WEBS6203
Interdisciplinary Thinking
W3 Processes
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http://www.edshare.soton.ac.uk/13441/

These slides cover activities throughout the first week’s three meetings
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**Vacation 1-3**

**Exam period**
How you will demonstrate your learning

**Poster**
- Communicate key points in visually compelling manner

**Report**
- Provide a structured overview of your chosen areas

- reading
- thinking
- blogging
- discussing
- reviewing
- reflecting
- revising
Use ECS notes as your reference point


What you will do

Develop your understanding of interdisciplinary by addressing a research question from two disciplinary perspectives.

Synthesise your understandings of the two topics, explaining the way in which this could be investigated as a piece of Web Science.

- You will produce a report presenting your research, arguments and conclusions
- You will produce a poster which presents an overview of your work in a compelling and visually appealing manner

This is an individual research activity however you are encouraged to work collaboratively with your peers

- discussing work in progress
- presenting emerging ideas and understandings via a module blog
- conducting a peer review prior to the final deadline
- presenting a summary of your peer review observations to the group

You are encouraged to create living curations of your work using tools such as Mendeley, Pinterest, or ScoopIt

URL: http://itd.ecs.soton.ac.uk/module/WEB6203/2014-2015 | Open Link Data for this Module

https://secure.ecs.soton.ac.uk/module/1415/WEBS6203/33406/
Support materials

- Module page
  - Work plan
  - Hand in (fixed dates)
  - In the wild
    - HESA disciplines
    - WAIS/DTC
    - Overview
    - Processes
    - Research
    - Supplementary
      - Mendeley
      - Visual literacies
      - Creation
      - Poster pointers
      - Reflection
      - Blogs
  - Example posters and reports
  - Previous posters
  - Existing research
  - Example posters and reports

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Resources via the module page

- Walk through
Blog contributions

- You will receive an invitation to the blog
- Make a simple contribution
- Your Name
- A photo - please 😊
- Some reflection

- Suggested format for your reflections
- What?
  - Reporting on a thought, event, stage of understanding
- So What?
  - What are the implications?
- Now What....
  - How are you going to progress things?
reminders
Overview of the process
What we expect you to do

1. **DEFINE** problems, issues, topics or questions that warrant interdisciplinary examination

2. **PRESENT** a clear rationale for taking interdisciplinary approach including the advantages to be gained

3. **IDENTIFY** relevant disciplines

4. **CONDUCT** a literature review (what is known on the topic from each of the disciplines)

5. **DEVELOP** a command of each relevant discipline set out the analytical structure central to each discipline, identify key underlying assumptions, and methods of evaluation.

6. **STUDY** the problem and generate insights including predictions from each of the relevant disciplines - in isolation!!

7. **IDENTIFY** conflicts between and/or areas of complementary between the insights offered from each discipline

8. **CREATE** common ground by developing a cohesive framework of analysis that incorporates insights from the relevant disciplines in a systematic manner

9. **COMBINE** disciplinary insights to construct new more integrated understanding of the problem

Repko & Welch 2005
The flow of activities

- Problem
- Disciplinary insights
- Integration
- Understanding
The scope of interdisciplinarity
Selecting your topic:
What to do next

- Think about your target contributory topics
- Look into their foundational concepts
- Consult textbooks (university library)
- Look at programme specification (online, this university and others)
- Watch a few video lectures - e.g. YouTube, ITunesU
- Talk to your fellow students
- Reflect on your other lecture content
- Look at proceedings from previous web science conferences
- Establish some shared working methods
Look at the posters & reports

- Individually or in groups
- Use this as a guideline
An idea of web science you may have seen...
Another...