



**GRADUATE PROGRAM IN INFORMATION SCIENCE**  
**Course Programme**

CODE	NAME	THEORETICAL hour load	PRACTICAL hour load	CREDITS	TOTAL hour load
CIN 924	The Ecology of Machine Information	4	0	4	60

**DEFINITION**

Epistemology of Informatics and Information Technology, Information Philosophy and Contemporary Relations between Information and Technology.

**BASIC BIBLIOGRAPHY**

ALLIAUME et al. **The web Giants**. Paris. OCTO. 2016.

DAVIS, M. **O Computador Universal**. Lisboa: Ed. Bizâncio, 2000.

FLORIDI, L. **The Fourth Revolution: How the Infosphere is Reshaping Human Reality**. New York, OUP Oxford. 2014.

GLEICK, J. **A Informação**. São Paulo: Companhia das Letras, 2013.

HENDLER, J., MULVEHILL, A. **Social Machines: The Coming Collision of Artificial Intelligence, Social Networking, and Humanity**. New Jersey. Ed. Apress. 2016.

JENKINS, H., ITO, M., BOYD, D. **Participatory Culture in a Networked Era: A Conversation on Youth, Learning, Commerce, and Politics**. Ed. Polity. 2016.

SANDER, W., NART, W. **We are Big Data: The Future of the Information Society**. Atlantis Press. 2016.

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SIGNATURE OF THE COURSE COORDINATOR