### DOUBLE DEGREE MASTER

**international biopharma.**

MCI | The Entrepreneurial School®, Austria & Università degli studi di Padova, Italy

The Double Degree program “International Biopharma” is based on a two-year (4-semester) curriculum: Double Degree students spend the first year studying at their home institution, and the second year at the host institution, where they complete their Master’s thesis. All courses are taught in English. In this way, students not only combine biotechnology with a focus on pharmaceutical biotechnology, but also gain valuable experience abroad. The main objective of the programme is to train students in the field of Biopharma. Within pharmaceutical companies, the term “Biopharma” defines those drugs produced by biological methods. Biopharma therefore focuses on research, development, production and analysis of recombinant protein drugs, monoclonal antibodies and biosimilars. Moreover, the programme aims to improve students’ capacity to study, work and live in a multicultural environment and to upgrade and diversify their approaches to international relations. Competences acquired during the programme will be a sound interdisciplinary knowledge in the field of molecular biology, biochemistry, recombinant DNA techniques and diagnostics, a solid background in chemistry, pharmacology and advanced pharmaceutical technology, including the specific technical and regulatory issues dedicated to the research, development and monitoring of innovative drugs and biosimilars in a globalized market.

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<tr>
<th>DURATION</th>
<th>4 semester including Master thesis and final exam</th>
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| SEMESTER  | Semester 1 - 2: MCI | The Entrepreneurial School®, Semester 3 - 4: Università degli studi di Padova  
|           | Winter term Padua: October - February  
|           | Summer term Padua: February - July |
| LANGUAGE  | English |
| ACADEMIC DEGREES | In Italy: Laurea Magistrate (Master’s Degree) in Pharmaceutical Biotechnologies  
|           | In Austria: Master’s Degree in Biotechnology (Master of Science in Engineering) |
| TUITION   | EUR 363 / semester for students from EU & EEA countries  
|           | Plus membership fee to the Austrian Student Union (ÖH) |
| ADMISSION | 3 seats will be allocated each year |
| REQUIREMENTS | 1. To have successfully completed the first cycle of studies (equivalent to a First Level Degree/Bachelor Degree).  
|           | 2. To be regularly enrolled in the Master’s Degree Course in “Biotechnology”, having obtained at least 54 ECTS credits at the end of the first year of master studies.  
|           | 3. Good academic records  
|           | 4. Proficiency in English |
| APPLICATION | Application through MCI (Letter of motivation, transcript of records) in the 2nd semester until beginning of March |
| MASTER THESIS | Will be written in Padua in cooperation with an supervisor at MCI |

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The image contains a curriculum layout for a program, detailing the courses offered in each semester. Here is a text representation of the course offerings and their respective ECTS credits:

**Curriculum**

<table>
<thead>
<tr>
<th>SEM</th>
<th>ECTS</th>
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<tbody>
<tr>
<td>1</td>
<td>30</td>
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<tr>
<td>2</td>
<td>30</td>
</tr>
<tr>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td>4</td>
<td>30</td>
</tr>
</tbody>
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Courses Include:
- Biostatistics & Scientific Methods
- Structural Biochemistry
- Molecular and Experimental Pharmacology
- Other
- Molecular Biology & Physiology
- Bioprocess Engineering & Biotechnology
- Biotechnology 1
- Plant & Food Biotechnology
- General Management 1
- Project
- General Management 2
- Project
- Downstream Processing
- Upstream Processing
- Biotechnology 2
- Project
- Protein Engineering
- Other
- Masters Thesis and Final Examination

The program structure spans from Oct to Jan and Mar to Jun.