



Fakulta rybnářství
a ochrany vod
Faculty of Fisheries
and Protection
of Waters

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice



INTERNATIONAL SUMMER SCHOOL 2022

| *course information brochure*

www.frov.jcu.cz
General Manager

FIRSTLY

Thank you

FOR CONSIDERING US!

Dear applicant,

glad to see your interest in our International Summer School. Let me introduce you this four-week course and guide you through the process of project selection and registration for the course.

In this brochure, I will introduce you the University of South Bohemia in České Budějovice and more closely the Faculty of Fisheries and Protection of Waters USB with CENAKVA Research Infrastructure, where you will be working on a small research project within the ISS program.

I will show you how to apply and everything else you need to be successfully accepted.

Come to spend an extraordinary summer month in a small town with a big potential.

This brochure will give you complex information about the ISS course, but if you have any questions, do not hesitate to write me anytime!

Adéla Minaříková

ISS coordinator
aminarikova@frov.jcu.cz



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*Unige experiences, smart studies, beautiful town -
come to find your future at the University of South
Bohemia.*

1 | *Welcome* ...TO THE USB

The USB is a modern public university located in České Budějovice, Czech Republic.

The university has interesting programs and a wide range of courses in foreign languages. It fosters close cooperation with more than 400 universities around the world, supports foreign studies, student's research and offers a lot of exchange opportunities.

We educate approx. 9000 students at our 8 faculties in more than 220 study programs, including bachelor's and master's degrees as well as doctoral programs.



Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice



Filozofická
fakulta
Faculty
of Arts



Teologická
fakulta
Faculty
of Theology



Ekonomická
fakulta
Faculty
of Economics



Pedagogická
fakulta
Faculty
of Education



Zemědělská
fakulta
Faculty
of Agriculture



Fakulta rybářství
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Přírodovědecká
fakulta
Faculty
of Science



Zdravotně
sociální fakulta
Faculty of Health
and Social Sciences



We are a “small” faculty with a predominance of research activities - research and especially applied research in the field of fisheries and water protection.

1

Welcome

...TO THE FACULTY OF FISHERIES AND PROTECTION OF WATERS USB

We are a young active faculty that creates a self-sustaining economic, social, dynamic and nature-friendly Europe. We are leaders in the fields of fishery, protection of waters and aquaculture. Within the ISS course, you will meet the dean of the FFPW USB Prof. Dipl.-Ing. Pavel Kozák, Ph.D. and the ISS guarantor, the vice-dean for international relations Assoc. Prof. Dipl.-Ing. Vladimír Žlábek, Ph.D., and also many of our expert colleagues in laboratories.

When you come to participate our summer school program, you will get to know the FFPW USB facilities, which are in České Budějovice, Vodňany and Nové Hrady.



Faculty *Facilities*

Vodňany

Most of faculty laboratories are located in the historic town of Vodňany (in the FFPW USB Main building), which was appointed as a royal town in 1336. Later the town became famous as one of the centres of South Bohemian fishing. Nowadays it has more than 6 500 inhabitants and creates a nice mix of the magical ambiance of a traditional fishing town and modern science environment. The Secondary Fishing School in Vodňany was founded in 1920 and it is the only school in the Czech Republic and also on an international scale, where the study field of Fishery is taught. Our unique Faculty of Fisheries and Protection of Waters USB was established in 2009 and since then has continued in a tradition of research of the Research Institute of Fish Culture and Hydrobiology, which was established in 1921.

CENAKVA Research Infrastructure

The CENAKVA Research Infrastructure is the research infrastructure which helps to create global trends in fisheries concerning to conservation of biodiversity of hydrocenoses in Europe. The main scientific objective of the centre is to fully understand the processes in freshwater ecosystems, protection of water environment and also the protection of water resources for life and human activities.



Research Institute of Fish Culture and Hydrobiology (FFPW USB Main building)

In the FFPW USB Main building there is the faculty management and the dean's office. You can also find here the Research Institute of Fish Culture and Hydrobiology, which is the largest and most comprehensive internationally recognized facility focusing on basic research and primarily on applied research in the field of fish culture in the Czech Republic.



Experimental Fish Culture and Facility

It consolidates a complex of 50 experimental ponds with a total area of nearly 7 ha and fish rearing facility equipped with flow through as well as recirculation systems primarily for keeping of early stages of various fish and crayfish species. In early 2013, the facility was updated by new rearing systems, a laboratory and teaching rooms. Further, a new outdoor gutter with a hundred different tank types available for fish and crayfish has also been put into operation.



Genetic Fisheries Center

The purpose of the Genetic Fisheries Centre (GFC) is to preserve genetic resources of existing broodstock and populations of carp, tench, wels and sturgeons. Nowadays we are keeping 15 breeds and lines of common carp, 11 breeds plus three colour (golden, blue and white) varieties of tench and two breeds of wels. This Centre has been entrusted with leading the breeding and testing program of common carp and tench performance in the Czech Republic since 1982.



International Environmental Educational, Advisory and Information Centre of Water Protection (IEEAIC / MEVPIS)

The MEVPIS (IEEAIC) centre is focused on the realization of different courses, programs, international conferences and informational events in the field of lifelong learning. For that reason, is this administrative and educational centre of the faculty with accommodation and management facilities focused on international students, summer schools, lifelong learning, workshops, promotion and management of projects. This is the place where you will be accommodated.

2 | Faculty Facilities

České Budějovice

České Budějovice was founded by the Czech King Přemysl Otakar II. in 1265. Nowadays České Budějovice is an administrative and cultural metropolis of the South Bohemian region. It has more than 94 000 inhabitants and many historical monuments and museums. Also, there is the award-winning brewery Budweiser Budvar, which is the only one brewery in the Czech Republic owned by the state. The historic town center was declared as a town monument reserve on 19th March 1980.

The University of South Bohemia is based in České Budějovice as well as some of the FFPW USB facilities. There are many opportunities how to spend students' life as cultural, social and sports activities.



Institute of Aquaculture and Protection of Waters (IAPW)

This institution offers students and researchers specialization in the fields of fish farming, fishery, fish quality, hydrobiology and water protection. The IAPW consists of 2 laboratories (Laboratory of Controlled Fish Reproduction and Intensive Fish Culture and Laboratory of Nutrition) and the Processing Unit and Shop with Fish and Aquaculture Products.



Processing Unit and Shop with Fish and Aquaculture Products

The unit is used for the processing of fish from our own production (especially the Omega3carp) and releasing top-quality fish products according to the HACCP standards (Sturgeon-Friendly Caviar). At the same time students of the faculty have the opportunity to evaluate and gain practical experience in the field of production and sale of freshwater and marine fish. Besides the classical processing of fish, the processing plant and "[Fish for Health](#)" shop prepare fish banquet menus for conferences, family celebrations and corporate events.



Educational facilities "ZR FROV JU"

Most of the theoretical and practical education of bachelor (Fishery, Protection of Waters) and master study programs (Fishery and Protection of Water) take place in the newly built modern facility "ZR".

Laboratories deal with a wide range of research and consulting activities in the areas of pond and intensive aquaculture, processing and fish quality, fishery in open waters, hydrobiology and water protection.

Nové Hradky

Institute of Complex Systems (ICS)

The Institute of the Complex Systems was established as one of the faculty institutes in 2012. The main aim of the institute is research in the field of complex systems and the creation of a closed-loop cycle from an experiment design over experiment realization, data processing and analysis to data management. There is also organized a traditional International Summer School for foreign students besides many other activities.

About the program

... BASIC INFORMATION



WHEN?

27th June to 22nd July
2022



FOR WHOM?

BSc., MSc. and Ph.D.
students



WHERE?

Mainly in Vodňany
(or České Budějovice -
depends on the project)

WHAT CAN YOU EXPECT?

- **Four week course** within which you are involved in a small research project;
- **work in very well-equipped laboratories** under the guidance of experienced researchers of the FFPW USB;
- **excursions** to fish farms and other interesting places;
- **professional lectures of leading Czech and foreign researchers;**
- **stay in an international team;**

CONDITIONS OF PARTICIPATION:

- **be a student at the time of the event;**
- **level of English B1** (intermediate) - writing, speaking, understanding;
- **be interested** in a selected project;
- **fill in the application form;**
- **CovidPass is required!**

Incomplete application won't be accepted!

MORE INFORMATION:



<https://www.frov.jcu.cz/en/international-relations/summer-schools>

ISS step by step

CHOOSE YOUR PROJECT



You can find the list of projects on the website [here](#).

FILL IN THE APPLICATION FORM



Fill in the application form, till **31st March 2022**.

WAIT FOR AN ANSWER



We will send you an answer if you have been selected till **18th April 2022**. Each applicant will be notified by e-mail whether or not he / she has been selected.

WAIT FOR AN INVITATION LETTER



You will receive an invitation letter and a confirmation of accommodation by post and also a scan version by e-mail, in case of acceptance.

FIND OUT IF YOU NEED A VISA



Contact your embassy or a Ministry of Foreign Affairs and find out if you need a visa. **When you receive your visa, please send a copy of it + a copy of your ID card (or passport)** to the coordinator of the course Adéla Minaříková, aminarikova@frov.jcu.cz.

PLAN YOUR EDUCATIONAL TRIP



Book your flight tickets and arrange your travel insurance. Travel expenses to / from Vodňany, travel insurance, entrance fees, entrance administration fee and beverages, coffee, lunches and dinners are covered by you.

PAYMENT INSTRUCTION



Wait for payment instruction. The administration fee is €50. If the situation, due to the COVID-19 pandemic, would not allow conducting the ISS 2022 program according to the plan, the event will be canceled, and the fee refunded.

LET US KNOW THE DETAILS ABOUT YOUR ARRIVAL



Send an e-mail to the coordinator with details of your arrival to Vodňany. The coordinator will help you to organize your trip and advise you how to get to Vodňany.



DETAILED PROGRAM

We will send you the detailed programme via e-mail.



THE DAY OF ARRIVAL IS 27TH JUNE 2022

The ISS coordinator will welcome you in Vodňany. We will show you the accommodation at the MEVPIS centre, make necessary paperwork and then you will meet other ISS participants.



NEW EXPERIENCES

A whole month of education awaits you! You will have to undergo a safety training at first, then you will meet your project leaders and start to work on the projects. You can manage your free time. If you need tips for some trips contact the coordinator, please.



THE END OF THE ISS COURSE IS ON 22ND JULY 2022

The final presentations of students works will be held on the last day and the best presentation will be awarded. You can go home after the end of the official program.

WHAT IS COVERED BY THE FACULTY?

- accommodation during the official program of the ISS 2022 course
- breakfasts
- work in labs
- using of laboratory equipment
- lectures and tutors
- insurance during the stay of the ISS 2022
- scientific supervision
- transport to / from excursions
- Wi-Fi connection at the faculty buildings
- social evening

WHAT IS COVERED BY PARTICIPANTS?

- non-refundable administration fee €50 (except for the situation related to COVID-19 measures, see more on the page No. 14)
- travel expenses to / from Vodňany
- personal expenses
- travel insurance for travelling abroad
- entrance fees
- beverages, coffee, lunches, dinners etc.

The International Summer School is supported by the budget of the Faculty of Fisheries and Protection of Waters USB and the budget for development of the University of South Bohemia in České Budějovice.



prof. Ing. Pavel Kozák, Ph.D.

Dean of the Faculty of Fisheries and
Protection of Waters USB

doc. Ing. Vladimír Žlábek, Ph.D.

Vice-dean for international relations



Klára Šmíd Nachlingerová

Head of the MEVPIS centre Vodňany

Bc. Dana Brožová

Coordinator of MEVPIS events



Adéla Minaříková

Coordinator of the ISS course



*We look forward to
meeting you.*