



Catalog 2015–2016

Addendum No.3

The following information was inadvertently omitted from the Catalog 2015-2016. Please attach this addendum to your current catalog.

ASSOCIATE DEGREE (A.S. OR A.A.) GENERAL EDUCATION REQUIREMENTS 2015-2016

Replace on page 64

This plan meets the minimum ~~22~~ 18-unit general education requirement for an associate degree awarded by Southwestern College. A minimum of 60 total units should include general education courses, degree/program course requirements and elective courses are required to earn an associate degree. Students are strongly advised to see a counselor for assistance in developing an educational plan.

Replace on page 67

D10: SOCIOLOGY AND CRIMINOLOGY

- AJ 114 Fundamentals of Crime and Criminal Behavior
- SOC 101 Introduction to Sociology
- * SOC 105 Masculinity
- SOC 106 Race and Ethnicity
- SOC 107 Sociology of Religion
- SOC 110 Contemporary Social Problems
- * SOC/
- PSYC 116 Introduction to Social Psychology
- SOC 135 Sociology of the Family

~~Other: Please select one additional course (3 units) from Area C or D to satisfy the 18 unit minimum per Title 5 Associate Degree Requirements.~~

Note: Southwestern College's minimum required General Education units for Associate Degree are as follows:

- | | |
|--|------------|
| A. Language and Analytical Thinking | 6–8 |
| B. Natural Science | 3 |
| C. Humanities | 3 |
| D. Social, Political and Economic Institutions and Behavior, Historical Background | 3 |

Other: If needed, please select one additional course (3 units) from Area A, B, C or D to satisfy the 18 unit minimum requirement per Title 5 Associate Degree Requirements. **3**

18–20

NEW PROGRAM

Replace on page 207

GEOLOGY FOR TRANSFER

**Associate in Science
Transfer Preparation * (Major Code: 01785)**

Geology is the study of the composition, structure, and evolution of the Earth. It is an interdisciplinary science that combines geological observations and concepts with those of biology, chemistry, physics, and mathematics. This department explores rocks, minerals, fossils, and the internal and external geophysical processes that continue to shape the Earth and its environments. Specialization within the field of geology ranges from engineering and geophysics to paleontology and marine geology.

Program Student Learning Outcome Statement:

- Students will acquire knowledge and demonstrate skills to collect and analyze Earth's minerals and rocks. Specifically, they will demonstrate the skills necessary to gather and interpret field and other types of geologic data, identify samples of basic mineral and rock material found on Earth's surface, understand and be able to explain the basic physical and chemical attributes of Earth's minerals and rocks, and explain how Earth's basic minerals and rocks form chemically and physically.

REQUIRED CORE (27 units):

GEOL 100	Principles of Geology	3
GEOL 101	General Geology Laboratory	1
GEOL 115	Dinosaurs and the Story of Earth	3
GEOL 115L	Dinosaurs and the Story of Earth Lab	1
CHEM 200	General Chemistry I	5
CHEM 210	General Chemistry II	5
MATH 250	Analytic Geometry and Calculus I	5
MATH 251	Analytic Geometry and Calculus II	4

Total units 27

- * Students planning to transfer to a four-year college or university should complete courses specific to the transfer institution of choice. University requirements vary from institution to institution and are subject to change.

Therefore, it is important to verify transfer major preparation and general education requirements through consultation with a counselor in either the Counseling Center or Transfer Center.

PROGRAM MODIFICATION

Replace on page 280

~~Transfer Education/Preparation for Nursing~~ for Allied Health Programs

Associate in Arts Transfer Preparation * (Major Code: A1330)

~~A bachelor's degree is generally required for public health/community nursing school and industrial nursing, and for commissioned officer status in the armed forces. It is also recommended as basic preparation for further study for those seeking careers in leadership positions, in nursing research or nursing education, and as nurse practitioners, midwives, and anesthetists.~~

~~There are several institutions in California which grant the Bachelor of Science Degree in Nursing including SDSU and Point Loma Nazarene College.~~

A bachelor's degree is generally required for public health/community and industrial settings, and for commissioned officer status in the armed forces. It is also recommended as basic preparation for further study for those seeking careers in leadership positions, research or education.

Program Student Learning Outcome Statement:

- Upon completion of the program, the student will demonstrate the ability to actively participate and contribute to patient report meetings and patient/family conferences and analyze as well as prioritize the information obtained.
- ~~• Upon completion of the program, the student will demonstrate the ability to articulate professionally and competently in the healthcare setting on issues regarding patient care.~~
- ~~• Upon completion of the program, the student will analyze, compute and correctly provide medications to the patient in the healthcare setting.~~
- ~~• Upon completion of the program, the student will demonstrate collegiality and appropriate communication techniques when working with diverse healthcare providers, patients and family members.~~

BIOL 260	Human Anatomy	4
BIOL 261	Principles of Human Physiology	4
BIOL 265	General Microbiology	4
CHEM 110	Elementary Organic and Biological Chemistry	4
CHEM 100	Introduction to General Chemistry	4
PSYC 101	General Psychology	3
SQC 101	Introduction to Sociology	3
ADN 140	Reading and Composition for Nursing and Allied Health Occupations	3
MATH 60	Intermediate Algebra I	4
COMM 103	Oral Communication	3
OR		
COMM 174	Interpersonal Communication	3
Total units		25-23

To earn an associate degree, additional General Education and Graduation Requirements must be completed.

* Students planning to transfer to a four-year college or university should complete courses specific to the transfer institution of choice. University requirements vary from institution to institution and are subject to change.

Therefore, it is important to verify transfer major preparation and general education requirements through consultation with a counselor in either the Counseling Center or Transfer Center.

PROGRAM MODIFICATION

Replace on page 180

Construction Management

Certificate of Achievement Transfer Preparation * (Major Code: 02883)

Designed to provide the student with the necessary skills and knowledge for employment within the construction industry. The construction manager is an integral member of the building team and requires a broad range of professional knowledge in the areas of construction methods and materials, building codes, cost analysis and control, construction scheduling, and consulting with the design professions during initial planning stages of a building program. Areas in which graduates of this program might work include general contracting, project management for developers, facilities management, and design-and-build architecture firms.

PROGRAM STUDENT LEARNING OUTCOME STATEMENT:

- Demonstrate the ability to apply problem solving skills and integrate technical knowledge.

GAINFUL EMPLOYMENT:

The U.S. Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that "prepares students for gainful employment in a recognized occupation."

Students who complete this program will have acquired the necessary analytical tools to successfully secure gainful employment in the field of study.

For more information regarding the data provided for this program and what it means to you as a student, please feel free to visit our SWC Gainful Employment website at: www.swccd.edu/gainfulemployment

FIRST SEMESTER

ACCT 101	Principles of Accounting I	4
ARCH 115	Architecture Graphics Graphic Communication for Architects and Designers	3
CI 90	Construction Project Management	3

SECOND SEMESTER

ARCH 165	Architectural Practice I	2 3
ARCH 200	Introduction to Computer Aided Design	3
CI 60	Building Codes I	3

THIRD SEMESTER

ARCH 235	Structures	3
ARCH 265	Architectural Practice II	2 3
CI 80	Soils Engineering	3

FOURTH SEMESTER

ARCH 209	<i>Construction Surveying</i>	3
ARCH 266	<i>Architectural Practice III</i>	2
BUS 140	<i>Business Law/The Legal Environment Of Business</i>	3
CI 65	<i>Building Codes II</i>	3

Total units

~~37~~ 39