

# **General Catalog**

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**JUNE 2020 ADDENDUM**

# Departments and Programs

## **Jordan College of Agricultural Sciences and Technology**

Agricultural Business  
Animal Sciences and Agricultural Education  
Food Science and Nutrition  
Industrial Technology  
Plant Science  
Viticulture and Enology

## **College of Arts and Humanities**

Armenian Studies  
Art and Design  
Communication  
English  
Humanities  
Linguistics  
Media, Communications, and Journalism  
Modern and Classical Languages and Literatures  
Music  
Philosophy  
Theatre Arts

## **The Craig School of Business**

Accountancy  
Aerospace Studies  
Economics  
Finance and Business Law  
Information Systems and Decision Sciences  
Management  
Marketing and Logistics  
Military Science

## **Kremen School of Education and Human Development**

Counselor Education & Rehabilitation  
Curriculum & Instruction  
Educational Leadership  
Liberal Studies  
Literacy, Early, Bilingual & Special Education

## **Lyles College of Engineering**

Civil and Geomatics Engineering  
Construction Management  
Electrical and Computer Engineering  
Mechanical Engineering

## **College of Health and Human Services**

Communicative Sciences and Deaf Studies  
Gerontology  
Kinesiology  
Nursing  
Physical Therapy  
Public Health  
Recreation Administration  
Social Work Education

## **College of Science and Mathematics**

Biology  
Chemistry  
Computer Science  
Earth and Environmental Sciences  
Mathematics  
Physics  
Psychology

## **College of Social Sciences**

Africana Studies  
Anthropology  
Chicano and Latin American Studies  
Child and Family Science  
Criminology  
Geography and City and Regional Planning  
History  
Political Science  
Sociology  
Women's, Gender, and Sexuality Studies

## BACHELOR'S DEGREES

### Recreation Administration - Community Recreation & Youth Services Emphasis, B.S.

#### Bachelor of Arts Degree Requirements

##### Recreation Administration Major

#### 1. Major requirements (65-67 units)

The following core program courses are required of all candidates for this degree. Additional required courses dependent upon the selected emphasis area.

##### Courses

RA 55, 60, 73S, 77S, 80, 101, 125, 128, 179, 180 (27 units)

##### Emphasis (38-40 units)

- Community Recreation and Youth Services Emphasis Area

Complete RA 113, 117, 121, 133, 135 or MKTG 100S, RA 139 and 184I (30-31 units)

Select from the following: RA 106, 146; REC 74, 75; CFS 39, 136; CRIM 120; EHD 107; GERON 10S, 140; KINES 32; MCJ 106, 152S; MGT 133S; PLSI 163; PSYCH 102; SSCI 150T (150T repeatable up to 2 units) (8-9 units)

#### 2. General Education requirements (49 units)

#### 3. Other requirements (6 units)

Upper-division writing and Multicultural and International (MI)

#### 4. Sufficient elective units to meet required total units (varies)

#### 5. Total units (120)\*

\* G.E. and MI courses can be double-counted with major requirements. The writing requirement may be met by taking the upper-division writing exam. Consult the department chair or faculty advisor for additional details.

#### Advising Notes

1. CR/NC grading is not permitted in the recreation administration major with the exceptions of REC 74, 75, 82, 83, 84, 86, 87, 88; RA 115, and 192T.
2. General Education and elective units may be used toward a minor (see departmental minor below). Consult the appropriate department chair, program coordinator, or faculty advisor for further information
3. Students who must complete a course to fulfill the Upper-Division Writing Skills requirement are advised to take HHS 116W.
4. All Recreation Administration courses used in the major must be completed with a grade of C or higher.

### Recreation Administration - Outdoor Recreation and Natural Resource Management Emphasis, B.S.

#### Bachelor of Arts Degree Requirements

##### Recreation Administration Major

#### 1. Major requirements (70-71 units)

The following core program courses are required of all candidates for this degree. Additional required courses dependent upon the selected emphasis area.

##### Courses (27 units)

RA 55, 60, 73S, 77S, 80, 101, 125, 128, 179, 180

### **Emphasis (43-44 units)**

- Outdoor Recreation and Natural Resource Management Emphasis Area  
Complete RA 131, 133, 135 or MKTG 100S, RA 139, 146, 184I, and 145; REC 82 and 87 (32-33 units)  
Select 11 units from the following: COUN 174; ENTR 81; GEOG 135, 139T; EES 3; PH 48; KINES 122;  
RA 106, 113, 130, 192T ; REC 74, 75, 83, 84, 86, 88

### **2. General Education requirements (49 units)**

### **3. Other requirements (6 units)**

Upper-division writing and Multicultural and International (MI)

### **4. Sufficient elective units to meet required total units (varies)**

### **5. Total units (120)\***

\* G.E. and MI courses can be double-counted with major requirements. The writing requirement may be met by taking the upper-division writing exam. Consult the department chair or faculty advisor for additional details.

### **Advising Notes**

1. CR/NC grading is not permitted in the recreation administration major with the exceptions of REC 74, 75, 82, 83, 84, 86, 87, 88; RA 115, and 192T.
2. General Education and elective units may be used toward a minor (see departmental minor below). Consult the appropriate department chair, program coordinator, or faculty advisor for further information.
3. Students who must complete a course to fulfill the Upper-Division Writing Skills requirement are advised to take HHS 116W.
4. All Recreation Administration courses used in the major must be completed with a grade of C or higher.

## **Recreation Administration - Recreation Therapy Emphasis, B.S.**

### **Bachelor of Arts Degree Requirements**

#### **Recreation Administration Major**

### **1. Major requirements (68 units)**

The following core program courses are required of all candidates for this degree. Additional required courses dependent upon the selected emphasis area.

#### **Courses**

RA 55, 60, 73S, 77S, 80, 101, 125, 128, 179, 180 (27 units)

### **Emphasis (41 units)**

- Recreation Therapy Emphasis Area  
RA 142, 144A, 144B, 148, 149, 184; BIOL 33; PSYCH 66; CFS 38 (38 units)  
Select from the following: PSYCH 101, 102; COUN 174; CFS 131, 136; CRIM 100, 120; SOC 143, 147, 168;  
GERON 103, 132, 161; PHTH 105 (3 units)

### **2. General Education requirements (49 units)**

### **3. Other requirements (6 units)**

Upper-division writing and Multicultural and International (MI)

### **4. Sufficient elective units to meet required total units (varies)**

### **5. Total units (120)\***

\* G.E. and MI courses can be double-counted with major requirements. The writing requirement may be met by taking the upper-division writing exam. Consult the department chair or faculty advisor for additional details.

### Advising Notes

1. CR/NC grading is not permitted in the recreation administration major with the exceptions of REC 74, 75, 82, 83, 84, 86, 87, 88; RA 115, and 192T.
2. General Education and elective units may be used toward a minor (see departmental minor below). Consult the appropriate department chair, program coordinator, or faculty advisor for further information.
3. Students who must complete a course to fulfill the Upper-Division Writing Skills requirement are advised to take HHS 116W.
4. All Recreation Administration courses used in the major must be completed with a grade of C or higher.

## Recreation Administration - Special Events & Tourism Emphasis, B.S.

### Bachelor of Arts Degree Requirements

#### Recreation Administration Major

##### 1. Major requirements (65-66 units)

The following core program courses are required of all candidates for this degree. Additional required courses dependent upon the selected emphasis area.

##### Courses

RA 55, 60, 73S, 77S, 80, 101, 125, 128, 179, 180 (27 units)

Emphasis (38-39 units)

- Special Events and Tourism Emphasis Area

Complete RA 117, 130, 131, 133, 135 or MKTG 100S, RA 139, 184I, and ACCT 3 or 4A (33-34 units)

Select from the following: BA 18; COMM 103; ENTR 81; MCJ 106, 142, 152S; RA 119, 146, 150, 192T; REC 74 (5 units)

##### 2. General Education requirements (49 units)

##### 3. Other requirements (6 units)

Upper-division writing and Multicultural and International (MI)

##### 4. Sufficient elective units to meet required total units (varies)

##### 5. Total units (120)\*

\* G.E. and MI courses can be double-counted with major requirements. The writing requirement may be met by taking the upper-division writing exam. Consult the department chair or faculty advisor for additional details.

### Advising Notes

1. CR/NC grading is not permitted in the recreation administration major with the exceptions of REC 74, 75, 82, 83, 84, 86, 87, 88; RA 115, and 192T.
2. General Education and elective units may be used toward a minor (see departmental minor below). Consult the appropriate department chair, program coordinator, or faculty advisor for further information.
3. Students who must complete a course to fulfill the Upper-Division Writing Skills requirement are advised to take HHS 116W.
4. All Recreation Administration courses used in the major must be completed with a grade of C or higher.

# Recreation Administration - Sports & Entertainment Facility Management Emphasis, B.S.

## Bachelor of Arts Degree Requirements

### Recreation Administration Major

#### 1. Major requirements (67-69 units)

The following core program courses are required of all candidates for this degree. Additional required courses dependent upon the selected emphasis area.

#### Courses

RA 55, 60, 73S, 77S, 80, 101, 125, 128, 179, 180 (27 units)

#### Emphasis (40-42 units)

- Sports and Entertainment Facility Management Emphasis Area  
Complete RA 117, 133, 135 or MKTG 100S; RA 139, 150, 152, 154, and 184I; ACCT 3 or ACCT 4A (37-38 units)  
Select from the following: BA 18; COMM 103; PH 143; MCJ 106, 152S; MKTG 150; RA 119 (3-4 units)

#### 2. General Education requirements (49 units)

#### 3. Other requirements (6 units)

Upper-division writing and Multicultural and International (MI)

#### 4. Sufficient elective units to meet required total units (varies)

#### 5. Total units (120)\*

\* G.E. and MI courses can be double-counted with major requirements. The writing requirement may be met by taking the upper-division writing exam. Consult the department chair or faculty advisor for additional details.

### Advising Notes

1. CR/NC grading is not permitted in the recreation administration major with the exceptions of REC 74, 75, 82, 83, 84, 86, 87, 88; RA 115, and 192T.
2. General Education and elective units may be used toward a minor (see departmental minor below). Consult the appropriate department chair, program coordinator, or faculty advisor for further information.
3. Students who must complete a course to fulfill the Upper-Division Writing Skills requirement are advised to take HHS 116W.
4. All Recreation Administration courses used in the major must be completed with a grade of C or higher.

# Theatre Arts - Theatre Education Option, B.A.

## Bachelor of Arts Degree Requirements

### Theatre Arts, Theatre Education Option

The theatre arts major, dance major, and minors are designed to provide competencies in theatre and dance for students who intend to pursue study beyond the Bachelor of Arts degree, who are preparing for careers in teaching or for the professional performing arts. With the assistance of their advisors and with departmental approval, students follow a track of advanced courses specializing in the areas of Acting or Design/Technology or Theatre Education, or students may opt for advanced courses covering a broad range of study by selecting the General track. The Dance program offers intensive studies in dance performance, choreography, and theory.

#### Theatre Arts Major

#### 1. Major requirements (59 units)

(See note 1)

Core: DRAMA 10, 33, 34, 110, 139, 163, 185, 186 (24 units)

Production: DRAMA 115 (8 units)

**Emphasis (27 units)**

*Theatre Education*

DRAMA 137

DRAMA 138A

Select 3 units from the following course grouping:

Group 1: DANCE 160; DRAMA 136S, 138B (3 units)

Select 9 units from the following course grouping:

Group 2: DRAMA 41, 134A, 134B, 155, 180A, 180B, 181A, 181B, 182A, 182B (9 units)

Select 3 units from the following course grouping:

Group 3: DRAMA 108, 187, 188T with advisor consent (3 units)

Approved electives: DRAMA 115, 179, and 89/189 excluded (See note 2) (6 units)

**2. General Education requirements (49 units)**

**3. Other requirements (6 units)**

Upper-division writing and Multicultural and International (MI)

**4. Sufficient elective units to meet required total units (varies)**

**5. Total (120 units)\***

\* G.E. and MI courses can be double-counted with major requirements. The writing requirement may be met by taking the upper-division writing exam. See advisor for details.

**Advising Notes**

1. New majors must enroll in DRAMA 10 (fall) and acting emphasis students must enroll in DANCE 20 (spring) during their first year in the program.
2. Students must meet with their advisor each semester for program approval.
3. CR/NC grading is not permitted in the theatre arts major.

## MASTER'S DEGREES

### Construction Management, M.S.

#### Program Description

The M.S. in Construction Management program provides the technical competencies, financial knowledge, and entrepreneurial skills that are essential to today's leaders in the construction industry.

The program is designed for recent college graduates as well as working professionals with architecture, engineering, construction (AEC), business or related backgrounds.

It aims to prepare graduates to (a) fill upper management positions in the AEC industry; or (b) pursue Ph.D. studies in construction related fields, and eventually fill teaching and/or research positions in colleges and universities.

The program requires the completion of 30 semester units of coursework and a culminating experience following one of the three study plans below:

**Plan A (Thesis)**



- a. General core courses: CE 210; MBA 210; CM 220, 230, 240 (15 units)
  - b. CM Electives: two from CM 144, 150, 151, 177, 291T (6 units)
  - c. Elective outside CM: one from CE 206; FIN 120, 123, 131, 186; MBA 212, 213, 232 (3 units)
  - d. CM 299 Thesis (6 units)
- Total (30 units)**

#### **Plan B (Project)**

- a. General core courses: CE 210; MBA 210; CM 220, 230, 240 (15 units)
  - b. CM Electives: two from CM 144, 150, 151, 177, 291T (6 units)
  - c. Elective outside CM: one from CE 206; FIN 120, 123, 131, 186; MBA 212, 213, 232 (3 units)
  - d. One from CM 290 and CM 293 (3 units)
  - e. CM 298 Project (3 units)
- Total (30 units)**

#### **Plan C (Comprehensive Exam)**

- a. General core courses: CE 210; MBA 210; CM 220, 230, 240 (15 units)
  - b. CM Electives: two from CM 144, 150, 151, 177, 291T (6 units)
  - c. Elective outside CM: one from CE 206; FIN 120, 123, 131, 186; MBA 212, 213, 232 (3 units)
  - d. CM 290 and/or CM 293 (6 units)
  - e. Comprehensive Exam (0 units)
- Total (30 units)**

### **Advising Notes**

1. Courses that are not listed here but are well suited to the student's graduate program may be taken as electives upon approval by the supervising faculty and Graduate Program Coordinator.
2. For electives, a minimum grade of B is required. Similar courses previously taken and counted towards another degree are excluded.

Below is a summary of all required courses for graduation including electives. Students without a bachelor's degree, a minor, or a certificate in construction management are required to complete the foundation CM courses (i.e. CM 7S, 18, 20, 110, 116, 170) before taking the following courses.

**Summary of Courses:** CE 210, MBA 210, CM 220, CM 230, CM 240, CM 144, CM 150, CM 151, CM 177, CM 291T, CE 206, FIN 120, FIN 123, FIN 131, FIN 186, MBA 212, MBA 213, MBA 232, CM 290, CM 293, CM 298, CM 299, Comprehensive Exam

**Admission:** The requirements for graduate admission to California State University, Fresno must be met. Graduate Record Examination (GRE) scores must be received by the application deadline for International Student applicants and within 30 days after the application deadline for Domestic Student applicants. A score of 300 or better is highly recommended. Applicants must have completed College Algebra, Trigonometry, and general statistics, or equivalent level math courses. Also, applicants should possess a bachelor's degree in construction management from an accredited program; or a bachelor's degree in a related field from an accredited program with a minor or a certificate in construction management. Applicants must have a minimum overall GPA of 2.8 in their undergraduate education AND a minimum GPA of 3.0 in the construction management related courses attempted, on the basis of 4.0 being A; or the approval of the Graduate Committee of the Department of Construction Management. In addition, applicants also need to submit the following: (a) a personal statement explaining their motivation for pursuing the MSCM degree, (b) a resume detailing their professional and academic achievements, and (c) two letters of recommendation.

International applicants should also refer to the International Student Services and Programs (ISSP) for further graduate admission requirements: <http://fresnostate.edu/academics/issp/future/graduate.html>.

If an applicant's preparation is deemed insufficient by the Graduate Committee of the Department of Construction Management, the applicant is required to take additional courses which are specified in writing to remove the deficiency. Such courses, taken as an unclassified student, are in addition to the minimum of 30 semester hours credit for the MSCM degree. The department graduate program coordinator shall appoint an interim graduate adviser for each student when that student is accepted into the graduate program. The coordinator will take into account student interests and correlated faculty interests when making this appointment.

**Foundation Courses:** Students without a bachelor's degree, a minor, or a certificate in construction management are required to complete the following foundation CM courses prior to entering the MSCM program: CM 7S, 18, 20, 110, 116, 170.

Please also note that ACCT 4A is highly recommended as it is the prerequisite for several business electives included in the MSCM curriculum.

In some cases the course requirements may be modified or waived by the Graduate Program Coordinator or the senior faculty responsible for the course area of study.

**Criteria for student continuation:** Students should select a graduate adviser before completing 9 units of graduate study and advancing

to candidacy. Other members of his or her graduate committee shall be selected in consultation with the graduate adviser if the student has selected Plan A. This committee shall consist of a total of three members, two of whom must be tenured/tenure track faculty.

A graduate student may change graduate advisers. He or she needs to fill out a form and has it signed by the advisers and the department Graduate Coordinator.

A student must pass CE 210 with a grade of B or higher and satisfactorily complete a written examination (typically administered in CE 210) before being eligible for Advancement to Candidacy: this satisfies both the university's graduate writing requirement and demonstrates the student has sufficient technical proficiency to continue in the program.

Any semester for which the grade point average falls below 3.0 shall result in placing the affected graduate student on probation. A second offense shall lead to disqualification. For additional information, please refer to the Division of Research and Graduate Studies, Administrative Academic Probation, Academic Disqualification.

A student can take the comprehensive exam no more than three times.

## **Linguistics - TESOL / SLAT (Second Language Acquisition & Teaching), M.A.**

### **Graduate Program**

The Department of Linguistics offers an M.A. in Linguistics with an option in General Linguistics and an M.A. in Linguistics with an option in Teaching English to Speakers of Other Languages. At California State University, Fresno, students may also get a Master of Science in Interdisciplinary Studies with a focus on Computational Linguistics or Cognitive Science. Department faculty will assist students in planning such a program. For specific requirements, see Degree Requirements below; for general requirements see Division of Research and Graduate Studies.

The Master of Arts degree program in Linguistics assumes a baccalaureate degree major in an appropriate field and at least three upper-division courses in linguistics as prerequisites. Graduate students are required to complete at least 30 units of courses with a minimum of 21 units of graduate level courses, and to pass a comprehensive examination or complete a thesis.

**Graduate Level Writing Competence.** Students who are conditionally classified may be required to take the Undergraduate Writing Exam as a condition for classification. California State University, Fresno requires that students have graduate level writing abilities before being advanced to candidacy for the M.A. Students demonstrate these abilities by passing the Qualifying Examination.

**Qualifying Examination.** The Department of Linguistics requires that students pass a qualifying examination on general linguistics before being advanced to candidacy for the M.A. The examination consists of essay questions on linguistic topics and is given once each semester. A student who does not pass on the first attempt may petition to receive a second opportunity, but this will only be granted in extraordinary circumstances.

### **Master of Arts Degree Requirements**

Students who do not already have a sufficient background in linguistics need to take upper-division linguistics courses to attain classified standing in the department. These include LING 100, 139, 142, 143, 148, 165, (all students) and 141 and 171I (TESOL students).

The graduate program consists of at least 30 units, 21 of which must be 200-level courses. Note the following requirements:

#### **TESOL Option**

Core: LING 239, 242, 243, 248, 265 (15 units)

Required: LING 236, 237, 241, 244 (12 units)

Electives: (3 units) One additional course is required for TESL option students selecting the Comprehensive Exam.

All students select one of the following culminating experiences:

A. Thesis: LING 299A-B (6 units)

B. Comprehensive Exam

Highly recommended electives are LING 151 and LING 145 and LING 165. Highly recommended electives for TESL students are LING 132 and 148.

Upon examination of the student's record other courses will be specified to produce a coherent program.

## Master of Social Work Degree Requirements

Beginning in the Fall 2020 semester, in the 60-unit program all students are required to take the following courses: SWRK 200, 210, 211, 212, 213, 220, 221, 222, 223, 248, 262, 263, 280I, 281I, 282I, 283I, and 292, in addition to completing a project (298) or a thesis (299), and take one of the three following combinations of classes (SWRK 264 and 265; 274 and 275; 278 and 288) for a total of 54 units. The remaining 6 units may be selected from social work electives. Electives from other departments must be approved by the graduate coordinator.

### Admissions Procedures

To apply for graduate study in the Department of Social Work Education, you need to apply to the university and to the department by completing the steps described below. Our deadline for application may differ from the University deadline; visit our MSW website <http://www.fresnostate.edu/chhs/social-work/masters/index.html> or contact the department office at 559.278.3992 for the current application deadline.

#### Step 1: Apply to the University

- (a) Submit your application online via Cal State Apply at <https://www2.calstate.edu/apply>
- (b) Follow all steps on Cal State Apply.

#### Step 2: Application to the Department

The MSW application is included in the Cal State Apply application. Again, follow the directions on the Cal State Apply website and it is strongly encouraged to begin the application early. The completed online application is due January 31, 2020 and includes the following:

- (a) Department application (included in the Cal State Apply application).
- (b) Two recommendation references. References are submitted via the Cal State Apply application.
- (c) Personal Statement submitted as part of the Cal State Apply application.

(For more details, visit the department website at <http://www.fresnostate.edu/chhs/social-work/masters/requirements.html>.) and Cal State Apply <https://www2.calstate.edu/apply> .

If you have any questions regarding submitting your application, please contact the Graduate Admissions office at Fresno State: <http://fresnostate.edu/studentaffairs/are/contact-us/contact-admissions.html>

### Graduate-Level Writing Requirement

The graduate writing requirement for the Master of Social Work is satisfied by passing a writing exam administered during the first semester of graduate coursework. The student must pass the writing exam as a prerequisite to advancement to candidacy. For more information about the writing requirement and the appeal process, refer to the Graduate Handbook. The Graduate Handbook is available at the Department of Social Work Education website. (<http://www.fresnostate.edu/chhs/social-work/>)

### Master of Social Work

This program is designed to prepare students for advanced social work practice as social work practitioners who are capable of intervening at the individual, family, group, organization, and community levels. Students achieve competence in problem identification, assessment, development of intervention plans, and evaluation of practice. Students build cross-cultural awareness and learn to use empowerment and social justice perspectives when making interventions with client systems of various sizes.

Students complete a total of 60 units of graduate work that includes two years of supervised internship with participating agencies in the community, and completion of a master's project or thesis. The project or thesis can focus on examination of social problems or the development of intervention strategies for the purpose of building upon the profession's knowledge base.

The program prepares students for practice and advancement in the social work profession. Students develop the knowledge and skills necessary to provide direct services, consultation, training, program development, practice evaluation, and social service research on behalf of clients and community and contribute to the advancement of the profession.

### Advancement to Candidacy

Students accepted to the program must maintain an average GPA of 3.0 in all coursework, must file for Advancement to Candidacy after completion of 9 units, and pass the Graduate Writing Requirement. Graduation requires maintaining a 3.0 GPA and submission of the Advancement to Candidacy document. A minimum of a C grade is expected in all courses.

## Credential Programs

As part of the MSW, the Department of Social Work Education offers a program that satisfies the requirements for the California Pupil Personnel Services (PPS) Credential with Specializations in School Social Work and Child Welfare and Attendance. This credential authorizes the holder to provide school social work and child welfare and attendance services as an employee of a K-12 public school in the state of California. The PPS program in Social Work at Fresno State is not available as an “add on” program to another degree and is also not available as a post-graduate option for those with an MSW or another master’s degree. Students interested in the PPS program will first need to apply and be admitted to the MSW program at Fresno State. Coursework and internship specific to the PPS credential are completed in the second year of the full-time MSW program. The Department of Social Work Education, in conjunction with the Kremen School of Education and Human Development, recommends candidates for a PPS credential who have met all of the requirements of the M.S.W. and PPS credential programs. Advising and admissions information are available through the P.P.S. coordinator in the Department of Social Work Education.

## SPECIAL CERTIFICATE OF STUDY

### **Certificate in TESL Linguistics - TESOL / SLAT (Second Language Acquisition & Teaching)**

The Certificate of Special Study in Teaching English as a Second Language Linguistics - TESOL / SLAT (Second Language Acquisition & Teaching) is intended for local and international students who wish to specialize in English as a Second Language methods.

LING 100

LING 141

LING 171

LING 155

**Advising Note:** We strongly recommend that international students also take LING 6 or LING 110W prior to or concurrently with LING 141.