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

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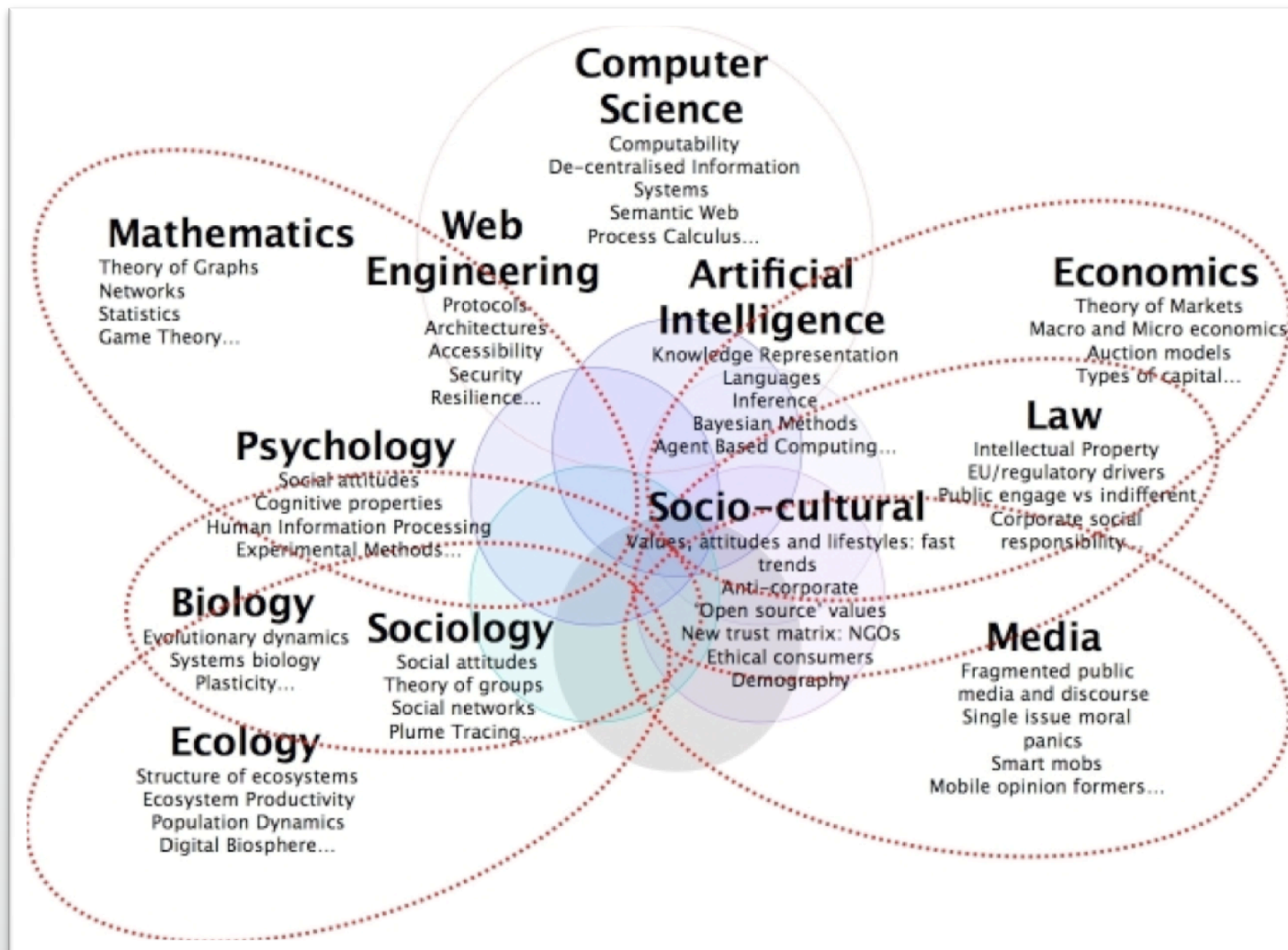**The Aim is to make a cohort of Web Scientists**

- 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.

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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/

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

Course Schedule

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- Assessment: 100% coursework (ie no exam)
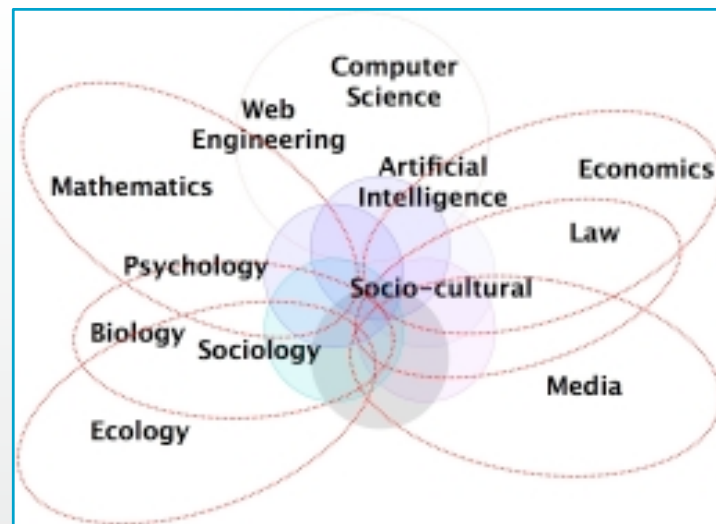
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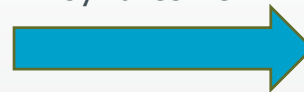
Wiki

Semantic Wiki

Blogs

Facebook Pages

Podcasts

Del.icio.us

Diggs