

<b>Degree Title:</b> Civil Engineering					
<b>Academic Title:</b> Bachelor of Engineering (B.Eng.)	<b>Prerequisites for Admission:</b> <ul style="list-style-type: none"> <li>• The general examinations required for entrance into universities or institutes of higher education (<i>Allgemeine Hochschulreife</i> or <i>Fachhochschulreife</i>), or a recognised equivalent preparatory qualification</li> <li>• Practical training (min. 12 weeks)</li> </ul>				
<b>Aim of the Course:</b> This course will communicate comprehensive, specialised knowledge geared towards the practising of the profession, as well as academic methodology that is specific to this area. Furthermore, the students will develop problem-solving and team work skills.					
<b>Structure of the Course/Curriculum:</b>					
<b>„Bachelor of Engineering“ Bauingenieurwesen</b>					
<b>1. Semester</b>	<b>2. Semester</b>	<b>3. Semester</b>	<b>4. Semester</b>	<b>5. Semester</b>	<b>6. Semester</b>
Mathematik I (4c)	Mathematik II (4c)	Holzbau (5c)	Geotechnik I (5c)	Baubetrieb II und Brückenbau (8c)	Geotechnik II (8c)
Baustoffkunde und Bauchemie (5c)	Bauphysik und Baukonstruktion II (8c)	Mauerwerksbau (4c)	Straßenplanung und Städt. Verkehrswesen (8c)	Siedlungswasserwirtschaft (4c)	Rechtslehre und Wirtschaftslehre (4c)
Statik I (8c)	Ingenieurbaustoffe und Straßenbaustoffe (5c)	Hydromechanik (5c)	Stahlbetonbau (8c)	Stahlbetonbau II (8c)	Straßenbautechnik und Eisenbahnbau (8c)
Vermessungskunde und Feldübung (5c)	Festigkeitslehre (5c)	Baubetrieb I und Arbeitssicherheit (8c)	Statik III (5c)	EDV-Statik (4c)	Wasserwesen (4c)
Bauentwurf und Baukonstruktion I (6c)	Statik II (6c)	Stahlbau (8c)	Bauinformatik II und Kommunikation (4c)	Praxisphase (10c)	<b>Bachelor-Thesis (10c)</b>
Bauinformatik I und CAD (4c)	Technical English (2c)				
<b>‘Bachelor of Engineering’ in Civil Engineering</b>					
<b>Semester 1</b> Mathematics I (4c) Building Materials & Construction Chemicals (5c) Statics I (6c) Surveying & Field Practice (5c) Constructional Physics & Structural Design I (6c) IT in Civil Engineering I & CAD (4c)					
<b>Semester 2</b> Mathematics II (4c) Constructional Physics & Structural Design II (8c) Engineering & Road Construction Materials (5c) Strength of Materials (5c) Statics II (6c) Technical English (2c)					
<b>Semester 3</b> Timber-Frame Construction (5c) Masonry Construction (4c) Hydromechanics (5c) Constructional Operations I and Occupational Health & Safety (8c) Steel Construction (8c)					
<b>Semester 4</b> Geotechnology I (5c) Road Planning & Urban Traffic Systems (8c) Reinforced Concrete Construction (8c) Statics III (5c) IT in Civil Engineering II & Communication (4c)					
<b>Semester 5</b> Constructional Operations II & Bridge Construction (6c) Domestic Water Supplies (4c) Reinforced Concrete Construction II (6c) Computer-Aided Statics (4c) Practical Phase (10c)					
<b>Semester 6</b> Geotechnology II (6c) Law & Economics (4c) Methods of Road Construction & Railway Construction (6c) Hydrosience (4c) Bachelor Thesis (10c)					
<b>Employability/Professional Activities:</b> The aim of the Bachelor course is to prepare the students for the responsibilities of a site manager on small and medium-sized building projects. Furthermore, they are taught skills, which will enable them to carry out tasks in the sphere of construction and verifying structural components involved in structural and civil engineering, road construction and hydraulic engineering.					

<b>Final Examination/Examination Regulations:</b> <ul style="list-style-type: none"><li>• Legal basis: regulations governing the Bachelor examination on the Civil Engineering course</li><li>• Module examinations, thesis &amp; final oral examination</li></ul>	<b>Additional Information</b> <ul style="list-style-type: none"><li>• Modular,</li><li>• Accredited degree course</li></ul>
<b>Admission to Postgraduate Studies</b> Successful completion of the BA Degree qualifies a student for acceptance onto a Master Degree.	
<b>The Faculty's ECTS-/International Student Advisor</b> Prof. Eva von Mackensen, E-Mail: <a href="mailto:evavonmackensen@gmx.de">evavonmackensen@gmx.de</a>	