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## PhD in Physical Chemistry, Lund University, Sweden

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[Research](#) studies and teaching in one of Europe's leading research environments in surface and colloid [chemistry](#). The research studies comprise own courses and own research involving at least 80% and teaching involving at most 20% of full time.

The research project comprises mainly of Monte Carlo and dynamical simulation studies of hierarchical polymers in solution and their adsorption properties in close collaboration with existing experimental activities, mainly at KTH in Stockholm.

### Eligibility / Entry Requirements

Basic entry requirements for PhD studies are: a degree at advanced level, courses to an extent of at least 240 credits, of which at least 60 at advanced level, or corresponding proficiencies acquired in Sweden or elsewhere.

Master in chemistry or physics, from similar [engineering](#) program, or corresponding qualifications. In addition, it is strongly favorable with knowledge in surface-, colloidal, and/or polymer chemistry/physics; statistical [mechanics](#) and intermolecular forces as well as practical experience of [computer](#) simulations and programming in Fortran or C++. To the application the applicant shall attach a CV that includes courses taken and their grades as well as other information relevant for the application.

### Basis of Assessment

Regulations for employment as a [postgraduate](#) student can be found in the Swedish Statute [Book](#) (SFS 1998:80). Only those admitted to postgraduate studies can be appointed to such a position. When appointing applicants to such a position, first and foremost their ability to benefit from postgraduate studies must be taken into consideration. In addition to pursuing postgraduate studies, the [doctoral](#) student may also perform other duties, including research, teaching and [administration](#), according to the specific regulations.

Deadline: 2011-08-31

### For further information please contact:

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Last updated: 16 August 2011