
Bachelor Degree in Mechatronics (Informatics) for Free

Czech Higher Education for International Students

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<meta name="viewport" content="width=device-width"> <style> .container-s1 { display: flex; align-items: center; justify-content: center; background-image: linear-gradient(rgba(0, 0, 0, 0.0), rgba(0, 0, 0, 0.0)), url(https://ujop.cuni.cz/UJOPEN-126-version1-sekce_tech.png); background-position: center; background-size: cover; } .text-block { background-color: rgb(0,0,0); background-color: rgba(0,0,0, 0.7); color: white; font-size: 1.2em; padding: 10px; margin: 2% 40% 2% 2%; } .onlymobileshow { display: none !important; } .flex-container { display: flex; flex-direction: row; } .flex-item-40l { padding: 10px 0px 10px 10px; margin: 10px 10px 10px 0px; flex: 40%; } .flex-item-60r { padding: 10px 10px 10px 20px; margin: 10px 10px 10px 10px; border-left: 1px solid gray; flex: 60%; } .flex-item-60l { padding: 10px 0px 10px 10px; margin: 10px 10px 10px 0px; flex: 55%; } .flex-item-40r { padding: 10px 10px 10px 20px; margin: 10px 10px 10px 10px; border-left: 1px solid gray; flex: 45%; } .flex-item-30 { padding: 10px; margin: 10px 10px 10px 0px; flex: 30%; text-align: center; } .flex-item-70 { background-color: #f2f2f2; padding: 10px 10px 10px 10px; margin: 10px 0px 10px 10px; flex: 70%; } .container-s2 { display: flex; flex-direction: row; flex-wrap: wrap; padding: 2rem 0; align-items: center; justify-content: center; gap: 1em; } .card3 { display: flex; width: 40%; padding: 1rem; background-color: #f2f2f2; box-shadow: 0 10px 10px -15px rgb(0 0 0 / 10%); text-align: left; } .container-s3 { display: flex; align-items: left; justify-content: center; flex-direction: column; flex-wrap: wrap; background-image: linear-gradient(rgba(0, 0, 0, 0.0), rgba(0, 0, 0, 0.0)), url(https://ujop.cuni.cz/UJOPEN-126-version1-bg_09.jpg); background-position: center; background-size: cover; } .contact-box { font-size: 1.2em; padding: 50px 20px; width: 63%; } .container-s1 p { margin: 0px 0px 10px 0px; text-align: left; } .container-s3 p { margin: 0px 0px 10px 0px; text-align: left; } .flex-container p { margin: 0px 0px 10px 0px; text-align: left; } .flex-container li { margin: 0px 0px 0px 0px; text-align: left; } .text-block p { margin: 0px 0px 10px 0px; } .center { display: block; margin-left: auto; margin-right: auto; width: 50%; } .red { font-weight: bold; color: #cc2c32; } .icon-contact { width: 2.5em; margin: 10px; } @media only screen and (max-width: 768px) { /* For mobile phones: */ .container-s1 { padding-top: 20px; } .text-block { font-size: 1em; margin: 20px 20px 20px 20px; } .onlymobileshow { display: block !important; padding-bottom: 1em; } .pic { width: 100%; } .flex-container { flex-direction: column; text-align: left; } .flex-item-40l { padding: 20px 0px 0px 0px; margin: 0px 0px 0px 0px; } .flex-item-60r { border: none; padding: 10px 0px 0px 0px; margin: 0px 0px 0px 0px; } .flex-item-60l { padding: 20px 0px 0px 0px; margin: 0px 0px 0px 0px; } .flex-item-40r { border: none; padding: 10px 0px 0px 0px; margin: 0px 0px 0px 0px; } .flex-item-70 { padding: 10px; margin: 10px 0px 50px 0px; } .flex-item-30 { padding: 10px; } .flex-container p { margin: 0px 0px 20px 0px; } .center { display: block; margin-left: auto; margin-right: auto; width: 100%; } .logox { width: 60%; padding: 50px 20px; } .container-s2 { flex-direction: column; padding-top: 50px; padding-bottom: 1.5em; gap: 0.8em; } .card3 { width: 95%; } .contact-box { width: 100%; background-color: rgb(255,255,255); background-color: rgba(255,255,255, 0.7); font-size: 1em; } } </style>
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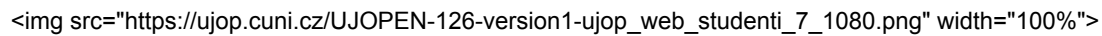
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<p></p>
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<div class="container-s1"> <div class="text-block"> <p><strong>Study at the best Czech universities for free.</strong></p> <p>According to the law, higher education in the Czech Republic (bachelor's and master's degree studies) is free for everyone, including foreigners. The only condition is that <strong>you have to study in Czech</strong>. But don't be afraid! It is difficult, but possible.</p> <p>The chances of ÚJOP Charles University graduates to enter the best universities in popular specialties increase significantly. We have been successfully preparing foreign students for admission to Czech universities for over 60 years.</p> </div> </div>
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Work in the Czech Republic after University Graduation

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<div class="flex-container"> <div class="flex-item-40l"> <p style="font-size: 1.2em; text-align: left; font-weight: bold; color: #cc2c32;">What are the advantages of a diploma received in the Czech Republic?</p> <p>First, you get <strong>free access to the Czech labor market</strong> – you do not need to go through complicated procedures, which are mandatory for foreigners that do not have a Czech diploma.</p> <p>The second important argument in favor of a Czech diploma is that <strong>your education is easily recognized in any country of the European Union</strong>.</p> </div> <div class="flex-item-60r"> <p style="font-size: 1.2em; text-align: left; font-weight: bold; color: #cc2c32;">What can you do with a Mechatronics degree?</p> <p>Graduates of the study program are going to be employed in the field of technical development, management of industrial highly automated processes, design of new technological and information equipment and systems that require versatile knowledge and rapid adaptation. Due to the continuously
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increasing pace of technological progress, most modern products cannot be developed without combining knowledge from various technical fields. Therefore, new specialists who are not only well versed in their narrow specialization, but also have knowledge in related fields, are required more and more often. As a consequence of this fact, a new technical discipline called "mechatronics" emerged at the end of the 20th century. Mechatronics combines knowledge mainly from the fields of electronics, mechanics, computer science and management. Its main features are artificial intelligence, interactivity, autonomous behavior or readiness of structures. It is used in many modern fields such as robotics, smart sensors, satellite technologies, etc. With an increasing frequency, this technical field is also moving towards the field of natural sciences, and new interdisciplinary areas are emerging, such as nanotechnology, biotechnology and restoration technologies.



Mechatronics at Czech Universities

Mechatronics at Technical University of Liberec (TUL)

The university offers education in the field of mechatronics, i.e. in the field of computer science, automation, diagnostics, measurement and management processes, design of electronic control of machines with the optimal use of mechanical, electrical, hydraulic and pneumatic elements and components. After the second semester, students can choose their specializations:

- Mechatronics (focus on automation, diagnostics, measurements and management processes)
- Smart technologies (focus on IoT, smart buildings and Industry 4.0).

The classes are conducted at the Faculty of Mechatronics. Find the detailed admission requirements here. (updated 28.03.2023).

Admission requirements

Entrance exam. A test in mathematics and computer science. Entrance test examples are presented on the website of the Faculty of Mechatronics.

Level of the Czech language proficiency: B2. Read more about language proficiency here.

Level of the Czech language proficiency: B2. [Find out more about language competence](https://ujop.cuni.cz/UJOPEN-128.html).

Preparatory course at ÚJOP Charles University for

Mechatronics

Description of the preparatory course

The preparatory course at ÚJOP Charles University includes **intensive Czech language learning and training in special subjects**, the knowledge of which you will need at the entrance exams and during your further studies. The course is also suitable for those who are starting to learn Czech from scratch. Our **language certificate is recognized by more than 80 faculties of state universities**, which means that you won't need to take an exam in Czech when you apply to a university.

During the course, you will study:

- Intensive Czech language course** (including professional terminology)
- Specialised subjects:**
- Mathematics
- Physics
- Informatics
- English

More about the course

The price of the ÚJOP Charles University course includes

from 650 to 1200 hours of study per year

- a certificate exempting you from the Czech language exam in most faculties
- InfoPoint consultations (email / WhatsApp)
- assistance with student visa application
- tutoring support during your studies
- assistance with recognition of foreign education

div></div> <div class="card3"><div style="padding-right: 30px; float: left;"></div> <div>career guidance</div></div> <div class="card3"><div style="padding-right: 30px; float: left;"></div> <div>connection to the student Wi-Fi network</div></div> <div class="card3"><div style="padding-right: 30px; float: left;"></div> <div>Microsoft Teams license</div></div> <div class="card3"><div style="padding-right: 30px; float: left;"></div> <div>access to the libraries of Charles University</div></div> <div class="card3"><div style="padding-right: 30px; float: left;"></div> <div>textbooks for all subjects</div></div> <div class="card3"><div style="padding-right: 30px; float: left;"></div> <div>no hidden fees</div></div> </section>

Step-by-step instructions for admission to the preparatory course

Click the banner and find detailed instruction on how to apply for a preparatory course at ÚJOP Charles University.

<figure> </figure>

Video instruction

Student visa to the Czech Republic – step-by-step instructions

<div class="flex-container"> <div class="flex-item-40l"><p>We provide consultation throughout the entire visa process and prepare all the necessary documents from our side. Detailed instructions for the visa process can be found here.</p></div> <div class="flex-item-60r"><p>For your convenience, we have prepared a step-by-step guide from which you will learn: how to schedule an appointment at the consulate; what documents you will need to collect; how to fill in the application form; what questions you may be asked at the interview for your visa; how long you should wait to get your visa, etc. </p></div> </div>

Consultations on education in the Czech Republic

<section class="container-s3"> <div class="contact-box"><div style="width: 90%"><p style="font-size: 1.2em;">If you have any questions, our InfoPoint ÚJOP UK can assist you.

</p> <p style="font-size: 1.2em;"> studujop@ujop.cuni.cz</p> <p style="font-size: 1.2em;"> +420 778 754 481</p> </div></div> </section>

Accommodation for foreign students in the Czech Republic

<div class="flex-container"> <div class="flex-item-40l"><p>Students of our courses can live in dormitories of ÚJOP Charles University.</p> <p>Read more about dormitories of ÚJOP here.</p></div> <div class="flex-item-60r" style="border: none;"></div> </div>