REGULAR STUDENTS  WINTER TERM 2015/16

STUDENTS' TOTAL 31,143
INTERNATIONAL 3,797 (12.2%)

BACHELOR 14,825
THEREOF INTERNATIONAL 763 (5.2%)

MASTER 6,376
THEREOF INTERNATIONAL 1,156 (18.1%)

PHD 3,869
THEREOF INTERNATIONAL 1,112 (28.7%)

OTHERS 6,073*
THEREOF INTERNATIONAL 766 (12.8%)

* Diploma / Magister / State examination / Degree in Pastoral Ministry.

THE SIX MAJOR GROUPS  SHARE IN INTERNATIONAL STUDENTS' TOTAL

CHINA
620 (16.3%)

TURKEY
203 (5.3%)

INDIA
184 (4.8%)

IRAN
147 (3.9%)

ITALY
147 (3.9%)

SPAIN
112 (2.9%)

EXCHANGE STUDENTS  ACADEMIC YEAR 2015/16

OUTGOING 837

• Erasmus+ 592
• Interdisciplinary Exchanges 169
• Erasmus Mundus 8
• Other 68

INCOMING 501

• Erasmus+ 242
• Interdisciplinary Exchanges 133
• Erasmus Mundus 52
• Other 74

INTERNATIONAL STUDENTS BY FACULTY

THEOLOGY
LAW
HUMANITIES
MATHEMATICS & COMPUTER SCIENCE
PHYSICS
CHEMISTRY
GEOSCIENCE & GEOGRAPHY
BIOLOGY & PSYCHOLOGY
FOREST SCIENCES & FOREST ECOLOGY
AGRICULTURAL SCIENCES
ECONOMIC SCIENCES
SOCIAL SCIENCES
MEDICAL CENTER

Foreign University Entrance Qualification 3,245
German University Entrance Qualification 552
WELCOME CENTRE  AS OF MARCH 2016

<table>
<thead>
<tr>
<th>VISITING RESEARCHERS</th>
<th>CURRENTLY HOSTED</th>
<th>VISITED SINCE 2008</th>
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</thead>
<tbody>
<tr>
<td>PROFESSORS</td>
<td>111</td>
<td>330</td>
</tr>
<tr>
<td>POSTDOCS</td>
<td>210</td>
<td>568</td>
</tr>
<tr>
<td>PHD</td>
<td>64</td>
<td>151</td>
</tr>
<tr>
<td>OTHERS</td>
<td>12</td>
<td>45</td>
</tr>
<tr>
<td>TOTAL</td>
<td>397</td>
<td>1,094</td>
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VISITING RESEARCHERS SUPPORTED BY THE WELCOME CENTRE

<table>
<thead>
<tr>
<th>INDIA/GERMANY/CHINA/USA/RUSSIA/ITALY</th>
<th>TOTAL</th>
<th>PROFS</th>
<th>POST-DOCS</th>
<th>PHD</th>
</tr>
</thead>
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<tr>
<td>INDIA</td>
<td>211</td>
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<td>108</td>
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<tr>
<td>GERMANY</td>
<td>152</td>
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<td>5</td>
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<tr>
<td>CHINA</td>
<td>140</td>
<td>48</td>
<td>73</td>
<td>8</td>
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<tr>
<td>USA</td>
<td>129</td>
<td>49</td>
<td>69</td>
<td>11</td>
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<tr>
<td>RUSSIA</td>
<td>77</td>
<td>13</td>
<td>51</td>
<td>12</td>
</tr>
<tr>
<td>ITALY</td>
<td>54</td>
<td>11</td>
<td>38</td>
<td>5</td>
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STAFF  WITHOUT THE UNIVERSITY MEDICAL CENTER; AS OF DECEMBER 2015

<table>
<thead>
<tr>
<th>NON-SCIENTIFIC STAFF</th>
<th>INTERNATIONAL</th>
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<tr>
<td>2,558</td>
<td>79 (3.1%)</td>
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<table>
<thead>
<tr>
<th>SCIENTIFIC STAFF (EXCL. PROFESSORS)</th>
<th>INTERNATIONAL</th>
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<tbody>
<tr>
<td>2,273</td>
<td>411 (18.1%)</td>
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<table>
<thead>
<tr>
<th>PROFESSORS</th>
<th>INTERNATIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>370</td>
<td>45 (12.2%)</td>
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</table>

*Trainees / Library Staff / Cleaning Service / Technical Service / Administration.

INTERNATIONAL PARTNERSHIPS  AS OF MARCH 2016

ALL CONTINENTS 841

<table>
<thead>
<tr>
<th>SOUTH AMERICA</th>
<th>AFRICA</th>
<th>ASIA</th>
<th>OCEANIA</th>
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<tr>
<td>41</td>
<td>39</td>
<td>221</td>
<td>6</td>
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RANKINGS 2016

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<tr>
<th>TIMES (THE)</th>
<th>QS</th>
<th>SHANGHAI</th>
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<tr>
<td>No 9 in Germany</td>
<td>No 9 in Germany</td>
<td>No 5-8 in Germany</td>
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<tr>
<td>No 42 in Europe</td>
<td>No 74 in Europe</td>
<td>No 101-150 worldwide</td>
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<tr>
<td>No 99 worldwide</td>
<td>No 168 worldwide</td>
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INTERNATIONAL PROGRAMMES  AS OF MARCH 2016

<table>
<thead>
<tr>
<th>BA</th>
<th>MA</th>
<th>PhD</th>
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<tbody>
<tr>
<td>1</td>
<td>30</td>
<td>52</td>
</tr>
</tbody>
</table>
The University of Göttingen offers research-oriented education in an outstanding scientific environment. Twenty-five out of our seventy-five Master's degree programmes are fully taught in English. Many of these programmes offer a unique opportunity of graduation with a double or a joint degree from leading international universities.

<table>
<thead>
<tr>
<th>Degree</th>
<th>Programme</th>
<th>Special Characteristic/Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Agricultural, Forest and Geosciences</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Crop Protection</td>
<td>European Master Degree Plant Health</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Erasmus Mundus Programme Sustainable Forest and Nature Management (SUFONAMA)</td>
<td>A double degree programme in cooperation with 5 international partner universities</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Hydrogeology and Environmental Geosciences</td>
<td></td>
</tr>
<tr>
<td>M.Sc.</td>
<td>International Agribusiness and Rural Development</td>
<td>A double degree programme with the University of Talca (Chile)</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Sustainable International Agriculture (SIA)</td>
<td>A joint degree programme with the University of Kassel (Germany)</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Tropical and International Forestry (TIF)</td>
<td></td>
</tr>
<tr>
<td><strong>Biology, Chemistry and Medicine</strong></td>
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<td></td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Cardiovascular Science</td>
<td></td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Developmental, Neural, and Behavioral Biology</td>
<td>A proof of proficiency in German is required</td>
</tr>
<tr>
<td>M.Sc./ M.I.N.C.</td>
<td>International Nature Conservation (MINC)</td>
<td>A double degree programme with the Lincoln University (New Zealand)</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Microbiology and Biochemistry</td>
<td>A proof of proficiency in German is required</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Molecular Biology</td>
<td>Also as fast-track M.Sc./Ph.D</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Molecular Medicine</td>
<td></td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Neurosciences</td>
<td>Also as fast-track M.Sc./Ph.D</td>
</tr>
<tr>
<td><strong>Computer Sciences, Mathematics and Physics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Applied Computer Sciences</td>
<td>A proof of proficiency in German is required</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Erasmus Mundus Programme AstroMundus</td>
<td>A double degree programme in cooperation with 5 international partner universities</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Internet Technologies and Information Systems</td>
<td></td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Physics</td>
<td>A proof of proficiency in German is required</td>
</tr>
<tr>
<td><strong>Economics, Social Sciences and Humanities</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.A.</td>
<td>Development Economics</td>
<td>A double degree programme with Stellenbosch University (South Africa)</td>
</tr>
<tr>
<td>M.A.</td>
<td>East Asian Studies/Modern Sinology</td>
<td>Knowledge of modern Mandarin Chinese is required</td>
</tr>
<tr>
<td>M.A.</td>
<td>English Philology</td>
<td></td>
</tr>
<tr>
<td>M.A.</td>
<td>Erasmus Mundus Programme Euroculture</td>
<td>A joint degree programme in cooperation with 11 international partner universities</td>
</tr>
<tr>
<td>M.A.</td>
<td>Intercultural Theology</td>
<td></td>
</tr>
<tr>
<td>M.A.</td>
<td>Modern Indian Studies</td>
<td></td>
</tr>
<tr>
<td>M.A.</td>
<td>North American Studies</td>
<td></td>
</tr>
</tbody>
</table>
Application

Admission requirements
For admission to a Master degree programme, a Bachelor degree (or a recognized equivalent) is required.

Moreover, applicants whose first language is not English must provide a proof of proficiency in English (TOEFL, IELTS, Cambridge Certificate).

For some of the programmes, a proof of proficiency in German is required, although the programmes are taught in English.

Further admission requirements vary, depending on the programme. Please consult www.uni-goettingen.de/international-programmes for more detailed information about the programme of your interest and do not hesitate to contact study advisors.

Application process
After you have collected all the required documents, you have to submit your application to the respective programme or faculty.

Application deadlines vary, depending on the programme. You will find the deadlines on the programme homepages.

Learning German
The university provides free of charge language courses in order to help you to learn or improve your German. The Language Centre for German as a Foreign Language (Lektorat Deutsch als Fremdsprache) offers 50 different German courses for foreign students.

Contact Details
Office of Student Affairs
InfoLine: +49 551 39-113
Email: infoline-studium@uni-goettingen.de
Web: www.uni-goettingen.de/international-programmes
Doctoral Studies in English

All faculties of the University of Göttingen offer the possibility to achieve a doctoral degree, either as individual doctoral student or within a structured PhD programme. Whilst all doctoral candidates in the natural sciences are enrolled in structured PhD programmes, the Faculties of Law, Philosophy and Theology also offer individual doctoral degrees. Below you will find an overview of the structured PhD programmes.

Structured PhD Programmes

Structured PhD programmes are funded, fixed-term research programmes for doctoral students with a strong focus on interdisciplinary research. Usually, several professors join forces to organise and supervise these interdisciplinary programmes.

Research Training Groups

Research Training Groups are funded by the German Research Foundation (DFG) and offer ambitious research programmes with comprehensive training, tailored supervision and academic freedom to form an ideal environment for a successful doctorate.

Doctoral Degree Programmes

Degree Programmes are run by some of the Faculties as a mandatory part of PhD studies. They do not offer funding, but provide a subject-specific framework for PhD studies.

Graduate schools

Structured PhD programmes of the University of Göttingen are offered under the umbrella of four graduate schools. They are categorised into the Natural and Life Sciences (GAUSS), Forest and Agricultural Sciences (GFA), Social Sciences (GGG) and Humanities (GSGG). These schools promote early-career research and provide an outstanding framework for doctoral studies by pursuing an interdisciplinary approach through structured curricula, intensive supervision, mentoring programmes and a range of tailored seminars. These are available both for individual doctoral students and those enrolled in one of the structured programmes.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Special characteristic/Affiliation</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, Forestry, Geography and Geosciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agricultural Economics</td>
<td>A joint degree programme with the University of Talca/Chile</td>
<td>GFA, GAUSS, GGG</td>
</tr>
<tr>
<td>Animal Welfare in intensive Lifestock Production Systems</td>
<td></td>
<td>GFA, GGG</td>
</tr>
<tr>
<td>Environmental Informatics</td>
<td></td>
<td>GAUSS, GGG</td>
</tr>
<tr>
<td>Forest Sciences and Forest Ecology</td>
<td>Doctoral Degree Programme</td>
<td>GFA</td>
</tr>
<tr>
<td>Forest and Nature for Society</td>
<td>Erasmus Mundus Joint Doctorate Programme with a consortium of seven universities</td>
<td>GFA</td>
</tr>
<tr>
<td>Geography</td>
<td></td>
<td>GAUSS</td>
</tr>
<tr>
<td>Geoscience</td>
<td></td>
<td>GAUSS</td>
</tr>
<tr>
<td>International PhD Programme for Agricultural Science</td>
<td>Doctoral Degree Programme</td>
<td>GFA</td>
</tr>
<tr>
<td>Material Science Wood</td>
<td></td>
<td>GAUSS, GFA</td>
</tr>
<tr>
<td>Molecular Sciences and Biotechnology of Crops and Trees</td>
<td></td>
<td>GAUSS, GFA</td>
</tr>
<tr>
<td>Transformation of Global Agrifood Systems</td>
<td>DFG-Research Training Group</td>
<td>GGG</td>
</tr>
<tr>
<td>Wood Biology and Technology</td>
<td></td>
<td>GFA</td>
</tr>
</tbody>
</table>
Göttingen Graduate School for Neurosciences, Biophysics, and Molecular Biosciences (GGNB)

Twelve programmes from Neuro- and Molecular Biosciences and Biophysics have been combined to become the Göttingen Graduate School for Neurosciences, Biophysics, and Molecular Biosciences (GGNB), which is anchored in GAUSS.

International Max Planck Research Schools (IMPRS)

IMPRSs are jointly managed by Max Planck Institutes and the University of Göttingen.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Special characteristic/Affiliation</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology, Chemistry and Medicine</td>
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<tr>
<td>Behaviour and Cognition</td>
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<td>GAUSS</td>
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<tr>
<td>Biodiversity, Ecology and Evolution</td>
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<tr>
<td>Biology</td>
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<td>GAUSS</td>
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<tr>
<td>Biomolecules: Structure – Function – Dynamics</td>
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<tr>
<td>Catalysis for Sustainable Synthesis</td>
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<td>GAUSS</td>
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<tr>
<td>Chemistry</td>
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<td>GAUSS</td>
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<tr>
<td>Emerging Infectious Diseases</td>
<td>Leibniz Graduate School for Emerging Infectious Diseases</td>
<td>GGNB</td>
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<tr>
<td>Genes and Development</td>
<td>Göttingen Center for Molecular Biosciences</td>
<td>GGNB</td>
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<tr>
<td>Microbiology and Biochemistry</td>
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<tr>
<td>Molecular Biology</td>
<td>International Max Planck Research School</td>
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<td>Molecular Biology of Cells</td>
<td>Göttingen Center for Molecular Biosciences</td>
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<tr>
<td>Molecular Medicine</td>
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<td>Molecular Physiology of the Brain</td>
<td>Nanoscale Microscopy and Molecular Physiology of the Brain</td>
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<tr>
<td>Neurosciences</td>
<td>International Max Planck Research School</td>
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<td>Phosphorylation- and redox-mediated signalling mechanisms in the failing heart</td>
<td>DFG-Research Training Group</td>
<td>GAUSS</td>
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<td>Sensory and Motor Neurosciences</td>
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<tr>
<td>Systems Neuroscience</td>
<td>Center for Systems Neuroscience</td>
<td>GGNB</td>
</tr>
<tr>
<td>Programme</td>
<td>Special characteristic/Affiliation</td>
<td>Graduate School</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------</td>
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<td>-------------------------</td>
</tr>
<tr>
<td><strong>Computer Sciences, Mathematics and Physics</strong></td>
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<tr>
<td>Applied Statistics and Empirical Methods</td>
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<td>GAUSS</td>
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<tr>
<td>Computer Sciences</td>
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<td>GAUSS</td>
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<tr>
<td>Environmental Informatics</td>
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<td>GAUSS</td>
</tr>
<tr>
<td>Extrasolar Planets and their Host Stars</td>
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<td>GAUSS</td>
</tr>
<tr>
<td>Identification in Mathematical Models</td>
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<td>GAUSS</td>
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<tr>
<td>Mathematical Sciences</td>
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<td>Mathematical Structures in Modern Quantum Physics</td>
<td>DFG-Research Training Group</td>
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<td>Physics</td>
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<tr>
<td>Physics of Biological and Complex Systems</td>
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<tr>
<td>Solar System Science</td>
<td>International Max-Planck Research School</td>
<td>GAUSS</td>
</tr>
<tr>
<td>Scaling Problems in Statistics</td>
<td>DFG-Research Training Group</td>
<td>GAUSS, GGG</td>
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<tr>
<td>Theoretical and Computational Neuroscience</td>
<td>Bernstein Center for Computational Neuroscience Göttingen</td>
<td>GGNB</td>
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<tr>
<td><strong>Economics, Humanities and Social Sciences</strong></td>
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<td>Dynamics of Space and Gender</td>
<td>DFG-Research Training Group</td>
<td>GSGG, GGG</td>
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<tr>
<td>Economic Sciences</td>
<td>Doctoral Degree Programme</td>
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<tr>
<td>Expert Cultures from the Twelfth to the Eighteenth Century</td>
<td>DFG-Research Training Group</td>
<td>GSGG, GGG</td>
</tr>
<tr>
<td>Globalization and Development</td>
<td>DFG-Research Training Group</td>
<td>GGG</td>
</tr>
<tr>
<td>Literature and the Dissemination of Literature in the Age of Digitization</td>
<td>DFG-Research Training Group</td>
<td>GSGG</td>
</tr>
<tr>
<td>Public International Law: Human Rights - International Economic and Envi-</td>
<td>Doctoral Degree Programme</td>
<td>GGG</td>
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<tr>
<td>ronmental Law - International Criminal Law</td>
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<tr>
<td>Resource Efficiency in Corporate Networks – Methods for Enterprise and</td>
<td>DFG-Research Training Group</td>
<td>GGG</td>
</tr>
<tr>
<td>Corporate Level Planning to Utilize Renewable Resources</td>
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</tr>
<tr>
<td>Social Sciences</td>
<td>Doctoral Degree Programme</td>
<td>GGG</td>
</tr>
<tr>
<td>Theology</td>
<td>Doctoral Degree Programme</td>
<td>GSGG</td>
</tr>
<tr>
<td>Theory and Methodology of Science and Texts and its History</td>
<td>A joint degree programme with the University of Osnabrück</td>
<td>GSGG</td>
</tr>
<tr>
<td>Transformation of Global Agrifood Systems</td>
<td>DFG-Research Training Group</td>
<td>GGG</td>
</tr>
</tbody>
</table>
Become a PhD student at the University of Göttingen

Before application

Meet formal requirements

You must have a Master’s Degree or a proof of equivalent academic achievement. Usually, a final grade point average of at least 2.5 on the German grading scale (which equals good or B+) is required.

Find an academic supervisor

All the applicants must find a professor who will be your academic supervisor. You cannot apply for admission without consent for supervision.

Some faculties provide lists with professors available as potential PhD supervisors. You can also contact the responsible persons at the faculty of your interest.

Clear out the financial aspects of your doctoral studies

In the natural sciences, consent from a supervisor is usually linked to funding. In the humanities and social sciences, you must organise the financing of your doctoral studies yourself.

Application

How you apply depends on the discipline you have chosen for your doctoral degree. Whilst all doctoral candidates in the natural sciences are enrolled in structured PhD programmes, the humanities and social sciences also offer individual doctoral degrees. Individual doctoral degrees are the rule at the Faculty of Humanities and the Faculty of Law.

Individual doctoral degrees

The path to an individual doctoral degree starts with the search for a professor who is willing to supervise your doctoral studies. The topic of your doctoral thesis should be appropriate to your supervisor’s field of research. Once you have found a suitable supervisor, you must apply to the faculty responsible for you to be accepted as a doctoral candidate. Usually, there are no fixed deadlines for these applications.

Structured PhD programmes / Research Training Groups

If you would like to apply for a structured PhD programme or become part of a research training group, your selected topic should be relevant to the focus of the programme. In structured PhD programmes, it is also a general rule that the candidate’s first task is to find a supervisor. The exact application modalities and deadlines vary. Please visit the websites of the programmes and training groups for further information.

After being accepted

Once accepted for doctoral studies, you have to enroll at the University of Göttingen.

For further information, please refer to www.uni-goettingen.de/phd and do not hesitate to contact study advisors.
Faculty of Agricultural Sciences

The Faculty of Agricultural Sciences at the University of Göttingen is one of the largest research-oriented agricultural faculties in Germany. 2400 students, including 200 foreign students, are enrolled in 14 study programmes in the faculty. The faculty is comprised of three departments with more than 35 research and teaching institutes:

- The Department of Crop Sciences
- The Department of Animal Sciences
- The Department of Agricultural Economics and Rural Development

The faculty has three experimental farms in the surrounding countryside, each offering excellent research facilities.

Our strengths are research-based teaching and learning, interdisciplinarity and diversity, internationality and cooperation with non-university institutions and enterprises.

Study courses

Bachelor and Master programmes taught in German

- BSc Agricultural Sciences
- BSc Ecosystem Management
- MSc Agricultural Sciences
- MSc Equine Science

Master programmes taught in English

- MSc Crop Protection / European Master Degree Plant Health
- MA Development Economics
- MSc Sustainable International Agriculture

PhD programmes

- Animal Welfare in Intensive Lifestock Production Systems
- Doctoral Certificate Programme in Agricultural Economics PhD
- International PhD Programme in Agricultural Sciences (IPAG)
- Programme in Agricultural Sciences (PAG)
- Promotionskolleg Qualifikatorisches Upgrading in KMU (in German)
- Research Training Group 1644: Scaling Problems in Statistics
- Research Training Group 1666: Transformation of Global Food
- Research Training Group 1703: Resource Efficiency in Interorganizational Networks

For more information about the programmes, please refer to www.uni-goettingen.de/en/15337.html and do not hesitate to contact the study advisers.
Research and teaching at the Faculty of Agricultural Sciences in Göttingen is organised into three departments.

Department of Crop Sciences
Topics cover all subjects of crop science including plant breeding, agronomy, grassland cultivation, plant nutrition, plant pathology, entomology, crop protection, postharvest quality and processing, ecology and biodiversity management in agricultural landscapes in temperate as well as in sub-tropical and tropical zones. Research involves cooperations with numerous partners from the private and public sectors.

Department of Animal Sciences
Animal husbandry, nutrition, breeding, as well as aquaculture, livestock ecology and hygiene based on experiments under controlled and on-farm conditions are the core areas of this department. The department is involved in cooperations with numerous national and international partners.

Department of Agricultural Economics and Rural Development
All aspects of agricultural economics, policy, food security, marketing research, agribusiness, rural sociology and rural development are combined in this department. Research is conducted through various third-party funded projects in cooperation with public and private sector partners locally and worldwide.

A large part of the information gained from such research cooperations is directly shared with students through its inclusion in the curriculum.

Doctoral Studies
The programmes are mainly modular in structure and include participation in various types of modules and courses to support research. Intensive supervision and the possibility of obtaining extracurricular qualifications in soft skills and languages make these PhD programmes attractive for both German and international students. Almost half of the Faculty’s PhD degrees are granted to international students.

For more information about the doctoral studies, please refer to www.uni-goettingen.de/en/473771.html.

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Email: dekagrar@uni-goettingen.de
Web: www.agrar.uni-goettingen.de
Faculty of Biology and Psychology

The Faculty of Biology and Psychology at the University of Göttingen focuses on three major research fields:
• Biodiversity and Ecology,
• Molecular Biosciences,
• Neurobiology and Behaviour.

The Faculty is organised into three Institutes for Biology and one Institute for Psychology:
• Albrecht-von-Haller Institute for Plant Sciences,
• Georg-Elias-Müller Institute for Psychology,
• Institute of Microbiology and Genetics,
• Johann-Friedrich-Blumenbach-Institute for Zoology and Anthropology.

Study courses

Bachelor Programmes
• BSc Biochemistry
• BSc Biology
• BA Biology (2 subjects/teaching qualification)
• BSc Biological Diversity and Ecology
• BSc Psychology

Master Programmes in English
• MSc Developmental, Neural, and Behavioural Biology
• MSc International Nature Conservation (M.I.N.C.)
• MSc Microbiology & Biochemistry

Master Programmes in German
• MEd Biology (2 subjects/teaching qualification)
• MSc Biological Diversity, Ecology and Evolution
• MSc Psychology

International Max Planck Research Schools (in English)
• MSc/PhD Molecular Biology
• MSc/PhD/MD-PhD Neurosciences

For more information about the courses, please refer to www.uni-goettingen.de/en/35625.html and do not hesitate to contact the study advisers.
The Faculty of Biology and Psychology, one of the largest faculties at the University of Göttingen, plays a central role in bringing together the various research done in the areas of biology and psychology. Such research is conducted in the Faculties of Medicine, Agricultural Sciences, Forestry, Physics and Chemistry as well as at the Max-Planck-Institutes for Biophysical Chemistry and Experimental Medicine, the German Primate Centre (Leibniz-Society), and the ENI (European Neurosciences Institute). The success of the Faculty is reflected in positive evaluations which the Faculty of Biology received from the German Research Foundation (DFG) rankings, the German Academic Exchange Service (DAAD) and other institutions.

Doctoral Studies

The Faculty of Biology and Psychology is a member of the Georg-August-University School of Science (GAUSS), which is the centre for doctoral studies in the natural sciences at the University. The faculty offers structured doctoral programmes on the highest scientific level:

- Behaviour and Cognition
- Biodiversity and Ecology
- Biology (Basic PhD Programme)
- Biomolecules: Structure – Function –Dynamics
- Emerging Infectious Diseases
- Genes and Development
- Microbiology and Biochemistry
- Molecular Biology of the Cells
- Molecular Physiology of the Brain
- Systems Neuroscience

For more information about doctoral studies, please refer to www.uni-goettingen.de/en/35625.html.

Contact Details

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Faculty of Chemistry

The Faculty of Chemistry in Göttingen has a long tradition reaching as far back as the founding years of the University of Göttingen. Today the Faculty relies on networked research in three focus areas as well as first-class, research-oriented teaching.

From the very beginning, the Faculty has been distinguished by an orientation towards research; twelve Nobel Prize winners are associated with the Faculty. Today the Faculty is built upon interdisciplinary research in three core areas:

- Energy conversion – processes and materials
- Functional biomolecular chemistry
- Molecular catalysis.

Close collaboration with other faculties and several Max Planck Institutes facilitate the adoption of modern approaches in research. The Faculty’s commitment to research is reflected in the remarkably high number of courses offered. Students gain practical experience early in their education by participating in ongoing research projects – a feature unique to the Faculty of Chemistry.

Study courses

(All programmes are taught in German)

Bachelor programmes
- BSc Biochemistry
- BSc Chemistry
- BA Chemistry (2 subjects/teaching qualification)
- BSc Material Sciences

Master programmes
- MSc Chemistry
- MEd Chemistry (2 subjects/teaching qualification)
- MSc Material Sciences

For more information about the courses, please refer to www.uni-goettingen.de/en/56959.html and do not hesitate to contact the study advisers.

Institutes

- Institute of Inorganic Chemistry
- Institute of Organic and Biomolecular Chemistry
- Institute of Physical Chemistry
The research groups at the Faculty of Chemistry are working on different projects, most of which are designed as interdisciplinary projects. Research at the Faculty is characterised by a high degree of integration not only between the institutes, but with other faculties and neighbouring research establishments such as the Max Planck Institutes. The scientists at the Faculty of Chemistry are currently dealing with three main research foci.

**Energy Transformation – Processes and Materials** improves the understanding of elementary processes of energy transformation and conducts fundamental research in the field of materials sciences.

**Functional Biomolecular Chemistry** focuses on the interactions of biomolecules, their systematic modification, and the molecular manipulation of recognition processes or signal induction.

**Molecular Catalysis** deals with the application of transition metal catalysis as well as organocatalysis to achieve chemo- and enantioselective transformations, and exploits bio-inspired as well as polymerisation catalysis.

### Doctoral Studies

The Faculty of Chemistry offers structured doctoral programmes on the highest scientific level:

- Catalysis for Sustainable Synthesis (CaSuS)
- Chemistry (Basic PhD Programme).

The doctoral students not only conduct research but also take accompanying courses and get a chance to gain teaching experience. Furthermore, interdisciplinary topics are the focus of research conducted by the doctoral students within the international Chemistry-based Graduate Schools, all of which are supported by the German Research Foundation (DFG).

The Faculty of Chemistry is a member of the Georg-August-University School of Science GAUSS, which is the centre for doctoral studies in the Natural Sciences at the University.

For more information about doctoral studies, please refer to [www.uni-goettingen.de/en/442456.html](http://www.uni-goettingen.de/en/442456.html).

### Contact Details

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Faculty of Forest Sciences and Forest Ecology

The Faculty of Forest Sciences and Forest Ecology offers effective and multifunctional education, including everything from the conventional fields of national and international forestry through biological/technical wood processing, nature conservation and forest ecology to ecosystem analysis and computer science.

Our strengths: interdisciplinarity and internationality. Our faculty is part of a research association consisting of numerous universities, research facilities and interdisciplinary centres around the world.

Study courses

**Bachelor programmes**
- BSc Forest Sciences and Forest Ecology
- BSc Molecular Ecosystem Sciences (in English)

**Master programmes**
- MSc Forest Sciences and Forest Ecology with five areas of specialisation:
  1. Ecosystem Analysis and Modelling
  2. Forest Conservation
  3. Forest Management and Forest Utilization
  4. Wood Biology and Wood Technology
  5. Tropical and International Forestry (in English)

**Interdisciplinary Bachelor and Master programmes in German**
- Applied Computer Science as a specialisation within the BSc and MSc Ecological Informatics
- BA Geography (2 subjects/ teaching qualification)
- BSc Ecosystem Management

**Interdisciplinary Bachelor and Master Programmes in English**
- MSc Erasmus Mundus Sustainable Forest and Nature Management (SUFONAMA)
- MSc International Nature Conservation (M.I.N.C.)
- International MSc in Forestry (Euroforester)

For more information about the courses, please refer to [www.uni-goettingen.de/en/studies/74283.html](http://www.uni-goettingen.de/en/studies/74283.html) and do not hesitate to contact the study advisers (thapke@gwdg.de).
Research

The research aims and priorities of the Faculty result from the local and global importance of forests. These research aims are the products of a multi-decade transition from the previously dominate wood production research, to the more ecologically and environmentally relevant information processing as well as product processing, all of which are embedded in an increasingly international focus.

Doctoral Studies

- ERASMUS Mundus Joint Doctorate programme Forest and Nature for Society (FONASO)
- GAUSS PhD Programme Environmental Informatics
- GAUSS PhD Programme Molecular Sciences and Biotechnology of Crops and Trees
- PhD Programme Applied Statistics and Empirical Methods
- PhD Programme Forest Sciences and Forest Ecology
- PhD Programme Material Science Wood
- PhD Programme Wood Biology and Wood Technology

Institutes/Centres/Training groups

- Bioclimatology
- Ecoinformatics, Biometrics and Forest Growth
- Ecosystem Modelling
- Forest and Nature Conservation Policy and Forest History
- Forest Botany and Tree Physiology
- Forest Economics and Forest Utilisation
- Forest Genetics and Forest Tree Breeding
- Forest Inventory and Remote Sensing
- Forest Work Science and Engineering
- Forest Zoology and Forest Conservation
- Molecular Wood Biotechnology and Technical Mycology
- Nature Conservation and Landscape Planning
- Silviculture and Forest Ecology of the Temperate Zones
- Soil Science of Temperate Ecosystems
- Soil Science of Tropical and Subtropical Ecosystems
- Tropical Silviculture and Forest Ecology
- Wildlife Sciences
- Wood Biology and Wood Products
- Wood Technology and Wood-based Composites

Contact Details

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Web: www.uni-goettingen.de/en/19852.html
Faculty of Geoscience and Geography

Since 1974, the Faculty of Geosciences and Geography combines all aspects of research and teaching into the “System Earth”. Today, the faculty with its twelve departments and about 1200 students is recognised as one of the strongest interdisciplinary oriented research facilities in Germany.

Study courses

(All programmes are taught in German)

Bachelor programmes
- BSc Ecosystem Management
- BA Geography (2 subjects/ teaching qualification)
- BSc Geography
- BSc Geoscience
- BSc Material Sciences

Master programmes in German
- MSc Geography: Resource Analysis and Resource Management
- MEd Geography (2 subjects/teaching qualification)
- MSc Geoscience
- MSc Material Sciences

Master programme in English
- MSc Hydrogeology and Environmental Geoscience

PhD programmes (in English or German)
- PhD Geography
- PhD Geoscience

Centres and Institutes

Geoscience Centre
- Applied Geology
- Crystallography
- Experimental and Applied Mineralogy
- Geobiology
- Geochemistry
- Isotope Geology
- Sedimentology/Environmental Geology
- Structural Geology and Geodynamics

Institute of Geography
- Cartography, GIS and Remote Sensing
- High Mountain Geomorphology
- Human Geography
- Landscape Ecology

For more information about the courses, please refer to www.uni-goettingen.de/en/18523.html and do not hesitate to contact the study advisers.
Research areas of the Faculty are:

- Analysis, management, access and use of (natural) resources
- Climate change
- Development geography, urban studies
- Evaluation of terrestrial ecosystems
- Evolution of the system earth
- Exploration of alternative energy resources
- Formation of the solar system
- Geoecology and biogeochemical cycles
- Geography of leisure and tourism
- Land use change, biodiversity research and their socio-economic causes/consequences
- Research on risks and conflicts

The main focus in research and teaching at our Faculty is fundamental Geoscience and Geography. Additionally, applied aspects of Earth sciences are also an integral part of our research as well as in the study curriculum. The Faculty's laboratories include a wide range of modern research instrumentation.

Contact Details

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Faculty of Humanities

The Faculty of Humanities unites 30 academic institutes and centres, which together offer 47 Bachelor’s programmes, 58 Master’s programmes as well as PhD programmes to students. The Faculty of Humanities, being one of the four founding faculties of the University in 1734, looks back on a history of nearly 280 years.

The Faculty’s international reputation and atmosphere are reflected in the well over 500 foreign students, PhD students and visiting scholars. Due to the broad range of subjects offered within the degree programmes, the great variety of scientific staff members and its nearly 4,200 students.

Located in the newly built building for the Humanities, the Cultural Studies Divisional Library contains a stock of approximately 600,000 titles, which offers an excellent basis for working in the humanities.

Institutes/Departments

- Ancient History
- Ancient Near-Eastern Studies
- Apparatus for Charters and Diplomatics
- Arabic Studies
- Archaeology and Collection of plaster casts
- Art History and Art Collection
- Classical Studies
- Cultural Anthropology/European Ethnology
- East Asian Studies
- Egyptology and Coptic Studies
- English Philology
- Finno-Ugric Studies
- German Philology
- Historical Regional Studies
- Indian and Buddhist Studies
- Iranian Studies
- Latin Philology of the Medieval Ages and the Modern Period
- Linguistics
- Medieval and Modern History
- Musicology
- Philosophy
- Prehistory and Early History
- Romance Studies
- Scandinavian Studies
- Slavic Studies
- Turkish and Central Asian Studies
Research

The Faculty pursues four focused research areas in trans-disciplinary joint projects. In addition to that, the Faculty harbours several research projects that individuals pursue on their own or in loose cooperation with others, which can sometimes develop into joint projects (see also the respective institute websites).

Research foci
- Cultures of Antiquity
- Cultures and Literatures of Modernism
- Language and Cognition
- Theory and Methodology
- Knowledge Transfer
- Research on Gender
- e-Research
- Research on Collections

Scientific Centres
- CeMEAS - Centre for Modern East Asian Studies
- CeMIS - Centre for Modern Indian Studies
- CORO - Centrum Orbis Orientalis
- CRC - Text Structures (Courant Research Centre)
- GCHD – Göttingen Centre for Digital Humanities
- Linguistics in Göttingen
- Study Group Gender Studies
- ZeUS - Centre for Empirical Research into Teaching and Schools
- ZMF - Centre for Medieval and Early Modern Studies
- ZTMK - Centre for Theory and Methodology of Culture Studies

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Web: www.uni-goettingen.de/en/209427.html
Faculty of Mathematics and Computer Science

Computer Science

As a part of the Faculty of Mathematics and Computer Science, the Institute of Computer Science is responsible for education and research in core computer science, covering practical, theoretical, and technical computer science.

Education

The Institute of Computer Science contributes to several education programmes leading up to Bachelor, Master, and PhD degrees.

The Bachelor and Master programmes in Applied Computer Science benefit from the broad spectrum and diversity of the academic environment at the University, allowing students to focus their Computer Science studies on specific application domains, such as Bioinformatics, Business Information Systems, Computational Neuroscience, Ecological Informatics, Geoinformatics, Health Informatics, Information Technology Law, and Scientific Computing. This includes the study of methods for solving application domain related problems with the aid of methods from computer science.

In addition to the applied computer science programmes, a further master programme, which focuses on Internet Technologies and Information Systems, is also available.

All the master programmes are research oriented. In four semesters of study, advanced knowledge in computer science and an application domain is acquired. Early participation in ongoing research projects from research groups at the Institute of Computer Science is fostered through student’s projects followed by a Master thesis.

Bachelor and Master programmes in German

- BSc Applied Computer Science
- BA Computer Science (2 subjects)
- BA Computer Science (2 subjects/teaching qualification)
- MSc Applied Computer Science
- MEd Computer Science (2 subjects/teaching qualification)

Master programmes in English

- MSc Applied Computer Science
- MSc Internet Technologies and Information Systems
Research

Investigation into the development of efficient and innovative IT research infrastructures for the future (eInfrastructures) is a central research theme at the Institute of Computer Science. Theoretical questions, software engineering aspects, security, and reliability of future communication systems, including internet technology, are studied by the research groups for Computer Networks, Computer Security, Databases and Information Systems, Software Engineering for Distributed Systems, Telematics, and Theoretical Computer Science. In addition to eInfrastructure related investigation, the Institute of Computer Science collaborates on a wide variety of other topics with the outstanding research groups for Computational Neuroscience, Bioinformatics, and Ecological Informatics and Computer Graphics at the University of Göttingen.

Doctoral programmes

The Institute of Computer Science participates in two PhD programmes offered by the Georg-August-University School of Science (GAUSS).

The PhD programme in Computer Science (PCS) focuses on research in core and applied computer science, whereas the PhD programme in Environmental Informatics (PEI) emphasizes integrated research, covering aspects of bio-, eco- and geoinformatics, in addition to scientific computing.

Both programmes provide high quality PhD education on a high scientific level within three years. The educational part includes lectures, seminars, and methods courses. In addition, PhD students are encouraged to participate in international conferences and workshops. Both PhD programmes also emphasize soft skills, such as teamwork, problem solving, and moderation techniques. PhD candidates are obliged to take part in tutoring activities.

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The Faculty of Law at the University of Göttingen is the oldest, largest and most renowned faculty of law in Lower Saxony. Since its foundation in 1737, it has been committed to the unity and freedom of research and teaching. Its top position in Northern Germany has been proven by positive teaching and research evaluations in the past.

The Faculty offers its students both comprehensive scientific training in the mandatory area of legal studies and intensification unique in its breadth of curricular focus areas:

- Civil Law and Judicature
- Criminal Sciences
- Economic and Labour Law
- Historical and Philosophical Basics of Law
- International and European Public Law
- Labour and Social Security System
- Medical Law
- Private and Public Media Law
- Public Law – governance, regulation and administration

Study courses

(All programmes, except for one, are taught in German)

- BA Law (2 subjects)
- Law (First State Examination)
- Chinese Law and Comparative Law (LL.M/M.A.)
- Master of Laws (LL.M) - for students with completed legal studies at a foreign university
- Doctoral Programme in Law (Doctor iuris)
- Public International Law: Human Rights - International Economic and Environmental Law - International Criminal Law (in English)

Institutes and Centres

- Agricultural Law
- Criminal Sciences
- Economic Law
- History of Law, Philosophy of Law and Comparison of Law
- Institute for General State and Political Sciences
- Labour Law
- Law of Nations and European Law
- Medical Law
- Notary Law
- Private and Procedural Law
- Public Law
Research

The Faculty is characterised by exemplary and wide-spread research and teaching in the core subjects of Civil Law, Public Law and Criminal Law and in the basic subject areas (History of Law, Philosophy of Law and Theory, as well as Comparison of Laws).

The Faculty runs innovative research projects on cross-subject topics and in special areas. With the cross-subject and interdisciplinary research foci of europeanisation and internationalisation, position of man in medicine and family, economic and social order.

Doctoral Studies

The Faculty of Law offers you the possibility to achieve a doctoral degree either as individual doctoral student or within a structured PhD programme.

The path to an individual doctoral degree starts with the search for a professor who would be willing to supervise your doctoral studies. The topic of your doctoral thesis should be appropriate to your supervisor’s field of research. Your first step, therefore, is to contact the institute of your interest or directly get in touch with professors.

If you would like to apply for a structured PhD programme, your selected topic should be relevant to the focus of the programme. For more information about the structured programmes, please refer to www.uni-goettingen.de/en/36726.html.

Either way, please get in touch with the Faculty (u.hennemuth@jura.uni-goettingen.de) in order to check your eligibility for doctoral studies.

Contact Details

Faculty of Law
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Faculty of Mathematics and Computer Science

Mathematics

Mathematics is advanced by the interaction with its applications and, in turn, is a key to progress in technology and in science.

In Göttingen’s mathematical history, this is exemplified by Carl Friedrich Gauss who was inspired by his work in astronomy and geodesy. Later on, around 1930, the close and fruitful collaboration between mathematicians and physicists in Göttingen led to the mathematical theory of quantum mechanics.

Based on its achievements, the Faculty of Mathematics and Computer Science at the University of Göttingen continually enhances the close alliance between research and teaching. Consequently, one of the main objectives of all the degree programmes offered is to prepare young scientists to conduct independent research and to contribute in industry and commerce as well as in education and research. The Faculty offers cutting-edge graduate and doctoral programmes taught in English.

Study courses

In the well-structured undergraduate and graduate study programmes in Mathematics, students start out by broadening and deepening their knowledge in mathematics and are introduced to new aspects of their field of specialisation including recent developments in mathematical research. Special focus is on approaching traditional mathematical themes from a modern perspective. Profound expert and methodological knowledge is provided through an extensive and comprehensive selection of lecture courses, seminars and lab courses, encompassing topics in both pure and applied mathematics.

• BSc Mathematics (in German)
• BA Mathematics (2 subjects) (in German)
• BA Mathematics (2 subjects/teaching qualification) (in German)
• MSc Mathematics (in English)
• MEd Mathematics (2 subjects/teaching qualification) (in German)

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Institutes

• Mathematical Institute
• Institute for Mathematical Stochastics
• Institute for Numerical and Applied Mathematics
Outstanding research in mathematics has a long tradition at the University of Göttingen. Its eminence and international reputation is exemplified by a long list of mathematicians who have taught and contributed to mathematical research. In fact, many basic theorems and objects are named after mathematicians who have pursued their research in Göttingen, e.g. Hilbert’s Nullstellensatz, Riemann’s integral and Noetherian’s ring.

Today, mathematics research in Göttingen covers a broad range of topics, thereby connecting theoretical mathematical problems, application-relevant problems, and interdisciplinary projects. Research priorities are analysis and geometry, algebraic geometry and number theory, numerical and applied mathematics, mathematical stochastic and mathematical didactics.

Doctoral programmes

Doctoral studies in Mathematics take place within the framework of the PhD degree programme “Mathematical Sciences". The objectives of this course of study is to enhance research and learning conditions for doctoral students and to foster the close cooperation with other research units at the University, in particular, with:

- Courant Research Centres “Higher Order Structures in Mathematics” and “Poverty, Equity and Growth in Developing Countries”,
- Research Training Groups “Mathematical Structures in Modern Quantum Physics” and "Identification in Mathematical Models: Synergy of Stochastic and Numerical Methods",

Foreign students holding a Master’s Degree in Mathematics are welcome to apply to the programme “Mathematical Sciences". This course of study comprises various lecture courses, seminars, international workshops, and a doctoral research project. The programme is taught in English; internationally renowned scholars offer a wide range of guest lectures.

In addition, students have a chance to improve their soft skills in order to acquire additional competencies for professional life, e.g. training in oral and written communication skills, including mathematical writing and publishing. The PhD students have the opportunity to teach as teaching assistants in the Bachelor degree programmes of the Faculty of Mathematics and Computer Science.
Faculty of Medicine

The Faculty of Medicine at the University of Göttingen is one of the biggest medical schools in Germany. By converting medical education into a modular, interdisciplinary curriculum, the Faculty of Medicine created the basis for an attractive place to study human medicine, now and in the future. The Faculty of Medicine and the University Hospital Göttingen together, operate under the umbrella “University Medical Center Göttingen” (UMG). This structure (integration model) provides the organisational basis for the integration of healthcare, teaching, and research in Göttingen.

Study courses

• Dentistry (State Examination)
• Human Medicine (State Examination)
• BSc Molecular Medicine
• MSc Cardiovascular Science (in English)
• MSc/PhD Molecular Medicine (in English)

Associated study programmes:
• MSc Applied Statistics
• BSc/MSc/PhD Medical Informatics
• MSc/PhD Molecular Biology (in English)
• MSc/PhD/MD-PhD Neurosciences (in English)

For more information about the courses, please refer to www.med.uni-goettingen.de/en/content/studycourses.html and do not hesitate to contact the study advisers.

Institutes/Centres

• Anatomy
• Biochemistry and Molecular Biology
• Child and Adolescent Health
• Centre for Anaesthesiology, Emergency and Intensive Care Medicine
• Dentistry, Oral Medicine and Craniomaxillofacial Surgery
• Gynaecology
• Hygiene and Human Genetics
• Informatics, Statistics and Epidemiology
• Internal Medicine
• Neurological Medicine
• Occupational, Social, Environmental Medicine and Dermatology
• Ophthalmology and Otorhinolaryngology
• Pathology and Legal Medicine
• Pharmacology and Toxicology
• Physiology and Pathophysiology
• Psychosocial Medicine
• Radiology
• Surgery

Centres of Special Focus

• Breast Centre Göttingen
• Centre for Social Paediatrics
• Göttingen Comprehensive Cancer Centre
• Heart Centre Göttingen
Research

The University Medical Centre Göttingen focuses on illnesses of significant social importance. The objective is to drive the transfer of basic research results into clinical practice and thus allow the interaction between preclinical and clinical development, with the cooperation of both university- and non-university partners.

The University Medical Centre has developed nationally and internationally recognised research areas in the following domains:

• Cardiovascular Sciences with focus on cardiac insufficiency and regeneration,
• Neurobiology of inflammatory and degenerative diseases,
• Neurosciences with focus on neurogenesis, synaptogenesis, and neuronal networks,
• Quantitative molecular/multimodal imaging.

Each of the priority research areas is supported by several departments conducting research in their respective fields.

Being partner location in the national Helmholtz Health Centres (Helmholtz-Gesundheitszentren), the German Centre for Cardiovascular Research (Deutsches Zentrum für Herz Kreislaufforschung, DZHK), and the German Centre for Neurodegenerative Diseases (Deutsches Zentrum für Neurodegenerative Erkrankungen, DZNE), Göttingen continues to have outstanding expertise in these areas of research.

Interdisciplinary Bodies

• DFG Research Centre for Molecular Physiology of the Brain (CMPB)
• European Neurosciences Institute
• Göttingen Centre for Molecular Life Sciences (GZMB)
• Institute for Multiple Sclerosis Research (IMSF)
• MRI Research in Neurology and Psychiatry

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