

Network Analysis for the Humanities and Social Sciences

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What is this course about?

- Everything is connected: the books we read, the communities we belong to, the ideas that shape our world—they all form networks.
- This course teaches you to see, map, and analyze those connections using the tools and thinking of network science.
- We apply network analysis to the Humanities and Social Sciences: literature, history, politics, culture, and language.

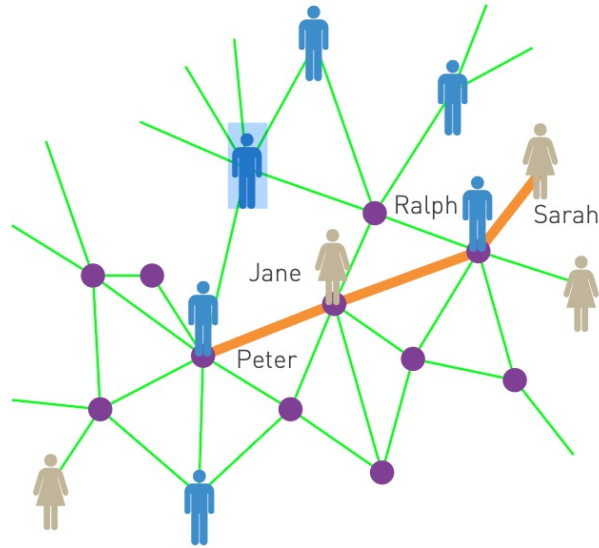
What will you learn?

- Core concepts: Networks, complex systems, small-world phenomena, and how they apply to humanistic inquiry.
- Practical skills: Collect, clean, visualize, and compute metrics on real-world network data using accessible digital tools.
- Critical thinking: Evaluate patterns, assess the limits of data-driven claims, and judge when networks help—and when they don't.
- Communication: Translate complex findings into clear narratives and effective visualizations.
- Original research: Design and carry out your own network study on a topic you care about.



How the course works

- Lectures & activities: Interactive sessions with real-world examples.
- Hands-on labs: Practical sessions where you work with digital tools to collect, visualize, and analyze network data step by step.



Who is this course for?

- Humanities students wanting to add data skills to their toolkit.
- Social science students curious about computational methods.
- Science and engineering students interested in human and cultural applications.
- Anyone who wants to understand how our world is interconnected.
- No prior technical experience is needed—just curiosity.

