Ph.D. study
Specialist in biological and biologically-related fields

Activities:
• Daily Ph.D. study in discipline of Protection of Aquatic Ecosystems;
• Work on own Ph.D. thesis topic (List of available Ph.D. thesis topics and contact to supervisors you can find below);
• Publication of manuscripts in Q1-Q3 journals;
• Presentation of results at international conferences, faculty seminars, realization of research internships abroad;
• Tuition in field of study, consulting or supervising of bachelor or master students;
• Supervising of summer school projects;
• Other activities within given research unit.

Requirements on applicants:
• Successfully completed master study field of environmental chemistry, toxikology, ecology, biology, protection of environment or related fields;
• Admission into Ph.D. study program Protection of Aquatic Ecosystems at USB FFPW, full-time form of study;
• General knowledge of biology, aquatic ecology and chemistry;
• English language knowledge minimally at B1 level;
• User knowledge of PC work – MS Office (Word, Excell, PowerPoint, Outlook);
• Communicativeness, responsibility, thoroughness, organizational ability, willingness to learn new things, stress resistance.

We offer
• Nice working environment in new faculty infrastructures;
• Study and work in international collective;
• Possibility for personal and professional development;
• Other benefits (5 weeks holiday, 4 days of indisposition vacation, MS Office for private usage);

Position start: February – March 2022
Working hours: reflecting full work load (40 hours a week)
Duration of position: 4 years (based on the duration of Ph.D. study)
Net month income: 15 200 - 20 000 CZK (based on the study results)
Place of work: based on the selected supervisor (RIFCH, Zátiší 728/II, Vodňany; IAPW, Husova tr. 458/102, České Budějovice; ICS, Zámek 136, Nové Hrady)

Get in contact with supervisor written by the selected theme. In case of a mutual deal, complete the application to study. Applicants for position should submit application to Ph.D. study at USB FFPW to address: Faculty of Fisheries and Protection of Waters, Office for Ph.D. study and foreign relationships, Zátiší 728/II, 389 25, Vodňany, Czech Republic or into e-mail lkacerova@frov.jcu.cz within November 14, 2021.

Topics for dissertation thesis for DSP Protection of Aquatic Ecosystems 2021/2022 2nd call

Ing. Bc. Kateřina Grubicová, Ph.D. – grubicova@frov.jcu.cz, +420 38777 4752
- Polar micropollutants and aquatic organisms – a study of fate and effects with application of targeted and non-targeted LC/HRMS analysis

prof. Ing. Tomáš Randák, Ph.D. – trandak@frov.jcu.cz, +420 38 777 4603
- Ecological consequences of the presence of psychoactive substances in the aquatic environment

doc. Ing. Hana Kocour Kroupová, Ph.D. – kroupova@frov.jcu.cz, +420 38 777 4621
- Toxicity of nitrogenous compounds to aquatic organisms

doc. Mgr. Roman Grubic, Ph.D. – rgrubic@frov.jcu.cz, +420 38 777 4756
- Development of LC/HRMS methods and data analysis workflows for identification of compounds with adverse effects in sample fractions selected by Effect Directed Analysis (EDA)

doc. RNDr. Andrea Vojs Staňová, Ph.D. – vojsstanova@frov.jcu.cz, +420 38 777 4752
- Advanced MS methods for identification, quantification and assessment of emerging pollutants in water

Mgr. Jiří Jablonský, Ph.D. – jjablonsky00@frov.jcu.cz, +420 38 777 3828
- Multi-omics integration deciphering the metabolic regulation of cyanobacteria

M.Sc. Ganna Fedorova, Ph.D. – gfedorova@frov.jcu.cz, +420 38 777 4752
- Pharmaceuticals in reclaimed water: possibilities, benefits and risks of wastewater reuse