

BHES PLOs 2025-26 from eLumen

De Anza College

09-20-2026

Bio., Health, Env. Sciences
BIOL - Biology
AST_Associate in Science in Biology for Transfer • Use the scientific process to formulate questions, design experiments to test hypotheses, interpret experimental results to draw conclusions, communicate results both orally and in writing, and critically evaluate the use of the scientific method from published sources • Apply evolutionary theory at the molecular, cellular, organismal and population levels to explain the unity and diversity of living things
AS_Biological Sciences • Design and complete a biological research project applying scientific methods • Correlate structure and function in biological systems
E S - Environmental Studies
AA_Environmental Resource Management and Pollution Prevention • Identify both fundamental and advanced environmental management/pollution prevention issues and apply sustainable solutions • Understand and appreciate the broader context of their work in terms of achieving a sustainable society
AS_Energy Management and Building Science • Investigate and analyze energy use and its relationship to non-renewable energy extraction, production, distribution, consumption and greenhouse gas emissions • Apply an understanding of energy management and building science principles, techniques and strategies, the laws of thermodynamics and the sustainable use of resources supporting the built environment • Demonstrate knowledge of the above objectives and strategically conceptualize and implement efficient and sustainable energy management policies, procedures and systems in residential and commercial buildings • Engage with key stakeholders in energy management and building science occupations including the public, government agencies, public industry, manufacturing and non profits to enhance, improve and advocate for global, cultural, social and environmental he
AS_Facility and Sustainable Building Management • Assess the roles and responsibilities of Facility Managers and understand the technical and business skills required in the Facility Management profession • Analyze and understand the basics of building automation and sustainable building systems • Understand the cross-functional nature of the successful facility manager and be able to identify internal and external stakeholders • Demonstrate the ability to track internal and external customer relationships in facility management
COAA_Energy Management and Building Science • Investigate and analyze energy use and its relationship to non-renewable energy extraction, production, distribution, consumption and greenhouse gas emissions • Apply an understanding of energy management and building science principles, techniques and strategies, the laws of thermodynamics and the sustainable use of resources supporting the built environment • Demonstrate knowledge of the above objectives and strategically conceptualize and implement efficient and sustainable energy management policies, procedures and systems in residential and commercial buildings
COAA_Environmental Resource Management and Pollution Prevention • Identify both fundamental and advanced environmental management/pollution prevention issues and apply sustainable solutions
COAA_Facility and Sustainable Building Management • Assess the roles and responsibilities of Facility Managers and understand the technical and business skills required in the Facility Management profession • Analyze and understand the basics of building management and energy efficiency systems
COA_Energy Management and Building Science

- Investigate and analyze energy use and its relationship to non-renewable energy extraction, production, distribution, consumption and greenhouse gas emissions
- Apply an understanding of energy management and building science principles, techniques and strategies, the laws of thermodynamics and the sustainable use of resources supporting the built environment

COA_Environmental Resource Management and Pollution Prevention

- Identify fundamental environmental management/pollution prevention issues and apply sustainable solutions

COA_Facility and Sustainable Building Management

- Assess the roles and responsibilities of Facility Managers and understand the technical and business skills required in the Facility Management profession

ESCI - Environmental Science**AST_Associate in Science in Environmental Science for Transfer**

- Demonstrate knowledge of how human activities impact the environment through the use of scientific skills

HLTH - Health**PSLO**

No PSLOs

HTEC - Health Technologies**AA_Medical Laboratory Technology**

- Pass a state approved national medical laboratory certification exam

AS_Medical Assisting

- Be prepared to pass the State Medical Assisting Certification Examination

COAA_Medical Assisting

- Be prepared to pass the State Medical Assisting Certification Examination

COAA_Medical Laboratory Technology

- Pass a state-approved national medical laboratory certification exam

COA_Business Office Clerk

- Be eligible to be employed in a medical facility, hospital, clinic or doctor's office

COA_Clinical Laboratory Assistant

- Qualify and be eligible for jobs as a clinical laboratory assistant

COA_Insurance and Coding

- Be eligible to be employed in a medical facility, hospital, clinic or doctor's office
- Be prepared to pass the National Certified Coding Associate Examination

COA_Lab Assisting

- Be eligible to be employed in a medical facility, hospital, clinic or doctor's office
- Be prepared to pass the National Phlebotomy and EKG Certification Examinations

COA_Medical File Clerk

- Be eligible to be employed in a medical facility, hospital, clinic or doctor's office

COA_Medical Reception

- Be eligible to be employed in a medical facility, hospital, clinic or doctor's office

COA_Medical Records Clerk

- Be eligible to be employed in a medical facility, hospital, clinic or doctor's office

COA_Medical Transcribing with Editing

- Be eligible to be employed in a medical facility, hospital, clinic, doctor's office or research center

COA_Phlebotomy Technician I

• Be prepared to pass the National Phlebotomy Certification Examination
NURS - Nursing
AS_LVN Transition to RN • Pass the professional licensure exam for Registered Nurse (NCLEX) • Provide competent nursing care as a novice RN in multiple health care settings
AS_Registered Nurse (RN) • Pass the professional licensure exam for Registered Nurse (NCLEX) • Provide competent nursing care as a novice RN in multiple health care settings
NUTR - Nutrition
PSLO No PSLOs