

3 Courses

Question Reality: Cosmos

Question Reality: Matter

Question Reality: Mind



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## **Rafael Vela**

has successfully completed the online, non-credit Specialization

## Question Reality! Science, philosophy, a search for meaning

Learners who complete this Specialization will be able to: A. Communicate with others about the latest scientific discoveries in various disciplines including cosmology, quantum physics, mathematics, machine intelligence and cognitive science. B. Identify key points in history where scientific advances changed humanity's philosophy and understanding of the nature of reality and our place in the Universe. C. Reflect on and examine their own worldview and identify if any changes occurred during this course. D. Confidently argue about scientific evidence, philosophical viewpoints, and others' interpretations of both. E. Demonstrate how the scientific method works, its limitations, and how scientists use it to construct knowledge about physical reality.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.



Marcelo Gleiser, Professor of Physics and Astronomy Director, Institute for Cross-Disciplinary Engagement Dartmouth College

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