Transcript – Water Resources

Introduction

Australia is the driest continent on earth and the supply, treatment and conservation of water is one of our most pressing issues. The new Bachelor of Science Water Resources draws on a range of disciplines to gain a whole-of-water-cycle understanding.

Griffith's expertise in water is underpinned by researchers at the Australian Rivers Institute and have access to Queensland's SmartWater Facility, now under construction at our Gold Coast campus.

Title: How will this new degree help tackle Australia's current and future water problems?

Dr Fran Sheldon: Well, the new Bachelor of Science, Water Resources degree, will give students a comprehensive understanding of the whole-of-water cycle from catchments to coast, and also from the water sources to household taps. Graduates will have the knowledge to work in the water resource management sector in aquatic conservation and restoration and also in monitoring water quality.

Title: How big is the need for water scientists?

Dr Fran Sheldon: Well the water industry is growing rapidly both in Australia and internationally and so there is a growing need for water scientists to work with government departments and other agencies, in environmental and engineering consulting firms and also in other water related industries.

Title: What are the three majors within the degree?

Dr Fran Sheldon: The three majors of the Bachelor of Water Resources degree will be Aquatic Science, where students will really take an ecosystem understanding of inland aquatic systems. The water Quality and Technology major is far more chemical focussed. They'll be looking at water quality and treatment. And the Water Governance major is focussed on policy management and economics of water related systems

Title: What type of job outcomes can graduates expect?

Dr Fran Sheldon: Graduate should find employment in a range of water related industries, in policy and management arenas, conservation and restoration of inland aquatic systems, in environmental consultancy and engineering or water resource planning, waste water treatment, water quality treatment and analysis. Graduate from this degree will be playing a really important role in water related industries, not only here in Australia, but also overseas

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