

University College Water Resources, M.W.R

Broad Learning Goals

- A. Students will understand the physical, ecological, economic, and socio/cultural aspects of water in the human environment.
- B. Students will develop skills related to measurement, modeling, analysis, and assessment of water resources.
- C. Students will develop skills in field, laboratory, electronic, and library research methods for generating and acquiring information and data on issues of water resources management.
- D. Students will develop written and oral communication skills.
- E. Students will learn to work in groups.

Student Learning Outcomes

- A1. Students will be able to explain the hydrologic cycle.
- A2. Students will be able to explain the relationship between water characteristics and occurrence and the aquatic environment.
- A3. Students will be able to explain the economic consequences of water and its scarcity or abundance.
- A4. Students will be able to explain the administration and regulation of water resources in NM and the southwestern US.
- A5. Students will be able to describe the social and cultural aspects of water in NM and the southwestern US.
- B1. Students will demonstrate the ability to formulate quantitative relationships to explain hydrology and its relation to water resources.

- B2. Students will demonstrate the ability to formulate quantitative relationships to explain hydrology and its relation to water resources.
- C1. Students will demonstrate familiarity with field, laboratory, electronic and library methods for collecting data relevant to water resources problems.
- C2. Students will demonstrate their ability to analyze data and information related to water resources.
- D1. Students will demonstrate effective written communication skills.
- D2. Students will demonstrate effective oral communication skills.
- E1. Students will demonstrate their ability to work in groups of their peers.