacher Credential candidate who demonstrates a strong commitment to education and the potential to become an outstanding educator.

Stanley Combs Secondary Teaching Award

Presented annually to a Post-Baccalaureate candidate in a single subject teacher credential program who best exemplifies the moral and spiritual qualities, poise, humility and professional attitude characteristic of a good teacher.

Adjunct Faculty Excellence In Teaching Award (Graduate Department of Leadership and Counseling, and Teaching & Learning Department)

This award is given annually to an adjunct faculty member in each department who has significantly contributed to the School of Education as both a highly effective teacher and a collaborative colleague.

Outstanding student awards from every program are presented to candidates who excel in the academic requirements of the program, emerge as leaders in their cohort group, and are deeply committed.

PROGRAM OF STUDY CHANGES

Master of Arts in Education

Curriculum and Instruction Language and Culture

Program description: The Curriculum and Instruction Language and Culture program is designed for classroom teachers and education professionals who want to enhance their teaching effectiveness in connection with language and culture. In addition to the core and required courses, students choose four elective courses with the advice of the Program Chair to complete the 36 required credits.

Master of Arts in Education Educational Administration

Add to program requirements: Candidates employed as administrative interns may be waived from EDUC 678A and EDUC 678B but must enroll in EDUC 679 during each term of the internship.

Doctorate in Leadership for Educational Justice

Program Requirements

The entire program comprises 60 semester credits of advanced graduate work taken over three years. The core requirements include 48 credits of coursework. In addition, candidates will complete 12 credits of discipline-specific electives for the Ed.D. program. Students can satisfy their electives with master's or higher level coursework in their area of study completed at an accredited institution and with advisor approval. Students can satisfy up to 6 credits as electives with master's or higher level coursework in their area of study from advanced graduate work at the University of Redlands or transferred from another accredited institution. Coursework must have been completed within 10 years of program completion date. Please refer to the Ed.D. Handbook for additional information and requirements

New Courses:

EDUC

820 Culture and Globalization on Contemporary Educational Issues. (2).

Explore, examine, and understand current issues related to culture and globalization utilizing socially-situated theoretical perspectives in framing approaches to curriculum, instruction, and assessment. Study major developments and implications associated with globalization and culture that are shaping education.

**821 Culture and Globalization on Contemporary Educational Issues:
Academic Field Trip. (1).**

Exposure to international themes in the study of culture, globalization, and education. The course will culminate in a reflective, personal journal-type conceptual paper or in a comprehensive research paper that covers international themes related to culture, globalization, and educational justice.

New Courses

ART (ARTCS)

105 Introduction to Media Design. (4)

Overview of what goes into the visual inception, creation and design of a brand's identity, with the primary objective being a comprehension of fundamental graphic design. By understanding distinctions of graphic design, a rational creative process can be derived to make sound visual decisions for a brand's identity solution.

131 Drawing. (4)

This is an introductory studio course that focuses on traditional techniques, materials and processes of drawing. Through the basic observation of still life, landscape, and portraiture, the student will learn how the elements and principles of design can be developed in their own drawings to promote personal expression and understanding. Emphasis is placed on composition, mark making, and interpretative drawing.

155 Introduction to Printmaking. (4)

This course is an introduction to the basic strategies and techniques of lithographic, intaglio, serigraphic, and relief processes. Emphasis is on development of imagery and introduction to understanding command of print processes.

233 Painting. (4)

Introduction to the materials and techniques of painting. Emphasis is placed on color, mixing and modifying paints, surface, composition, and the history of the medium.

265 Creative Photography. (4)

Introduction to the technical and conceptual practice of photography and photographic image making for artistic purposes. Using a smart phone camera, students will produce original work in response to a series of lectures, online discussions, readings, and assignments.

267 Introduction to Digital Media. (4)

Studio art course that uses the computer as a tool to create visual images and implement design solutions based in the fundamentals of 2D design and principles of color theory. Topics include composition, color typography, illustration, concept and context, and critical thinking for artistic and commercial applications.

COMMUNICATIVE DISORDERS (CDISCS)

204 Speech and Hearing Science. (4)

Review of the acoustics of sound and the perceptual characteristics of speech. Research and laboratory techniques used in speech and hearing science.

206 Functional Anatomy/Physiology of Communication. (4)

Functional anatomy and physiology of speech, swallow and language mechanisms. Emphasis on how an understanding of head and neck physiology/anatomy impacts clinical diagnosis and management of communication/swallowing disorders.

MUSIC (MUSCS)

120 Digital Audio Production. (3)

This course provides students with experience in digital editing using computers and software.

121 Intermediate Digital Audio Production Using Pro Tools. (3).

This serves as the second course in the training curriculum targeting User Certification. The 100-level coursework prepares students to operate a Pro Tools system in an

independent production environment. Following completion of the User Certification coursework and certification exam, students can proceed to the 200-level courses to pursue Operator Certification.

130 Introduction to Jazz History (4)

History of jazz, including its origins, the musical characteristics of major styles, and the leadership during key periods. Emphasis on developing critical listening skills, the contributions of specific cultures and individuals, and understanding commercial, technological, political, and social influences on the evolution of styles.

RELIGION (RELCS)

189 Religion and Popular Culture. (4)

This course analyzes the interconnectedness of religion and popular culture and what it can tell us about the nature of religion in America.

Course revisions

PROJECT MANAGEMENT CERTIFICATE (PMCS)

303 Project Quality and Risk Management

Title changed from: Project Quality Assurance and Risk Management.

UNIVERSITY OF
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