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Master Scholarships in Complex Systems Science, Erasmus Mundus, Europe

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[University of Warwick](#), [Ecole Polytechnique \(Paris\)](#), [Chalmers University](#) and [University of Gothenburg](#) are pleased to announce a new **joint Masters Programme in Complex Systems Science**

A “complex system” comprises many interacting components leading to multiple levels of collective structure and organization. Examples include natural systems ranging from bio-molecules and living cells to human social systems and the ecosphere, as well as sophisticated artificial systems such as the Internet, power grid or any large-scale distributed software system. It is a key challenge for our society to better understand, adapt, design and control such systems.

Our Masters degree teaches the tools to analyse complex systems and to understand their emergent behaviour. Students are offered a variety of research project opportunities to develop experience applying this to fresh challenges from the real world and within academic research.

We offer an exceptional cross-disciplinary environment and experience, with the programme based around three leading research centres in Complex Systems, associated with the Universities of Warwick (UK), Ecole Polytechnique (de Paris, France), and Chalmers/Gothenburg (Sweden). The European Complex Systems Society is an associated partner

The programme runs over two years (120 ECTS); it is half taught and half by research and leads to a JOINT (or double) Masters degree of University of Warwick, Ecole Polytechnique, Chalmers University (Gothenburg) and the University of Gothenburg. Students will be required to spend extended time in at least two centres and to join in events/collaborations across all three. Admissions are centralised (students must apply through Warwick, the coordinating node) and successful candidates will start in September at the Centre whose initial teaching provides the best bridge between their [undergraduate](#) background and the programme as a whole. All students will have mobility opportunities after six months, and earlier for some well prepared students.

Applicants should be competent in [mathematics](#) and/or mathematical modelling, to the level of a mathematically based undergraduate degree (including but not restricted to sciences and [engineering](#)). That degree also needs to be of high standard. We are happy to consider equivalent professional experience.

Instruction will generally be available in English, in which all students will be required to have some competence. Local language support will be available at the respective nodes to help students integrate. Each Centre has staff speaking a wide range of European languages and will allocate each student a mentor with some language in common.

UNIVERSITY OF WARWICK , [United Kingdom](#) (Coordinating institution)

ECOLE POLYTECHNIQUE, France

[CHALMERS UNIVERSITY OF TECHNOLOGY](#), Sweden

UNIVERSITY OF GOTHENBURG, Sweden

in association with the COMPLEX SYSTEMS SOCIETY.

Course Duration: 2 years

Location: each student spends time in at least two of Warwick, Paris, Gothenburg

[Erasmus Mundus](#) Scholarships available, for both EU and “third country” (overseas) students.

Website: www.warwick.ac.uk/go/cssm

Applications for study in Autumn 2013 NOW OPEN!- closing date **7th January 2013**

For more information please visit our website: <http://scholarshipsbank.com/master-scholarships-in-complex-systems-science-erasmus-mundus-europe/>

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