



A Course of Study for
RECYCLING & RESOURCE MANAGEMENT (AS)

**Associate Degree
 &**

Certificate of Achievement Programs

**RECYCLING & ZERO WASTE
 Department Certificate Program**

Recycling and Resource Management is among the largest and most rapidly growing industries in America. As more cities and businesses develop sustainability and zero waste policies, the need increases for personnel who can properly manage resource use and recycling. The Recycling and Resource Management curriculum emphasizes an interdisciplinary approach, exploring recycling and resource management from a variety of perspectives and in a variety of settings. Core curriculum will provide students with an in-depth study of waste diversion and resource management, emphasizing cultural, community, and business applications. Courses cover governmental and organizational policies, practices, and procedures in waste and resource management, including best management practices and successful community and educational zero waste programs.

The Recycling and Resource Management Certificate Program is designed to provide formal training for individuals interested in working in the green jobs sector. As more cities and businesses develop sustainability and zero-waste policies, there is an increased need for trained staff that can properly manage organizational resources and initiate programs.

This training program will provide students with the resources they need to compete in the green jobs marketplace. Courses will emphasize recycling and resource management from a variety of perspectives. Students will learn about resource management and how it impacts cultural, community, and business practices. Courses will cover governmental and organizational policies, practices, and procedures, and identify best management practices.

ASSOCIATE DEGREE - 60 UNITS

The Associate degree in Recycling & Resource Management involves satisfactory completion of a minimum of 60 semester units with a C average or higher including at least 18 semester units in the Recycling & Resource Management area of emphasis (articulated below), fulfillment of the Global Citizenship requirement, and fulfillment of all Santa Monica College general education requirements, CSU GE or IGETC.

Catalog rights dictate that a student may satisfy the requirements of a degree or certificate by completing the general education and major/area of emphasis requirements in effect at any time of their continuous enrollment. Continuous enrollment is defined as enrollment in consecutive Fall and Spring semesters until completion.

At least 50% of the area of emphasis (major) units must be completed at Santa Monica College.

Each course in the area of emphasis (major) must be completed with a grade of C or higher.

RECYCLING & RESOURCE MANAGEMENT (18 units)

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to plan, implement, and oversee waste management programs aimed at implementing Zero Waste principles and sustainability practices for individuals, businesses, and the communities. Additionally, students will demonstrate the ability to write proposals and policy using correct terminology, principles and CA legislation and regulations regarding waste, recycling, sustainable resource management and zero waste systems.

Required Courses (12 units)

RRM 1, Introduction to Recycling and Resource Management (3)

RRM 2, Culture and Zero Waste (3)

RRM 3, Resource Management and Zero Waste for Communities (3)

RRM 4, Resource Management and Zero Waste for Business (3)

Select courses from the following (6 units)

Biology 9, Environmental Biology (3)

Counseling 16, Job Success Skills (1) **and Counseling 90B**, General Internship (2)

or

Counseling 90C, General Internship (3) (with permission of Earth Science department chair)

Geography 7, Introduction to Environmental Geography (3) (same as *Environmental Studies 7*)

Philosophy 20, Environmental Ethics (3) (same as *Environmental Studies 20*)

Political Science 22, Environmental Politics (3) (same as *Environmental Studies 22*)

Psychology 40, Environmental Psychology (3) (same as *Environmental Studies 40*)

Additional graduation requirements for the Associate degree from Santa Monica College are on a separate sheet available in the Transfer/Counseling Center, as well as online (go to www.smc.edu/articulation).

CERTIFICATE OF ACHIEVEMENT

Catalog rights dictate that a student may satisfy the requirements for a certificate of achievement by completing the major/area of emphasis requirements in effect at any time during the student's continuous enrollment. Continuous enrollment is defined as enrollment in consecutive Fall and Spring semesters until completion.

At least 50% of the units required for Certificates of Achievement must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete the Certificates of Achievement.

RECYCLING & RESOURCE MANAGEMENT (18 units)

The program requirements for Certificates in Recycling and Resource Management are designed to provide students with the skills and knowledge necessary to obtain desirable employment or provide students with the skills and knowledge necessary to obtain desirable employment or advancement in the field of recycling and resource management. It is also designed to provide students with a comprehensive perspective on the role that recycling and waste diversion plays in solving global economic and environmental issues.

A Certificate of Achievement is granted upon completion of the required courses listed under the Associate degree.

Students who successfully complete this Certificate of Achievement may elect to receive an Associate degree by satisfying additional general education requirements listed on the Associate degree.

DEPARTMENT CERTIFICATE

Catalog rights dictate that a student may satisfy the requirements of a certificate by completing the major/area of emphasis requirements in effect at any time of their continuous enrollment. Continuous enrollment is defined as enrollment in consecutive Fall and Spring semesters until completion.

At least 50% of the units required for Department Certificates must be completed at Santa Monica College.

Students must receive a grade of C or higher in each course to successfully complete the Department Certificate.

RECYCLING AND ZERO WASTE (12 units)

A Department Certificate in Recycling and Zero Waste will be granted upon successful completion of the courses listed below.

Program Learning Outcomes: Upon completion of this program students will demonstrate the ability to plan, implement, and oversee waste management programs aimed at implementing Zero Waste principles and sustainability practices for individuals, businesses, and the communities. Additionally, students will demonstrate the ability to write proposals and policy using correct terminology, principles and CA legislation and regulations regarding waste, recycling, sustainable resource management and zero waste systems.

Required Courses (12 units)

RRM 1, Introduction to Recycling and Resource Management (3)

RRM 2, Culture and Zero Waste (3)

RRM 3, Resource Management and Zero Waste for Communities (3)

RRM 4, Resource Management and Zero Waste for Business (3)

Golden West and Irvine Valley also offer a certificate in this area of study. The courses will be accepted in the following manner at each institution.

TITLE	SANTA MONICA COLLEGE	IRVINE VALLEY COLLEGE	GOLDEN WEST COLLEGE
Introduction to Recycling & Resource Management	RRM 1	ENV 180	ENVS-G 141
Culture & Zero Waste	RRM 2	ENV 185	ENVS-G 142
Resource Management & Zero Waste for Communities	RRM 3	ENV 190	ENVS-G 144
Resource Management & Zero Waste Business	RRM 4	ENV 195	ENVS-G 143