Programme overview
The programme provides you with the opportunity to acquire an advanced level of theoretical and practical knowledge and skills within the fields of analytical, organic, organometallic and coordination chemistry. Through a combination of advanced courses and a Master’s degree project or projects, you are given the opportunity to specialise in the fields mentioned. The Master’s degree project must correspond to at least 30 ECTS credits.

Studies build on a previous grounding in chemistry and enable you to develop the ability to apply independent ideas to issues and problems in chemistry or its neighbouring fields.

Programme modules/courses
**COMPULSORY COURSES:** Advanced level courses in chemistry comprising at least 30 credits, of which 15 ECTS should be within the fields stated above, and a Master’s degree project comprising at least 30 credits.

Career prospects
The programme will provide you with general and subject-related skills that equip you for employment in the chemical industry, related industries or the public sector, or for PhD studies. You will also develop your own learning skills in such a way that you are prepared for lifelong learning.

Entry requirements and how to apply
**ENTRY REQUIREMENTS**
A Bachelor’s degree of at least 180 credits or the equivalent, including at least 90 credits in chemistry, of which at least 7.5 credits must be in general chemistry, 15 credits in physical chemistry, 15 credits in inorganic chemistry, 22.5 credits in organic chemistry, 15 credits in analytical chemistry. In addition to courses in chemistry, 15 credits in mathematics are required. English Level 6 (equivalent to IELTS 6.5, TOEFL 90). See www.lunduniversity.lu.se for details on English proficiency levels.

**HOW TO APPLY**
1. Apply online:
   Go to www.lunduniversity.lu.se/chemistry-synthetic-analytical. Click on “Apply” and follow the instructions for the online application at the Swedish national application website www.universityadmissions.se. Rank the chosen programmes in order of preference.
2. Submit your supporting documents: Check what documents you need to submit (i.e. official transcripts, degree diploma/proof of expected graduation, translations, proof of English, passport) and how you need to submit them at www.universityadmissions.se.
3. Pay the application fee (when applicable).

**SELECTION CRITERIA/ADDITIONAL INFORMATION**
The selection will be based on grades awarded for previous academic courses in science, engineering and mathematics.

**TUITION FEES**
There are no tuition fees for EU/EEA citizens. For non-EU/EEA citizens, the tuition fee for this programme is SEK 145 000 per year. See www.lunduniversity.lu.se for details on tuition.

“This programme gives you a lot of freedom to develop yourself and your specific interests. If you have an idea and specific interests, you can talk with your professors and they will guide you and give very useful suggestions to achieve your goals through the courses on offer. One of the best things about studying here is meeting people from different cultures, with different academic experiences and with different ideas.”

Yutang Li from China
About the Department of Chemistry
The Department of Chemistry at Lund University provides world-class education and research within a wide area of chemistry. The Department of Chemistry is situated at Kemicentrum, Scandinavia's largest center for research and education in chemistry. It is a unique research environment close to several major research centers, research parks and industries.

The Department of Chemistry has a unique strength in undergraduate and postgraduate education in all areas of chemistry, as we belong to both the Faculty of Science and the Faculty of Engineering (LTH).

About Lund University
Lund University was founded in 1666 and is repeatedly ranked among the world’s top 100 universities. The University has 40,000 students and 7,400 staff based in Lund, Helsingborg and Malmö. We are united in our efforts to understand, explain and improve our world and the human condition.

Lund is the most popular study location in Sweden. Lund University offers one of the broadest ranges of programmes and courses in Scandinavia, based on cross-disciplinary and cutting-edge research. The University has a distinct international profile, with partner universities in over 70 countries.

Lund University has an annual turnover of SEK 8 billion, two-thirds of which are destined for research. Our eight faculties conduct strong research in many different areas, including over thirty research fields in which we are world-leading. Many scientific breakthroughs and pioneering innovations have originated from Lund University.

The world-leading research facilities MAX IV and ESS which are being established in Lund will be of great significance for research and industrial development within materials and life sciences. MAX IV, which was inaugurated in 2016, is the world’s foremost synchrotron radiation facility and the ESS will be the most powerful neutron source in the world once it opens for research in 2023. Science Village Scandinavia is developing nearby, destined to become a meeting place and a test environment for research, education and entrepreneurship.

Learn more at www.lunduniversity.lu.se
Ask questions and follow news at facebook.com/lunduniversity

CONTACT
Programme webpage
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