

# COMP6037: Foundations of Web Science

## Introduction to COMP6037 & Context of Web Science at Southampton

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# COMP6037: Foundations of Web Science

- Pilot (first time!) of a new module
- The cornerstone of a new MSc in Web Science
- The MSc is the basis of a new Doctoral Training Centre
  - October 2009, 4-year postgraduate training
- Web Science is itself a new discipline
- It's all new, exciting & challenging

# COMP6037: Foundations of Web Science

## The Aim is to make a cohort of Web Scientists

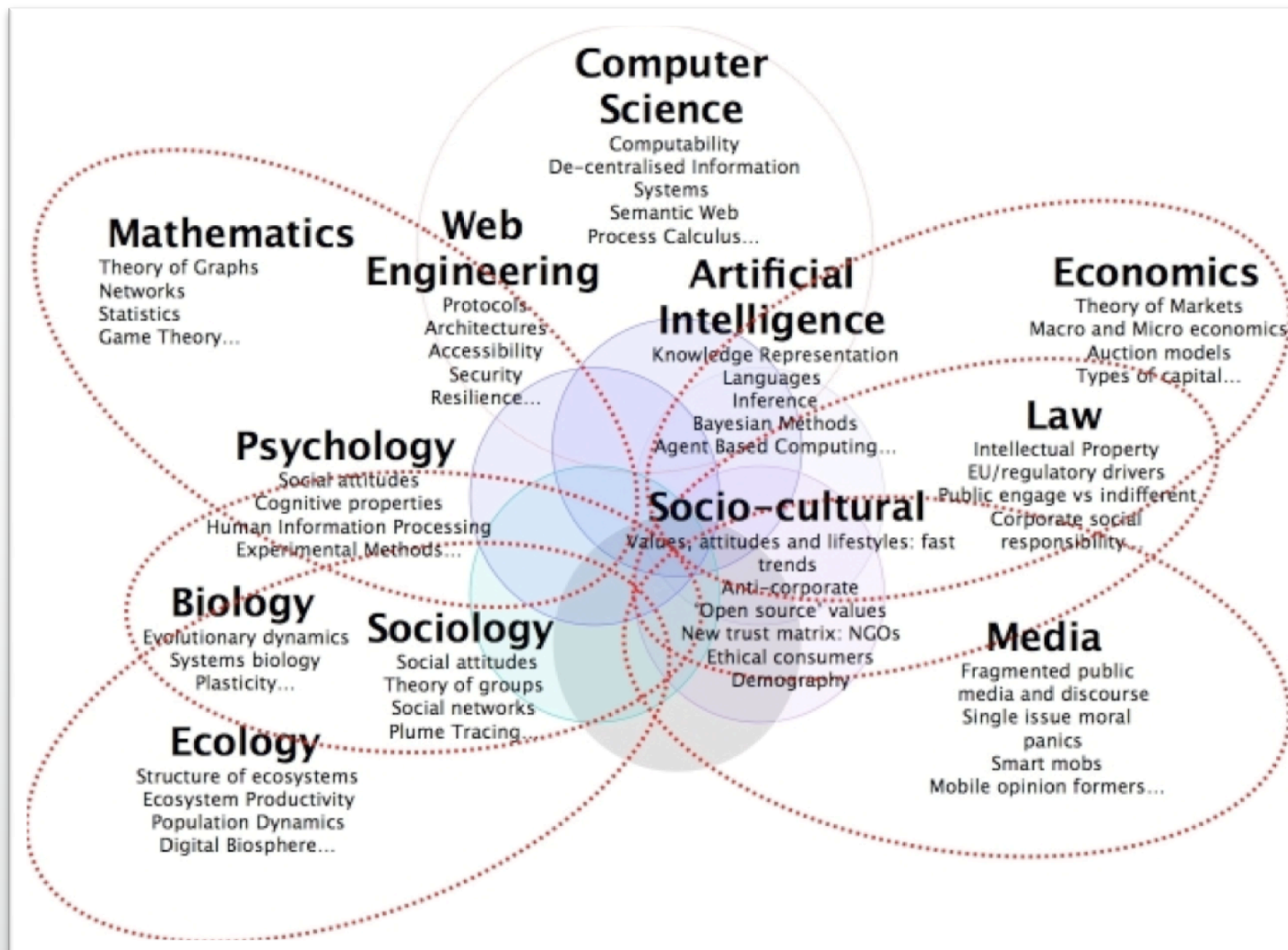
- To carry out deep and significant research, situated in a wider context, promoting Web Science in the academic community and forming a hub for research activity.
  - (a) Develop appropriate research skills,
  - (b) Understand different disciplinary approaches
  - (c) Create a coherent community.

# COMP6037: Foundations of Web Science

## What is Web Science?

- understand how the Web shapes and is shaped by society  
e.g. analyse the impact of the Web on business, government, law and science, and how the Web is adapted and changed by these entities
- uses multi-disciplinary techniques to explore the impact of the Web on all aspects of human society, from the individual right through to national and global scales.
- pioneered by Web Science Research Initiative (WSRI)
  - ECS in the UK and MIT in the US

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- <http://www.ecs.soton.ac.uk/notes/comp6037/>

The screenshot shows a web browser window displaying the course page for COMP6037 Foundations of Web Science. The browser's address bar shows the URL <https://secure.ecs.soton.ac.uk/notes/comp6037/>. The page header includes the University of Southampton logo and navigation links such as ECS Home, Intranet, Knowledgebase, MyECS, UG & MSc, Staff & PG, and Webmail. A search bar is also present.

**COMP6037 Foundations of Web Science**

Welcome to the MSc module on Web Science. The course is taught by [Dr Les Carr](#), [Dr Mark Weal](#) and [Dr Catherine Pope](#). The course is designed to introduce you to a range of topics on the science of the Web. Elsewhere you will have learned how to create web sites and web applications; Web Science is the study of the impact of the Web on human society, and also the effect that human society is having on the future development of the web.

**Lecture Notes**

The lecture notes will be made available during the course. [Schedule of lecture topics](#) during the module

**Assignment**

This module is assessed entirely by coursework.

**Tutorials**

The tutorial sessions are problem-oriented sessions that help you to understand and practice the ideas that you have heard in the lectures.

**Notices**

**Syllabus**

[The syllabus](#) is available online.

**Lecture Times**

Monday lecture at 11:00 in B7/3027.  
Wednesday lecture at 11:00 in B44/1057.  
Friday tutorial at 11:00 in B6/1081.

[Is this page inaccurate, incomplete or out of date? Do you have a suggestion?](#)

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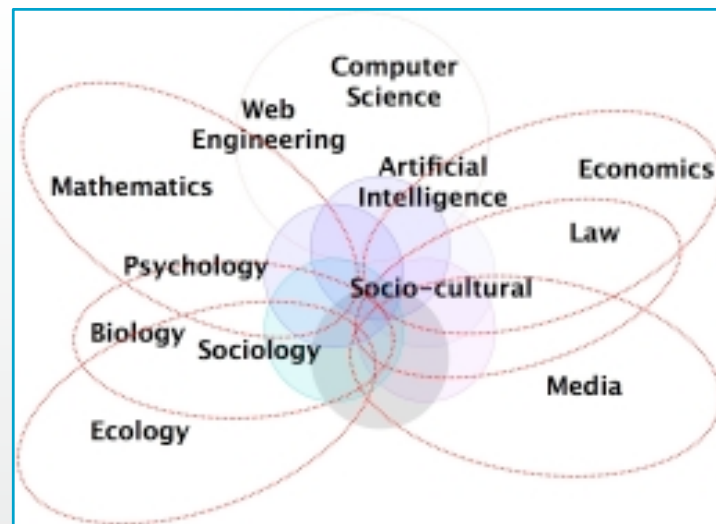
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	<b>Monday 11am</b>	<b>Wed 11am</b>	<b>Fri 11am (Practical/Tutorial)</b>
<b>1: Feb 2nd</b>	Introduction to module	What is WebScience (Nigel Shadbolt, Professor of Computing)	<i>What is Web Science? Press Releases</i>
<b>2: Feb 9th</b>	The Web Graph	Web Graph Analysis	<i>DIY Google</i>
<b>3: Feb 16th</b>	Social Networking	Social Network Analysis	<i>Facebook Analysis</i>
<b>4: Feb 23rd</b>	Money, Markets and The Web (Robin Mason, Professor of Economics)	Process Lecture I: Using A Wiki	<i>Music Rights: Coldplay vs Metallica</i>
<b>5: Mar 2nd</b>	Individuals, Behaviour Change and the Web (Lucy Yardley, Psychology)	Process Lecture II: Planning Your Wiki	<i>Making People Healthier (Behavioural Change and the Web)</i>
<b>6: Mar 9th</b>	Groups, Society and the Web (Cathy Pope, Sociology)	Gender, Power and the Web (mc schraefel, ECS)	<i>Families on the Web (Facebook, Flickr, Geanealogy)</i>
<b>7: Mar 16th</b>	Virtual Conference Week: Link to WebSci09		
<b>8: Apr 20th</b>	Security, Law & Governance (Caroline Wilson, Professor of Law) [VIDEO]	Politics & Privacy (Kieron O'Hara, ECS)	<i>Plagiarism &amp; copyright</i>
<b>9: Apr 27th</b>	The Future of Web Science and Your Future (Wendy Hall, Professor of Computing)	External Lecture: Journalism and the Web (Martin Moore, Director of Media Standards Trust)	<i>Redraw the Tim Berners-Lee Map of the Web</i>
<b>10: May 4th</b>	Review of Course Topics	Coursework Assistance Tutorials	Coursework Assistance Tutorials

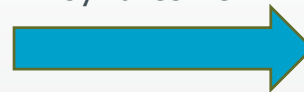
## Course Schedule

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- Assessment: 100% coursework (ie no exam)



synthesize



Wiki  
Semantic Wiki  
Blogs  
Facebook Pages  
Podcasts  
Del.icio.us  
Diggs