

4. EVOC 519. Computer Applications for Vocational Education Teachers (4)
5. EVOC 637. Foundations of Vocational Education (4)
6. EVOC 638. Critical Issues for the Professional Vocational Educator (4)
7. EVOC 639. Professional Competencies in Vocational Education (4)
8. EVOC 640. Topics in Education (2)
9. Successful completion of Track A or Track B:
 - Track A
 1. EDUC 600. Master's Degree Project (4)
 - Track B
 1. EVOC 999. Comprehensive Examination (0)
10. Eleven units (Track A) or 15 units (Track B) from one of the following emphasis areas:

Counseling

1. ECLG 650. Applied Career Counseling (4)
2. Remaining units of electives approved by the candidate's advisor. This course work may also be applied (where appropriate) toward the Certificate in Rehabilitation Counseling.

Curriculum Development

1. EDCI 620. School Curriculum (4)
2. Remaining units of electives approved by the candidate's advisor.

Educational Computing

1. ETEC 546. Computer Based Technology in Education II (4)
2. Remaining units of electives approved by the candidate's advisor. This course work may also be applied (where appropriate) toward the Certificate in Educational Computing.

Educational Technology

1. ETEC 544. Design and Development of Instructional Materials I (4)
2. Remaining units of electives approved by the candidate's advisor. This course work may also be applied (where appropriate) toward the Certificate in Educational Technology.

School Administration

1. EADM 601. Educational Leadership and Ethics (4)
2. Remaining units of electives approved by the candidate's advisor. This course work may also be applied (where appropriate) toward the Administrative Services Preliminary credential.

Special Education

1. ESPE 530. Psychology and Education of Exceptional Individuals (4)
2. Remaining units of electives approved by the candidate's advisor.

Supervision and Coordination

1. EVOC 508. Organization and Structure of Designated Subjects Programs (4)
2. EVOC 509. Personnel Management in Designated Subjects Programs (4)
3. EVOC 510. Field Work in Coordination and Supervision of Designated Subjects Programs (4)
4. Remaining units of electives approved by the candidate's advisor. This course work may also be applied (where appropriate) toward the Supervision and Coordination of Designated Subjects Program credential.

M.A. IN EDUCATION (CORRECTIONAL AND ALTERNATIVE EDUCATION OPTION)

Requirements (48 units)

Admission to the Program

In addition to the general requirements of the university, specific requirements for admission to classified status follow:

1. A valid teaching credential or teaching experience;

2. A cumulative grade point average of 3.0 ("B") in all courses taken in education;
3. Completion of the graduate entrance writing requirement;
4. Three letters of recommendation, one from the school where the candidate has most recently taught or is currently teaching, to be evaluated by faculty members in the program.

Students who do not meet these criteria may be admitted as conditionally classified graduate students. No more than 20 quarter units may be used to demonstrate fitness to complete the program (to move from conditional to classified status).

Advancement to Candidacy

In order to be advanced to candidacy a student must have the following:

1. Achieved classified standing;
2. Completed with a grade point average of 3.0 ("B"), at least 16 quarter units of applicable course work in graduate standing, at least 12 of which have been taken at this campus and approved by an advisor in the College of Education;

Note: Between the time of completing 15 and 23 units of applicable course work the student is required to apply for advancement to candidacy.
3. Satisfactorily completed EDCA 614 and EDUC 603;
4. Secured approval of candidacy from the College of Education;
5. Filed an approved graduate program for completion of the degree. This must be prepared in consultation with an advisor in the College of Education and approved by the program coordinator.

Requirements for Graduation

1. A minimum of 48 quarter units of acceptable graduate level work, with a minimum of 35 completed in residence at this university;
2. A minimum of 23 units taken after the student has been advanced to candidacy for the degree;
3. A grade point average of 3.0 ("B") in course work taken to satisfy the Master of Arts degree requirements and grades of "C" (2.0) or better in all courses in the program;
4. The graduation writing requirement is met upon successful completion the Master's Degree Thesis/Project;
5. Successful completion of one of the following two tracks:

Track A. Master's Thesis/Project (8)

1. EDUC 600. Master's Degree Project
2. Four units of electives.

The purpose of the thesis/project is twofold. First, it demonstrates that the student has adopted a research agenda consistent with the needs of both the professional community and the researcher or scholar. Second, it demonstrates willingness and ability to direct one's effort to completion of a salient initiative.

A satisfactory thesis/project is one which reflects original works and shows a level of competence appropriate for a master's degree. A thesis/project can be reported in the form of a paper and/or through other media. Students who plan to go on to doctoral studies are encouraged to discuss the thesis/project option with their advisor.

A thesis/project will be planned in consultation with the student's advisor and one other professor in the College of Education and submitted in an approved format. Further information is available from the College of Education regarding the approved format. Students who choose the thesis/ project option must enroll in four units in the elective category with approval of an advisor.

Track B. Comprehensive Examination

1. EDCA 999. Comprehensive Examination (0)
2. Eight units of electives.

The written comprehensive examination is designed to test the student's knowledge in the field of correctional and alternative education. Students may take the examination twice. Students

who choose the comprehensive examination option must successfully complete eight units in the electives category with approval of an advisor;

6. The graduation writing requirement is met upon successful completion of EDUC 600 or EDCA 999.

A minimum of 26 units in courses numbered 600 or above must be included in the graduate program. The program may not include more than 12 quarter units in approved extension and transfer courses from other colleges or universities. California State University, San Bernardino will not consider for transfer credit course work from an institution which will not accept that work in its own advanced degree program. Any additional general requirements not cited above are listed on Page 341.

Degree Requirements (48 units)

Education Core Courses (12 units)

1. EDUC 603. Effective Communication in Education (4)
2. EDUC 605. Foundations of Education (4)
3. EDUC 607. Introduction to Educational Research (4)

Correctional and Alternative Education Core (16 units)

1. EDCA 614. Foundations of Institutional Education: History and Literature (4)
2. EDCA 616. Teaching the Institutional Student (4)
3. EDCA 618. Social and Cultural Dynamics of Institutional Education (4)
4. EDCA 620. Educational Change in Institutional Settings (4)

Electives (12 units)

1. Twelve units in the student's area of specialization, chosen in consultation with advisor.

Culminating Experience (8 units)

Student must take one of the following two tracks:

Track A. Master's Thesis/Project option

1. EDUC 600. Master's Degree Project (4)
2. Four units of electives chosen from the list below:
 - EDCA 628. Special Education in Correctional Institutions (4)
 - EDCA 630. Alternative and Correctional Education (4)
 - EDCA 632. Career and Vocational Education in Correctional Institutions (4)
 - EDCA 634. Correctional Education Leadership (4)
 - EDCA 636. Pedagogy and Andragogy in Correctional Institutions (4)
 - EDCA 638. Organization of Correctional and Alternative Education Service Delivery (4)
 - EDCA 640. Literacy Instruction in Adult Confinement Institutions (4)
 - EDCA 642. Library Services for Alternative and Correctional Students (4)
 - EDCA 644. Pre- and Post-Release Transitions for Correctional Students (4)
 - EDCA 646. Comparative Correctional Education (4)
 - EDCA 684. Special Topics in Correctional and Alternative Education (4)

Track B: Comprehensive Examination Option

1. EDCA 999. Comprehensive Examination (0)
2. Eight units of electives chosen from the list above.

M.A. IN EDUCATION (CURRICULUM AND INSTRUCTION OPTION)

Requirements (46 units)

Admission to the Program

In addition to the general requirements of the university specific requirements for admission to classified graduate status are:

1. A valid teaching credential or one year of teaching experience;
2. A cumulative grade point average of 3.0 ("B") in all courses taken in education;
3. Completion of the graduate entrance writing requirement;
4. Three letters of recommendation, one from the school where the candidate has most recently taught or is currently teaching, to be evaluated by faculty members in the program.

No more than 20 quarter units may be used to demonstrate fitness to complete the program.

Advancement to Candidacy

In order to be advanced to candidacy, a student must have:

1. Achieved classified standing;
2. Completed with a grade point average of 3.0 ("B"), at least 16 quarter units of applicable course work in graduate standing, at least 12 of which have been taken at this campus and approved by an advisor in the College of Education;

Note: Between the time of completing 15 units and 23 units of applicable course work the student is required to apply for advancement to candidacy.
3. Satisfactorily completed EDUC 603 and 605;
4. Secured approval of candidacy from the College of Education;
5. Filed an approved graduate program for completion of the degree. This must be prepared in consultation with an advisor in the College of Education.

Requirements for Graduation

1. A minimum of 46 quarter units of acceptable graduate-level work, with a minimum of 33 completed in residence at this university;
2. A minimum of 23 quarter units taken after the student has been advanced to candidacy for the degree;
3. A grade point average of 3.0 ("B") in course work taken to satisfy the Master of Arts degree requirements and grades of "C" (2.0) or better in all courses in the program;
4. Successful completion of one of the following:
 - Track A. Master's Project (6 units)
 1. EDUC 600. Master's Degree Project (4)
 2. EDCI 664. Thesis/Project Design in Curriculum and Instruction (2)

The purpose of the thesis/project is for the student to communicate ideas gained in research, experimentation and creative endeavors.

A satisfactory thesis/project is one which reflects original works and shows a level of competence appropriate for a master's degree. A thesis/project can be reported in the form of a paper and/or through other media. Students who plan to go on to doctoral studies are encouraged to discuss the thesis/project option with their advisor.

All theses/projects will be planned in consultation with the student's advisor. The thesis/project proposal and the thesis/project must be approved by the student's advisor and one other professor in the College of Education and submitted in an approved format. Further information is available from the College of Education regarding an approved format.

Students who choose the thesis/project option and the Curriculum and Instruction Emphasis must enroll in eight units in the electives category with approval of an advisor. Students who choose the thesis/project option and the Early Adolescents Emphasis must enroll in four units in the electives category with approval of an advisor. Students who choose the Gifted and Talented Education Emphasis may not choose Track A.

Track B. Comprehensive Examination (2 units)

1. EDCI 663. Comprehensive Evaluation in Curriculum and Instruction (2)
2. EDCI 999. Comprehensive Examination (0)

The written comprehensive examination is designed to test the student's knowledge in the field of curriculum and instruction. The examination will be given in the fall and spring quarters. Students may