



## Certificate of Achievement

# Josep Baró Farreny

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
**THE UNIVERSITY OF WESTERN AUSTRALIA**

Discover agricultural economics and learn how to use economics for better decision making and efficiency in agriculture.

6 weeks, 4 hours per week



**David Pannell**

Professor of Agricultural and Resource Economics  
The University of Western Australia



THE UNIVERSITY OF  
**WESTERN  
AUSTRALIA**

The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit [futurelearn.com/proof-of-learning/certificate-of-achievement](https://futurelearn.com/proof-of-learning/certificate-of-achievement).

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.

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**THE UNIVERSITY OF WESTERN AUSTRALIA**

**86%**  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

### STUDY REQUIREMENT

6 weeks, 4 hours per week

### SYLLABUS

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.