

**2018/2019 Interviews for the MSc Candidates**  
**INTERNATIONAL FACULTY of ENGINEERING**

<b>Major</b>	<b>Topics and Issues for Oral Interviews:</b>
<p><b>Advanced Mechanical Engineering</b> (English, four-semester programme)</p>	<ol style="list-style-type: none"> <li>1. Verification of technical science competences acquired by the candidate during first-cycle studies</li> <li>2. Verification of the candidate's capacity to continue studies towards a Mechanical Engineering MSc degree: <ul style="list-style-type: none"> <li>- foundations of construction,</li> <li>- basic knowledge of mechanics, strength of materials, materials engineering, techniques of production, thermodynamics and hydraulics,</li> </ul> </li> <li>3. Analysis of the first-cycle programme completed by the candidate</li> <li>4. Verification of the candidate's language skills</li> </ol>
<p><b>Electronics and Telecommunications</b> (English, four-semester programme)</p>	<ol style="list-style-type: none"> <li>1. Verification of technical science competences acquired by the candidate during first-cycle studies, with particular reference to: <ul style="list-style-type: none"> <li>- electrical circuits,</li> <li>- semiconductors,</li> <li>- logical elements,</li> <li>- microprocessor systems,</li> <li>- processing and transmission of signals</li> </ul> </li> <li>2. Verification of the candidate's capacity to continue studies towards an Electronics and Telecommunications MSc degree</li> <li>3. Analysis of the first-cycle programme completed by the candidate</li> <li>4. Verification of the candidate's language skills</li> </ol>
<p><b>Biotechnology</b> (English, three-semester programme)</p>	<ol style="list-style-type: none"> <li>1. Verification of technical science competences acquired by the candidate during first-cycle studies</li> <li>2. Verification of the candidate's capacity to continue studies towards a Biotechnology MSc degree</li> <li>3. Analysis of the first-cycle programme completed by the candidate</li> <li>4. Verification of the candidate's language skills</li> </ol>
<p><b>Computer Science &amp; Information Technology</b> (English, three-semester programme)</p>	<ol style="list-style-type: none"> <li>1. Verification of technical science competences acquired by the candidate during first-cycle studies</li> <li>2. Verification of the candidate's capacity to continue studies towards a Computer Science MSc degree</li> <li>3. Analysis of the first-cycle programme completed by the candidate</li> <li>4. Verification of the candidate's language skill</li> </ol>

**2018/2019 Interviews for the MSc Candidates**  
**INTERNATIONAL FACULTY of ENGINEERING**

<b>Major</b>	<b>Topics and Issues for Oral Interviews:</b>
<p><b>Management</b> (English, four-semester programme)</p>	<ol style="list-style-type: none"> <li>1. Verification of the competences acquired by the candidate during first-cycle studies, with particular emphasis on: <ul style="list-style-type: none"> <li>- management,</li> <li>- corporate finance,</li> <li>- marketing,</li> <li>- human resources management.</li> </ul> </li> <li>2. Verification of the candidate's capacity to continue studies towards a Management MSc degree.</li> <li>3. Analysis of the first-cycle programme completed by the candidate.</li> <li>4. Verification of the candidate's language skills.</li> </ol>
<p><b>Management and Production Engineering</b> (English, four-semester programme)</p>	<ol style="list-style-type: none"> <li>1. Verification of the competences acquired by the candidate during first-cycle studies, with particular emphasis on: <ul style="list-style-type: none"> <li>- production,</li> <li>- manufacturing,</li> <li>- production cost,</li> <li>- human resources management,</li> <li>- quality management.</li> </ul> </li> <li>2. Verification of the candidate's capacity to continue studies towards a Management and Production Engineering MSc degree</li> <li>3. Analysis of the first-cycle programme completed by the candidate</li> <li>4. Verification of the candidate's language skills</li> </ol>
<p><b>Advanced Design and Technology*</b> (English, four-semester programme)</p>	<ol style="list-style-type: none"> <li>1. Verification of the competences acquired by the candidate during first-cycle studies, with particular emphasis on: <ul style="list-style-type: none"> <li>- systematic design methods,</li> <li>- methods of creative problem solving,</li> <li>- ability to analyse and interpret interconnected factors of social trends, technological innovation and economic factors determining new product making and development</li> </ul> </li> <li>2. Verification of the candidate's capacity to continue studies towards Advanced Design and Technology MSc degree</li> <li>3. Analysis of the first-cycle programme completed by the candidate</li> <li>4. Verification of the candidate's language skills</li> </ol>

\* to be launched