

PLOs for BHES Division - Active Only

Unit Name	Program Level Outcome (PLO) Name	Program Level Outcome (PLO)	Related ICC
Dept - (BHES) Biology	Biology PLO_1	Apply scientific thinking to biological systems.	
Dept - (BHES) Environmental Studies	Biodiversity Specialist PLO_1	Students will utilize scientific and ecological principles to evaluate genetic, species, and ecosystem biodiversity, and causes of biodiversity loss, and ways to conserve biodiversity.	
	Biodiversity Specialist PLO_2	Apply the above concepts and techniques to local and statewide biodiversity case studies to develop strategies in creating and implementing community-based, collaborative efforts to preserve, protect, and restore native species, ecosystems and the landscape.	
	Biodiversity Specialist PLO_3	Demonstrate the ability to communicate the relationship between values, skills, environmental education, and environmental careers in order to play a role in futhering a more sustainable and biologically diverse world.	
	Degree: Environmental Compliance & Pollution Prevention PLO_1	Students will investigate and communicate the relationships between environmental law, protection, and pollution prevention and apply the knowledge gained to environmental solutions.	
	Degree: Environmental Compliance & Pollution Prevention PLO_2	Students will apply the above concepts and techniques to communicate and critically evaluate the relationship between laws, history, values, stakeholders, and strategies to assist in implementing environmental solutions through the use of data analysis, targets, and timetables.	
	Degree: Environmental Compliance & Pollution Prevention PLO_3	Identify and interact with the key stakeholders in environmental compliance, pollution prevention, and environmental health and justice including the public, government and resouce agencies, agriculture, and industry, nonprofits and others to enhance global, cultural, social and environmental well being.	
	Degree: Environmental Education & Nature-based Learning PLO_1	Students will investigate and communicate the relationship between environmental education, nature-based learning, ecosystems thinking, ecological literacy, stewardship, leadership and team building and environmental protection and stewardship of the Earth's natural resources.	
	Degree: Environmental Stewardship PLO_1	Students will investigate the practice and technology of wildlife corridors (connectivity or linking landscapes).	
	Degree: Environmental Stewardship PLO_2	Students will utilize the environmental science and ecological terminology concepts and principles of corridor ecology, landscape ecology, and ecosystem (adaptive) management as braches of the sciences and the rapid assessment methodology (RAM) developed at De Anza College.	
	Degree: Environmental Stewardship PLO_3	Examine the local wildlife and core corridor areas utilized by wildlife species encountered in the field.	
	Degree: Environmental Stewardship PLO_4	Examine the data analysis equipment and processes used in wildlife corridor technology in the field.	
	Degree: Environmental Stewardship PLO_5	Apply the corridor ecology and connectivity concepts and techniques (including the rapid assessment methodology) to local and statewide corridor case studies to develop strategies in creating and implementing community based, collaborative efforts to preserve, protect, and restore native species, ecosystems, and the landscape.	
	Degree: Environmental Stewardship PLO_6	Demonstrate the ability to communicate with key stakeholders the relationship between corridor ecology/connectivity and the public good with government and resource agencies, agriculture and industry, the public, nonprofits and others to enhance gobal, cultural, social and	

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	Degree: Environmental Stewardship PLO_6	environmental wellbeing.	
	Energy - COAA & Degree PLO_1	Students will investigate and communicate the relationships between energy management / climate policy and ethical justice principles, ecological principles and evaluate the role of energy management in fostering a sustainable society.	
	Energy - COAA & Degree PLO_2	Students will demonstrate an understanding of energy management principles, laws of thermodynamics, effective design of energy systems and a sustainable society utilizing energy management systems.	
	Energy - COAA & Degree PLO_3	Apply the concepts and techniques stated in PLO 1 & PLO 2 to statewide case studies to develop strategies and implement effective energy management systems.	
	Energy - COAA & Degree PLO_4	Identify and interact with the key stakeholders in energy management / climate policy including the public, government and resource agencies, and industry, nonprofits and others to enhance global, cultural, social and environmental well-being.	
Dept - (BHES) Health Technologies	Business Office Clerk-Certificate of Achievement PLO_1	Upon completion of the Certificate of Achievement in Business Office Clerk, the student will be eligible to be employed in this Allied Health Career at a medical facility.	
	Insurance & Coding-Certificate of Achievement PLO_1	Upon completion of the Certificate of Achievement in Insurance and coding, the student will be eligible to be employed in this Allied Health Career and pass the National Certified Coding Associate Examination.	
	Lab Assisting-Certificate of Achievement PLO_1	Upon completion of the Certificate of Achievement in Lab Assisting, the student will be eligible to be employed in this Allied Health Career and pass the National Phlebotomy and EKG Certification Examinations. .	
	Medical Assisting-A.A. degree & COAA PLO_1	Upon completion of the A.A. Degree in Medical Assisting, the student will be able to pass the CA State CMA Certification Examination.	
	Medical File Clerk-Certificate of Achievement PLO_1	Upon completion of the Certificate of Achievement in Medical File Clerk, the student will be eligible to be employed in this Allied Health Career at a medical facility.	
	Medical Laboratory Technician Program	Upon completion of the Medical laboratory Technician Associate's degree, the student will be able to pass a state approved national Medical Laboratory Technology certification examination.	
	Medical Reception-Certificate of Achievement PLO_1	Upon completion of the Certificate of Achievement in Medical Reception, the student will be eligible to be employed in this Allied Health Career at a medical facility.	
	Medical Records Clerk-Certificate of Achievement PLO 1	Upon completion of the Certificate of Achievement in Medical Records Clerk, the student will be eligible to be employed in this Allied Health Career at a medical facility.	
	Medical Secretary-Certificate of Achievement-Advanced PLO_1	Upon completion of the Certificate of Achievement-Advanced in Medical Secretary, the student will be eligible to be employed in this Allied Health career.	
	Medical Transcriptionist-Certificate of Achievement	Upon completion of the Certificate of Achievement in Medical Transcription, the student will be eligible to be employed in this Allied Health Career at a medical facility.	

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	PLO_1	Upon completion of the Certificate of Achievement in Medical Transcription, the student will be eligible to be employed in this Allied Health Career at a medical facility.	
	MLT Degree & COAA PLO_1	Upon completion of the Medical Laboratory Technology Certificate of Achievement-Advanced, students will be able to pass a state approved national medical laboratory certification examination.	
	Phlebotomy Technician I- Certificate of Achievement PLO_1	Upon completion of the Certificate of Achievement in Phlebotomy Technician I, the student will be eligible to be employed in this Allied Health Career and pass the National Phlebotomy Certification Examinations.	
Dept - (BHES) Medical Laboratory Technician	Medical Laboratory Technology Program	The program prepares its students to pass the national MLT certification examination which is needed to obtain a CA MLT license.	
Dept - (BHES) Nursing	Associate Degree Nursing Program	Graduates will be able to pass the professional licensure exam for Registered Nurse (NCLEX)	Communication and Expression
			Critical thinking
			Global, cultural, social and environmental awareness
			Information literacy
			Physical/mental wellness and personal responsibility
	Associate Degree Nursing Program PLO_2	Graduates will be able to provide competent nursing care as a novice RN in multiple healthcare settings	Communication and Expression
			Critical thinking
			Global, cultural, social and environmental awareness
			Information literacy
			Physical/mental wellness and personal responsibility