**Polymer Materials Science**

An English Master Program in a Field of the Future

Polymer Materials Science is an interdisciplinary Master Program in the field of polymer science in collaboration of the Martin-Luther-University Halle-Wittenberg and the University of Applied Sciences Merseburg. You will obtain a multifaceted education in one of the central industrial growth sectors. Nowadays, polymer research is performed as a multidisciplinary collaboration among physicists, chemists, and engineers, working new knowledge on making, characterizing, processing, and understanding the molecular basis of novel functional materials. Our course program is research-oriented and offers a polymer-synthetic or a polymer-physical and engineering specialization, and thus qualifies for work in industry as well as advanced training on the PhD level.

**MFU, Faculty of Natural Sciences II – Chemistry, Physics and Mathematics**

The faculty, with its two institutes of Chemistry and Physics, is prominently oriented towards research in the broad area of condensed matter and materials science. About one quarter of the 30 professors and research groups work in the area of macromolecular science and soft matter. Synthetic polymers are the main topic of the Experimental and Theoretical Polymer Physics Group, the Macromolecular Chemistry Group, the Physical Chemistry of Polymers Group, the NMR Group as well as the Monomaterials Science Group. Several other groups at the Max-Planck and Fraunhofer Institutes, as well as at the Center of Engineering Sciences and the Life Sciences Faculty, have activities in the polymer field and are actively contributing. In the teaching provided within the Master Program.

University of Applied Science - Department of Engineering and Natural Sciences

The department is focused on an engineering and application-oriented teaching and research. This covers the fields of polymer sciences and plastics engineering as well as machine construction/technikum and environment/technikum.

**Comprehensive Halle-Merseburg (KKE) and the proximity to industrial problems as well as practical applications of polymer materials allow the students application-oriented research topics, for example for their thesis.**

**The Degree**

Master of Science (M.Sc.)

**Regime of the Course**

Each semester

**Prerequisites for the Course**

Suitable applicants for the course have a Bachelor degree (B.Sc.) in Chemistry or Physics (related topics) or in Materials Science with a final mark of at least 2.5. fluent written and spoken English is necessary (TOEFL, IELTS or UniTest II). Decisions on compliance with the prerequisites are taken by the study and examination board of the Course Program.

**Application and Admission Procedure**

There are no general restrictions on admission.

Students with a Bachelor degree from a German university apply via the Immatrikulationsamt (see http://www.uni-magdeburg.de/immatrikulationsamt).

Deadline is August 15th.

Foreign applicants apply via Uni Assist (see http://www.uni-assist.de/studienberatung).

Deadline is April 30th.

**Duration of the Course Program**

The regular duration is 4 semesters.

**Modules of the Course Program**

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<td>Advanced Polymer Physics</td>
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<tr>
<td>Advanced Polymer</td>
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<td>oral or written examination</td>
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<tr>
<td>Advanced Polymer Physics</td>
<td>10</td>
<td>oral or written examination</td>
<td>2</td>
</tr>
<tr>
<td>Advanced Polymer Engineering</td>
<td>5</td>
<td>oral or written examination</td>
<td>3</td>
</tr>
</tbody>
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**Contact**

Institute of Chemistry and Institute of Physics

Dr. Karsten Busse
E-Mail: polymatunichodząc@gmail.de
phone: ++49 345 / 55 25 802
fax: ++49 345 / 55 25 802
Vor-Ort-Zentrum (Platz 4, 06220 Halle (Saale))

Students of Faculty of Natural Sciences II – Chemistry, Physics and Mathematics

http://www.uni-magdeburg.de/studienberatung
phone: ++49 345 / 55 25 164
Vor-Ort-Zentrum (Platz 3, 06220 Halle (Saale))

Contact for international students

Mrs. Ina Harmsen
E-Mail: international.studenten@uni-halle.de
phone: ++49 345 / 55 25 164

**Hostel portal of the student administration Halle**

http://www.uni-halle.de/bewerbung

updated 09/2015

Recent developments and news on polymer research can be found at:

http://www.polymat.uni-halle.de

**Topics of the Master Course Polymer Materials Science 120 CP**
Polymer Materials Science – an English Master Program in a field of the Future

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University of Applied Science – Department of Engineering and Natural Sciences

The Department is focused on an engineering and application-oriented teaching and research. The covers the fields of polymer sciences and plastics engineering as well as machine construction/mechanics and chemical/environmental engineering. The close connection with the Kompetenzzentrum Halle-Merseburg (KZH) and the proximity to industrial problems as well as practical applications of polymer materials allow the students application-oriented research topics, for example for their master thesis.

The Degree

Master of Science (M.Sc.)

Begin of the Course

Each winter semester

Prerequisites for the Course

Suitable applicants for the course have a Bachelor degree (B.Sc.) in Chemistry or Physics (and related topics) or in Materials Science with a final mark of at least 2.5. Native written and spoken English is necessary (DINIEL IBBRES or UniTest B). Decisions on compliance with the prerequisites are taken by the study and examination board of the Cursel Program.

Application and Admission Procedure

There are no general restrictions on admission.

Students with a Bachelor degree from a German university apply via the UniAssist (see http://www.uni-assist.de/studium/Mathe-Luendoer). Deadline is August 15th.

Foreign applicants apply via UniAssist (see http://www.uni-assist.de/studium/foreigners.htm). Deadline is April 30th.

Duration of the Course Program

The regular duration is 4 semesters.

Structure of the Course Program

Master Course (120 credit points, CT – 4 semesters)

Contact

Institute of Chemistry and Institute of Physics

For Master Course: Institute of Chemistry and Institute of Physics

M. Dr. Karsten Buse

E-Mail: poly材料matik@uni-halle.de
phone: +49 345 / 55 25 802
fax: +49 345 / 55 25 811

Vice-Dekanuniversität: Platz 3, 06120 Halle (Saxony)
Studienkolleg of Faculty of Natural Sciences II – Chemistry, Physics and Mathematics

For Master Thesis: Institute of Physics and Institute of Chemistry

E-Mail: international.studenten@uni-halle.de
phone: +49 345 / 55 25 164

Hostel Portal of the student administration Halle

Update: 09/2015

Polymer Materials Science – Master of Science

A joint international M.Sc. Degree Course with 120 Credit Points

Contact

Institute of Chemistry and Institute of Physics

Dr. Karsten Buse

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phone: +49 345 / 55 25 802
fax: +49 345 / 55 25 811

Vice-Dekanuniversität: Platz 3, 06120 Halle (Saxony)
Studienkolleg of Faculty of Natural Sciences II – Chemistry, Physics and Mathematics

http://www.uni-halle.de/studium/dre/4042

Preferably, a Bachelor degree in Chemistry or Physics (and related topics) or in Materials Science with a final mark of at least 2.5. Native written and spoken English is necessary (DINIEL IBBRES or UniTest B). Decisions on compliance with the prerequisites are taken by the study and examination board of the Course Program.

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Structure of the Course Program

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Vice-Dekanuniversität: Platz 3, 06120 Halle (Saxony)
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