

# MASTER medical technologies.

<b>STRUCTURE*</b>	1 <sup>st</sup> – 3 <sup>rd</sup> semester: Core curriculum 4 <sup>th</sup> semester: Master thesis and final exam
<b>DEGREE</b>	Master of Science   M.Sc.   MSc** <i>**Use of the academic degree in combination with the brand MCI officially approved</i>
<b>TIME MODEL</b>	Full-time with job friendly time model
<b>LANGUAGE</b>	English
<b>CONTENT</b>	<ul style="list-style-type: none"> <li>• Medical imaging, IT &amp; hardware 29%</li> <li>• Medical Engineering 25%</li> <li>• Projects and technical case studies 13%</li> <li>• Management &amp; Entrepreneurship 8%</li> <li>• Master thesis &amp; scientific writing 25%</li> </ul>
<b>PROFESSIONAL OPPORTUNITIES</b>	<ul style="list-style-type: none"> <li>• Research &amp; development</li> <li>• Product design</li> <li>• Quality assurance</li> <li>• Maintenance &amp; service</li> <li>• Project management</li> <li>• Technology management</li> <li>• Sales &amp; application consulting</li> <li>• Start-ups &amp; innovation</li> </ul>
<b>ADMISSION REQUIREMENTS</b>	Graduates with a relevant Bachelor degree or Diploma and a minimum of 50 ECTS credits from relevant subjects
<b>TUITION</b>	<ul style="list-style-type: none"> <li>• For students from EU &amp; EEA countries: EUR 363 / semester plus membership fee to the Austrian Student Union</li> <li>• For students from third countries: EUR 7,000 per semester plus membership fee to the Austrian Student Union; Scholarships: <a href="http://www.mci.edu/scholarships">www.mci.edu/scholarships</a></li> </ul>
<b>APPLICATION</b>	Career background (30%) Written entrance exam (20%) Interview (50%)



The MedTech master program is being organized in close collaboration with the Medical University of Innsbruck (MUI) and the Health & Life Science Cluster Tyrol (HLSCT) which includes the University of Innsbruck (LFUI), the Private University of Medical Informatics & Technology (UMIT) and other prestigious institutions.

\*subject to accreditation

THE ENTREPRENEURIAL SCHOOL®  
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## curriculum.

Modules / Courses	Semester Credit Units   ECTS-Credits			
<b>MEDICAL IMAGING, IT &amp; HARDWARE</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
App Programming	4   5			
Biostatistics & Data		4   5		
Applied Robotics	3   5			
Medical Sensors	3   5			
Active Prosthetics		3   5		
Augmented Reality			4   5	
Medical Imaging			4   5	
<b>PROJECTS &amp; CASE STUDIES</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Project 1		2   5		
Project 2			4   10	
<b>MEDICAL ENGINEERING</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Personalized Medicine & Point of care	4   5			
Ambient & Assisted Living	3   5			
Medical Robotics		3   5		
Implantable Devices			4   5	
Clinical Trials		4   5		
Safety			4   5	
<b>MANAGEMENT &amp; ENTREPRENEURSHIP</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Management	4   5			
Entrepreneurship		4   5		
<b>MASTER THESIS &amp; SCIENTIFIC WRITING</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Scientific Writing & Ethics				4   5
Master Thesis				25
<b>SEMESTER CREDIT UNITS   ECTS-CREDITS</b>	<b>21   30</b>	<b>20   30</b>	<b>20   30</b>	<b>4   30</b>