

Presentations:

1. Some data on status and trends reporting on aquaculture at international level, improvement in freshwater fish species induced breeding technology.
2. Regulation of endocrine system in fish reproduction biology.
3. Detection and prevention of sickness occurs during induced breeding. EU regulation of fish health and safety directive.
4. Breeding of common carp (*Cyprinus carpio*) and herbivore fish species.
5. Breeding of pikeperch (*Sander lucioperca*).
6. Sperm cryopreservation technologies in breeding technologies.
7. Breeding of pike (*Esox lucius*).
8. Breeding of catfish (*Silurus glanis*).
9. Breeding of native fish species.
10. Breeding of eel (*Anguilla anguilla*).
11. Breeding of African catfish (*Clarias gariepinus*).
12. Physiological changes and their effects occur during fish breeding.



Seminars and laboratory exercises:

- * Introduction of sperm cryopreservation in practice.
- * Induced reproduction of crucian carp (*C. carassius*) in practice (selection of females and injection) I.
- * Induced reproduction of crucian carp in practice (stripping and fertilization, hatching) II.
- * Induced breeding of African catfish (selection of females, injection) I.
- * Induced breeding of African catfish (egg stripping, fertilization, and treatment) II.

Contact information:

All applicants must apply via www.ceepus.info website or send an e-mail immediately to

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www.easonline.org

www.eassg.org



**CEEPUS Summer
Course 2009
HU-03 @groen
Network**

27/07/2009 – 05/08/2009

Organised by
Department of Aquaculture, Szent
István University at Gödöllő,
Hungary



Sponsored by
Central European Exchange Program
for University Studies (CEEPUS)

Supported by
European Aquaculture Society and
EAS Student Group

CEEPUS Summer Course 2009 HU-03 @agroen Network

The Organizers of the 2nd Summer School – the *Department of Aquaculture, Szent István University (SZIU)*, and *CEEPUS* - are inviting undergraduate and graduate students, researchers and teachers, as well as other specialists interested in the field of *reproduction and breeding of freshwater native fish species*.

Date of course: 27/07/2009 – 05/08/2009

Place of course: SZIU, Gödöllő, Hungary

Course Description: This ten day course is focused on the reproduction and induced breeding of freshwater fish species.

The course includes a *tour of a Fishing Museum* at a fishery and several laboratory classes.

A *certificate of attendance* and *8 (3 ECTS) credits* will be awarded to students who complete the course.

Who can apply: Who are interested in the field and has a *CEEPUS country citizenship* get a *free grant*. These are: Albania, Austria, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Macedonia, Montenegro, Poland, Romania, Serbia, Slovakia, Slovenia and United Nations Interim Administration Mission in Kosovo.

The grant includes lunches, accommodation, a tour as well as the course's documents. Not all of the applicants costs will be covered. Grant recipients will be required to cover their own travel expenses, travel insurance and approximately 1000 HUF per night.

Any EU and non-EU citizens (no criteria for position) can apply. However, the registration fee for non-CEEPUS citizens is 395 EUR + travel expenses which consist of accommodation, meals, course materials and other costs.

Limitations: The grant is limited to 20 applicants.

Deadline for registration: 10th of June, 2009.

First Summer Course (2008)

Photos on the flyer were taken during the 1st CEEPUS Summer course at our Department, which focused on the freshwater fisheries and their management. 15 MSc, PhD students and researchers from aquaculture, environmental and veterinary fields from 6 countries (Austria, Romania, Slovakia, Croatia, Czech Republic, Lithuania) were granted the opportunity to participate in the course which took place on 11.08 – 20.08 2008.



CEEPUS - Central European Exchange Program for University Studies (2009)

Network mobility requirements for students

- * full-time student status at a higher education institution in the home country;
- * two completed semesters;
- * maximum 35 years of age;
- * support of the network coordinator at the home institution.

Applying for a grant

- * find an appropriate CEEPUS network at the home university
- * check out the application procedures and requirements at www.ceepus.info

Freemover mobility at Central Europe

If you study at a university that does not participate in a CEEPUS network, you may join the programme as a freemover.



Teachers:

Dr. *Urbányi, Béla*; associate professor
Dr. *Horváth, Ákos*; senior scientist
Dr. *Szabó, Tamás*; assistant professor
Dr. *Müller, Tamás*; researcher
Dr. *Bokor, Zoltán*; researcher
Trenovszki, Magdolna; predoctoral researcher
Demény, Ferenc; PhD student

Guest Lecturers:

- Dr. *Horváth, László*; professor, Doctor of the Hungarian Academy of Sciences (DSc)
- Dr. *Baska, Ferenc*; Associate professor, DVM PhD, Department of Pathology and Forensic Veterinary Medicine
- Dr. *Mézes, Miklós*; professor, Head of Department of Nutrition, Doctor of the Hungarian Academy of Sciences (DSc)

Field trip:

There will be a tour of the most famous and biggest Hungarian fishing museum at Réti-major (Fejér County). The history of fishing and its tool tools are displayed along with equipment used; exhibition guidance in English.

