



2016–2017 Catalog Addendum 2

November 2016

The College of the Desert Catalog Addendum represents course and program revisions made since the last publication of the Catalog. Included in this Addendum are new and modified certificates and degrees, new courses, and updated list of Faculty and Administration. This Addendum also includes corrections to the 2016-2017 Catalog. These changes replace what is printed in the current Catalog and are effective as of the Fall 2016. Instructions for understanding this addendum are as follows: underline indicates new material, ~~strikethrough~~ indicates a deletion.

Changes to page 40 – Phi Theta Kappa Honor Society
(before Graduation Honors section)

Students interested in exploring membership in Phi Theta Kappa should contact faculty advisors [Raquel Schoenfeld at rschoenfeld@collegeofthedesert.edu](mailto:rschoenfeld@collegeofthedesert.edu), [Laura Graff at lgraff@collegeofthedesert.edu](mailto:lgraff@collegeofthedesert.edu) and/or [Veronica Daut at vdaut@collegeofthedesert.edu](mailto:vdaut@collegeofthedesert.edu).

Programs of Study

[NEW ASSOCIATE DEGREE effective Fall 2016](#)

EARLY CHILDHOOD EDUCATION A.S. DEGREE for employment preparation

The Associate in Science in Early Childhood Education for employment, also called the Early Childhood Education AS Degree for Employment Preparation, provides a clearly articulated curricular track for students who wish to pursue employment in early childhood education while also serving the diverse needs of students interested in the breadth and depth of the field of early childhood education. Additionally, this degree exposes students to the core principles and practices of the field in order to build a foundation for their future personal, academic, or vocational paths. The degree was designed to facilitate students' successful pursuit in a variety of careers in Early Childhood Education such as Assistant Teacher, Teacher, Child Development Specialist. This degree requires students to complete 60 units of course work including completion of 24 units in the major with a cumulative GPA of 2.0 or better. Students should consult with a counselor for educational planning or an advisor for more information on the degree and permit opportunities. Graduates with this degree will meet the requirements for a Teacher permit in child development issued by the California Teacher Credentialing Commission.

Required Core Courses: (24 units)

ECE-001	Principles and Practices of Teaching.....	3
ECE-010	Child Growth & Development	3
ECE-012	Child, Family & Community	3
ECE-040	Introduction to Curriculum	3
ECE-044	Health, Safety & Nutrition.....	3
ECE-045	Teaching in a Diverse Society.....	3
ECE-046B	Observation and Assessment.....	3
ECE-047A	Practicum in Early Childhood Education.....	3
Electives (with Advisor approval).....		14
COD General Education Pattern (with Advisor approval).....		20
Kinesiology Activities		2
DEGREE TOTAL	.....	60

PROGRAMS REVISIONS effective Fall 2016

CHEMISTRY A.S. DEGREE and transfer preparation (Includes Bio-Chemistry)

The Chemistry major prepares students to transfer to four-year institutions for continued study in the field of chemistry. An A.S. degree may be sufficient for an individual to secure employment as an environmental technician, laboratory technician, safety manager, sanitarian, nurse, educator, or water-quality analyst. In the chemistry classes students learn how to apply the scientific method, how to read, analyze and interpret the data collected in the laboratory, how to communicate the conclusions effectively, both orally and in writing. They also learn proper lab procedure and safe handling of chemicals. Chemists are also employed with federal, state and local governments, such as the departments of Defense, Health, and Agriculture. Analytical chemist, biochemist, biotechnologist, dentist, educator, pharmacist, physician, forensic specialist, environmental/industrial health engineer, research chemist, occupational safety officer, and veterinarian are some of the careers for which and Associate degree in Chemistry prepares a student who subsequently obtains a university degree in the field.

Required Courses:

CH-001A	General Chemistry I.....	5	
CH-001B	General Chemistry II	5	
CH-010A	Organic Chemistry I	5	
CH-010B	Organic Chemistry II	5	
BI-005	Molecular & Cell Biology	5	
BI-006	Biology of Organisms.....	5	
MATH-001A	Calculus	5	4
MATH-001B	Calculus	5	4
PH-004A3A	Engineering Physics.....	5	4
PH-004B3B	Engineering Physics.....	5	4
Required Subtotal	.....	50	46
COD General Education (confer with Counselor)	.....		18
Kinesiology Activities	.....		2
DEGREE TOTAL	.....	70	66

Consult catalog of transfer institution for specific requirements.

COMPUTER SCIENCE A.S. DEGREE and transfer preparation

The Associate in Science degree in Computer Science prepares students for transfer to the four-year college or university to complete a bachelor's degree program. The program covers courses typically offered in freshman and sophomore years of an accredited computer science curriculum in the United States. Students are strongly recommended to keep themselves informed of the rules and requirements related to the major department at the transfer institution. Students are advised to use the counseling expertise available via the Counseling Center and faculty advisors to establish an individual student education plan (SEP) specific to their academic goals.

Required Courses:

CS-007A	Computer Science I.....	4	
CS-007B	Computer Science II	4	
CS-008	Computer Architecture & Org.	4	
MATH-001A	Calculus	5	4
MATH-001B	Calculus	5	4
MATH-015	Discrete Math for Computers		4
PH-003A	Engineering Physics.....		4
PH-003B	Engineering Physics		4

Electives - A minimum of 2 courses to be chosen from the following (8-~~10~~ 9 units):

CS-009	Data Structures & Algorithms.....	4	
CH-001A	General Chemistry I	5	
MATH-002A	Multivariate Calculus	5	4
MATH-002B	Linear Algebra		4
MATH-002C	Ordinary Differential Equations		4

PH-003C	Engineering Physics	4
PH-006A	Electric Circuits for Engineering & Science.....	4
Required Courses	34	32
Electives	8-10	8-9
COD General Education (confer with Counselor) ...		18
Kinesiology Activities		2
DEGREE TOTAL	62-64	60-61

Consult catalog of transfer institution for specific requirements.

A.A. IN ECONOMICS FOR TRANSFER DEGREE (AA-T)

The purpose of the Economics program is to provide as many students as possible with an opportunity to:

- acquire a basic knowledge of economics;
- become aware of the role and place of economics in their personal and public life;
- get exposure to the critical thinking approach especially in the context of addressing economic issues; and
- achieve their academic and career objectives as well as their personal development goals.”

The *Associate in Arts in Economics for Transfer*, also called the *Economics AA-T Degree*, is designed to prepare students for a seamless transfer with junior status to a CSU campus in a program or major in Economics for completion of a baccalaureate degree.

This *Economics AA-T Degree* requires students to meet both of the following requirements:

(1) Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:

- The Intersegmental GE Transfer Curriculum (IGETC) or the California State University GE - Breadth Requirements (CSU GE-B).
- A minimum of 18 semester units in a major or area of emphasis. All courses in the major or area of emphasis must be completed with a grade of "C" or better.

(2) Obtainment of a minimum grade point average of 2.0.

There are no additional graduation requirements. Students are advised to consult with a counselor to verify transfer requirements.

Required Core Courses:

ECON-001	Principles of Macroeconomics.....	3
ECON-002	Principles of Microeconomics.....	3
MATH-001A	Calculus.....	5 4
MATH-014	Statistical Methods.....	4

List A: Select one course (3-4 units)

BUAC-020A	Financial Accounting.....	4
BUAC-020B	Managerial Accounting.....	4
ENG-001B	Composition & Literature.....	3
SOC-004	Sociological Analysis and Critical Thinking	3

List B: Select one course (3-4 units)

Any List A course not already used

ECON-011	International Economic Relations.....	3
ECON-012	Understanding Economic Principles and Applications.....	3

Required Subtotal	20-21
CSU General Education or IGETC Pattern ¹	37-39
Transferable Electives ² (as needed to reach 60 transferable units)	
DEGREE TOTAL	60

¹ Units for the major may be double counted for CSU GE or IGETC, confer with Counselor.

² Elective units to reach 60-unit total must be CSU transferable, confer with Counselor.

GEOLOGY A.S. DEGREE and transfer preparation

(Includes Earth Science, Paleontology, Physical Oceanography)

Upon successful completion of courses leading to the Geology AS Degree the student will be able to know and understand Geology concepts, skills and applications to attain upper division status in Geology at most 4-year institutions. Students are advised to consult with a counselor to verify transfer requirements.

Required Courses:

G-001	Physical Geology	4
BI-005	Molecular & Cell Biology.....	5
BI-006	Biology of Organisms.....	5
CH-001A	General Chemistry I.....	5
CH-001B	General Chemistry II	5
MATH-001A	Calculus	5 4
MATH-001B	Calculus.....	5 4
PH-002A, B	College Physics.....	4, 4
<u>or</u> PH-003A, B	Engineering Physics (4, 4) (Physics requirement depends on transfer institution)	

Required Subtotal	42	40
COD General Education (confer with Counselor)		18
Kinesiology (PE) Activities		2
DEGREE TOTAL	62	60

Consult catalog of transfer institution for specific requirements. Consult with advisor before embarking on program.

MUSICAL THEATRE CERTIFICATE OF ACHIEVEMENT

Musical theatre actors must be able to effectively interpret scripts and songs while also being well versed in a variety of dance styles. This certificate allows students to explore interdisciplinary skills required for success in the field, to understand professional ethics and to prepare themselves for the rigorous physical and emotional demands of a musical theatre career.

Required Courses:

MUS-007	History of Musical Theatre	3
MUS-086	Musical Theatre Performance	3
MUS-090	Musical Theatre Workshop.....	1
DANC-073	Dance, Jazz	1
DANC-076	Dance, Ballet	1
TA-002	Acting I.....	3
TA-003	Acting II	3

Select 2 courses from the following

	MUS-022A	Voice I (2)	
	MUS-022B	Voice II (2)	
ADD	MUS-022C	Voice III (2)	

CERTIFICATE TOTAL

A.S. IN PHYSICS FOR TRANSFER DEGREE (AS-T)

The Associate in Science in Physics for Transfer Degree, also called the Physics AS-T Degree, is designed to prepare students for a seamless transfer with junior status to a CSU campus in a program or major in Physics for completion of a baccalaureate degree. Upon successful completion of courses leading to the Physics AS-T Degree the student will be able to know and understand Physics concepts, skills and application to attain upper division status in Physics at most 4 year institutions.

This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC ~~and 27~~ 24 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all courses required for the major or area of emphasis. There are no additional graduation requirements. Students are advised to consult with a counselor to verify transfer requirements.

Required Core Courses:

PH-003A	Engineering Physics.....	4
PH-003B	Engineering Physics.....	4
PH-003C	Engineering Physics.....	4
MATH-001A	Calculus	5 4
MATH-001B	Calculus	5 4
MATH-002A	Multivariate Calculus	5 4

Required Subtotal	27	24
CSU General Education or IGETC Pattern ¹		37-39
Transferable Electives ² (as needed to reach 60 transferable units)		
DEGREE TOTAL		60

¹ Units for the major may be double counted for CSU GE or IGETC, confer with Counselor.

² Elective units to reach 60-unit total must be CSU transferable, confer with Counselor.

POLICE SCIENCE A.S. DEGREE for employment preparation

The Police Science program provides training for careers in law enforcement as well as related fields in corrections, probation, security and community service. The program offers one level of job entry training, as well as an Associate's Degree designed to enhance professional skills and qualifications. The job entry training level is the Reserve Police Officer Certificate of Achievement. This level consists of the Peace Officer Standards and Training (POST) certified Module III and Module II, Basic Peace Officer Training courses. Satisfactory completion of these courses establishes eligibility for hire as a Level-III or Level-II Reserve Peace Officer in the State of California.

With the Reserve Police Officer Certificate of Achievement a Police Science Associate's Degree is attainable with an additional 18 units of required courses, 18 units of General Education and 5 units of electives.

Basic Peace Officer Training courses are non-traditional courses subject to state regulations prescribed by the California Commission on Peace Officer Standards and Training (POST). Students desiring to enroll in any POST certified Basic Peace Officer Training courses must be 18 years of age, possess a valid driver's license, be fingerprinted and present a Department of Justice signed clearance letter to possess a firearm on the first day of class. There are also certain physical and moral character requirements for peace officers. Students wanting to register for POST courses at COD who are unsure if they meet the POST requirements are urged to contact the Academy Director or designee prior to enrollment. Please refer to the COD website www.collegeofthedesert.edu for more detailed program information or call (760) 346 8041 Ext. 3765 or 3083.

Required Courses:

BPOT-001	Basic Peace Officer-Module III.....	7
BPOT-002	Basic Peace Officer-Module II.....	12
AJ-001	Introduction to Criminal Justice.....	3
AJ-002	Concepts of Criminal Law	3
AJ-004	Criminal Court Process.....	3
AJ-006	Criminal Investigation.....	3
AJ-010	Juvenile Procedures	3
AJ-030	Introduction to Corrections	3

Electives - 5 units chosen from the following:

AJ-003	Legal Aspects of Evidence	3
AJ-005A	Community & the Justice System	3
AJ-095A	Admin of Justice Work Experience (Maximum of 3 units may be used for work experience)	1-8
PSY-001	General Psychology	3
PSY-003	Developmental Psychology	3
PSY-029	Abnormal Psychology.....	3
SOC-001	Introduction to Sociology	3
SOC-002	Social Problems	3
SOC-003	Fundamentals of Statistics	3
SOC-014	Intro to Race & Ethnicity	3
SPAN-001	Elementary Spanish I	5
ASL-001	Elementary ASL I	5
SP-001 COMM-009	Intro Interpersonal Communications	3
SP-005 COMM-013	Small Group Communication	3
SP-007 COMM-025	Argumentation and Debate	3
SP-015 COMM-017	Intercultural Communication	3

Required Subtotal.....		37
Electives		5
COD General Education Pattern.....		18
Kinesiology Activities		2
DEGREE TOTAL		62

Note: With Advisor approval up to 18 units of any Peace Officer Standards and Training (POST) certified Basic Peace Officer Training Module I course may be substituted for some or all of the 18 units of required AJ courses.

Courses of Instruction

NEW COURSES

KINE-012 Clinical Experiences in Sports Med & Athletic Training I Units: 2

This course will expose students to basic injury prevention and care. Students will observe and assist athletic trainers in administering health care to the COD athletes. Skills to be learned and performed include prophylactic taping and wrapping, immediate injury management, basic rehabilitation exercises and modality application.

Prerequisite: KINE-003 or concurrent enrollment

Lecture Hours: 0 Lab Hours: 108 Repeatable: No Grading: Letter Grade
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

KINE-013 Clinical Experiences in Sports Med & Athletic Training II Units: 2

This course will expose students to injury evaluation and career exploration in the area of sports medicine. Students will observe and assist athletic trainers in evaluating and treating COD athletes. This may be augmented by off-campus physicians and/or health care providers.

Prerequisite: KINE-003 or concurrent enrollment

Lecture Hours: 0 Lab Hours: 108 Repeatable: No Grading: Letter Grade
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

KINE-014 Clinical Experiences in Sports Med & Athletic Training III Units: 2

This course will expose students to advanced injury evaluation and anatomy. The emphasis in this course will be problem solving and professional development. Students will observe and assist athletic trainers in evaluating and rehabilitating COD student athletes. This may be augmented by off-campus observations of surgery.

Prerequisite: KINE-004 or concurrent enrollment

Lecture Hours: 0 Lab Hours: 108 Repeatable: No Grading: Letter Grade
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

KINE-015 Clinical Experiences in Sports Med & Athletic Training IV Units: 2

This course will expose students to advanced injury rehabilitation principles and clinical intervention techniques. The emphasis in this course will be professional care, treatment and evaluation of athletic injuries. Students will observe and assist athletic trainers in evaluating and advanced rehabilitating COD student athletes. This may be augmented by off-campus observations of surgery and evaluation of stages of healing and individualized treatment and rehabilitation protocol.

Prerequisite: KINE-004 or concurrent enrollment

Lecture Hours: 0 Lab Hours: 108 Repeatable: No Grading: Letter Grade
Transfer Status: CSU Degree Applicable: AA/AS
COD GE: None CSU GE: None IGETC: None

New Courses Approved as UC Transferable (effective Fall 2016)

BI-007L, Biology of Mammals Lab, 1 Unit

*BI-031, Undergraduate Research Experience, 2 Units

*CH-031, Undergraduate Research Experience, 2 Units

COMM-005, Survey of Human Communication, 3 Units

DRA-002, AutoCAD, 4 Units

ECE-017, Child Guidance, 3 Units

G-002, Historical Geology with Laboratory, 4 Units

GS-010, Introduction to Global Studies, 3 Units

GS-011, Global Issues, 3 Units

HSAD-001, Introduction to Alcohol/Drug Studies, 3 Units

*KINE-011, Men's Self Defense, Health & Fitness, 3 Units

*MATH-009, Business Calculus, 4 Units

*MATH-031, Undergraduate Research Experience, 2 Units

MUS-022C, Voice III, 2 Units

MUS, 039C, Advanced Class Guitar, 2 Units

MUS-050C, Advanced Jazz/Rock Guitar, 2 Units

MUS-099A, Applied Music, Instrumental, .5 Unit

MUS-099B, Applied Music, Vocal, 0.5 Unit

*PH-031, Undergraduate Research Experience, 2 Units

PS-005, The American Presidency, 3 Units

**UC will accept course but with some unit limitations or other stipulations. Please consult with a counselor.*