Research Design with Idea Puzzle

Overview
This intensive two-day methodological course is elective for PhD students who are enrolled in a doctoral programme. It will help you coherently align the theory, method, data, rhetoric, and authorship of a research proposal, article or thesis in the light of philosophy of science.

During the course
During the course, we will: 1) review examples, definitions, introductions, tips, and bibliography of the Idea Puzzle software, 2) create an individual research design with the Idea Puzzle software, and 3) give feedback to each individual research design.

After the course
Five business days after the course, you will deliver the final version of your individual research design created with the Idea Puzzle software for the lecturer to insert 21 comments of personalised feedback (one per each of the 21 decisions of the Idea Puzzle software).

Learning outcomes
At the end of the course, you will be able to: 1) acknowledge the relation between Philosophy of Science and research design; 2) coherently align the theory, method, data, rhetoric, and authorship of a research proposal, article or thesis with the Idea Puzzle software; and 3) diagnose the strengths and weaknesses of a research project.

Course materials

All course participants will have access to the Idea Puzzle software as well as to the lecturer's presentations and 21 comments of personalised feedback to their individual research design.

Key dates and assignments

- Day 1: Two sessions of 2 hours each for the creation of a research design with the Idea Puzzle software.

- Day 2: Two sessions of 2 hours each for feedback to individual research designs.

- Five business days after Day 2: Delivery of assignment 1 with your final research design created with the Idea Puzzle software for the lecturer to insert 21 comments of personalised feedback (one per each of the 21 decisions of the Idea Puzzle software).

Lecturer

Ricardo Morais, married and father of three daughters, is Head of the Management Department at Católica Porto Business School, coordinator of the doctoral seminar "How to design your PhD" at the European Institute for Advanced Studies in Management (EIASM) in Brussels, CEO of Idea Puzzle, and alumni of HPI School of Design Thinking in Germany. He holds a PhD in Strategic Management from the University of Jyväskylä, Finland, having graduated in Management from the Faculty of Economics of the University of Porto. His research interests are interdisciplinary, including Philosophy of Science, Strategic Management, and Design Thinking. Since 2002, he has published more than 30 academic articles, chapters, and papers about these topics and lectured in over 80 higher education institutions in 20 countries. He is a member of the Philosophy of Science Association, Strategic Management Society, and Academy of Management. Since 1996, he has founded three start-ups, in Brazil, Finland, and Portugal, and was a consultant in projects for the European Commission, Revenio Group, Sonae Indústria, INESC Porto, Portuguese Government, Deloitte, and Azores Chamber of Commerce and Industry.

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Testimonial

Davide Gotti, PhD Student, Electrical Engineering, Universidad Carlos III de Madrid, Spain
Your course was very enlightening and I am using your tips to plan my actual research project, and more generally my PhD thesis, with deeper consciousness.

Syllabus of the Course

Course name   Research Design with Idea Puzzle
Online Sessions   December 10 and 17 | 10:00-14:00 h. (Spanish peninsular time)
Lecturer   Ricardo Morais
Language   English
ECTS credits   1 ECTS
Places available   20 participants

Objective

The objective of this elective course is to help PhD students coherently align the theory, method, data, rhetoric, and authorship of a research proposal, article or thesis in the light of Philosophy of Science.

Description

The course adopts a hands-on approach to the design and diagnosis of a research project with the Idea Puzzle software. In particular, the course will cover the following topics:

- Relation between epistemology, methodology, ontology, and axiology;
- Coherence between theory, method, data, rhetoric, and authorship;
- Doctoral research as a system of 21 dilemmatic decisions.

Learning outcomes

After the course, participants will be able to: 1) acknowledge the relation between Philosophy of Science and research design; 2) coherently align the theory, method, data, rhetoric, and authorship of a research proposal, article or thesis with the Idea Puzzle software; and 3) diagnose the strengths and weaknesses of a research project.

Prerequisites

To be enrolled in a doctoral programme.

Performance assessment

Attendance and participation (20%) - learning outcomes: 1, 2 and 3
Participants are encouraged to: 1) attend all sessions and 2) actively engage with the lecturer and peers during team work and individual presentations.

Assignment 1 (80%) - learning outcomes: 2
Five business days after the course, each participant is required to deliver a Word document with a research design created with the Idea Puzzle software. The Word document must be named Y20_Name_Surname_A1 and contain the answer to the 21 questions of the software for the lecturer to insert 21 comments of personalised feedback (one per each of the 21 decisions of the Idea Puzzle software).