



PhD Orientation DSCES, CEMSDS 2025/26



Useful information

<https://mk.uni-pannon.hu/index.php/en/english/doctoral-schools>



Doctoral School of Chemistry and Environmental Sciences

Photochemical reactions, Photo-catalysis, Environmental chemistry, Statistical thermodynamics of molecular fluids, Liquid crystals, Thermo-chemistry, Radiochemical methods, Catalytic reactions of biologically important compounds, Organs metallic chemistry, Environmental analytical chemistry, Atmospheric chemistry, Chemistry of water in the environment, Limnology, Geochemistry, Radioecology, Toxicology, Biophysics, Biogeochemistry

[Doctoral School of Chemistry and Environmental Sciences](#)



Chemical Engineering and Material Sciences Doctoral School

Chemical engineering, Cybernetics, Environmental chemical engineering, Organic chemical technology, Process and products of the hydrocarbon processing industries, Up-to-date chemical unit operations, Surface chemistry

[Chemical Engineering and Material Sciences Doctoral School](#)



Calendar of Doctoral Schools

Learn more about the dates of doctoral defenses, workshops, and comprehensive exams in the calendar.

[Go to the Calendar](#)



Pannon Egyetem
University of Pannonia

DSCES

E-mail: mk-phd@mk.uni-pannon.hu

<https://mk.uni-pannon.hu/index.php/en/dsces>



Category: DSCES 22 May 2020

Doctoral School of Chemistry and Environmental Sciences

PhD in Chemistry or Environmental Sciences

Contact: Prof. Dr. Ottó Horváth, head of the school
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E-mail: horvath.otto@mk.uni-pannon.hu

Jancsek-Turóczi, Beatrix Ph.D., secretary of the school
Tel.: +36/88/624-000 / 6059,
E-mail: jancsek-turoczi.beatrix@mk.uni-pannon.hu

For any studies related queries, please contact Zsuzsanna Csomai at csomai.zsuzsanna@mk.uni-pannon.hu

The primary aim in our doctoral school is to train scientists who can continue their creative scientific work related to leading fields of chemistry and environmental sciences after completion of their MSc studies. The doctoral school was established in 2000 as the highest level of education in chemistry and environmental sciences at the University of Pannonia. Since then, more than 125 degrees have been granted.



Application

[Application form](#)

- [Guide to PhD Application](#)
- [PhD entrance exam evaluation](#)
- [Stipendium Hungaricum admission procedure](#)

Magyar oldal

DSCES menu

DSCES organization

core members of DSCES

PhD students

thesis topic proposals

Application

International Mentor Team

DSCES alumni

Information about the doctoral program

Rules and laws

Cooperation agreements

DSCES basic documents

Course list and thematic

Application forms

Documentation of PhD students

Complex exam

Thesis defence process

Doctoral dissertation



Pannon Egyetem
University of Pannonia

CEMSDS

<https://mk.uni-pannon.hu/index.php/en/cemsds>

E-mail: mk-phd@mk.uni-pannon.hu

About CEMSDS

Category: CEMSDS 16 July 2020

Chemical Engineering and Material Sciences Doctoral School (CEMSDS)

Head of the Doctoral School

Dr. Katalin Bélafiné Bakó
Research Institute of Bioengineering, Membrane Technology
and Energetics
E-mail: belafine.bako.katalin@mk.uni-pannon.hu

Secretary of the Doctoral School

Dr. Tóth-Bodrogi Edit
Department of Radiochemistry and Radioecology
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For any studies related queries, please contact us at mk-phd@mk.uni-pannon.hu.



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CEMSDS menu

About CEMSDS

Information about the doctoral
program

core members of CEMSDS

thesis topic proposals

PhD students

UP International office



Pannon Egyetem
University of Pannonia

Information about the doctoral program

Category: CEMSDS 21 March 2023

- [Information - PhD Student Guide](#)
- [Call for Application for Stipendium Hungaricum Dissertation Scholarship - deadline 16 May](#)
- [Supervisor statement sample \(Stipendium\)](#)
- [Time to sharpen your academic writing skills!](#)

Rules and laws

- [Doctoral rules](#)
- [Rules and Regulations CEMSDS](#)
- [Training program CEMSDS](#)

Cooperation agreements

- [Hungarian Academy of Sciences in Hungarian](#)
- [HAS Centre of Energy Research in Hungarian](#)

Application

- [Call & Application form](#)
- [PhD entrance exam evaluation](#)
- [Stipendium Hungaricum scholarship programme admission procedure](#)

Documentation of PhD students

- [PhD study research plan](#)
- [Guidelines for doctoral work plan](#)
- [Doctoral transfer credit request](#)
- [Application for changing supervisor](#)
- [Suspension of studies](#)
- [Evaluation sheet](#)

Complex exam

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CEMSDS menu

About CEMSDS

Information about the doctoral program

core members of CEMSDS

thesis topic proposals

PhD students

UP International office

• Complex exam

- [Application for complex exam](#)
- [Proposal for board of complex exam](#)
- [Publication list](#)
- [Rules of complex exam in Hungarian](#)
- [Complex exam committee proposal](#)
- [Checklist - complex exam](#)

• Thesis defence process

- [Pre-degree application form](#)
- [Request for the approval of awarding doctorate degree](#)
- [Comprehensive exam committee proposal](#)
- [Thesis defense committee proposal](#)
- [Comprehensive exam application](#)
- [Pre-degree application form](#)
- [Checklist - doctoral defence](#)
- [Co-author's template](#)

• Doctoral dissertation

- [Information about doctoral dissertation](#)
- [Sample of page 3 - before 2016](#)
- [Sample of page 3 - after 2016](#)
- [Dissertation page 1 template](#)
- [Time to sharpen your academic writing skills!](#)



Training structure

Training and research phase

- Completion of subjects
- Research



COMPLEX EXAM

Research and dissertation phase

- Research
- Preparation of the doctoral thesis



Training and research phase

Work plan (1. semester)

- Course planning
- Deadline: end of October
- Electronically to the DS Secretary

Training programme!!!



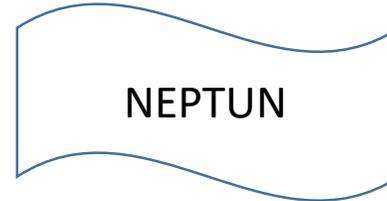
You can deviate from the work plan as you go along, but you must ask the Doctoral Programme and Habilitation Council (DPHC) for permission to make substantial changes!



Training and research phase

Registering for subjects

- According to the training programme (min. 48 credit)
- Registering, dropping courses:
 - Spring semester: 31 May,
 - Autumn semester: 31 December
- Any subject can be recorded, which is accredited by the Doctoral School of Chemistry and Environmental Sciences of the University of Pannonia or by any other doctoral school accredited in Hungary! (assessment, and credit acceptance can be requested on a separate form)
- Complex exam:
 - DSCES: from mandatory subjects
 - CEMSDS: mandatory main subjects + subjects from specialization
- Course list, course contents



Training and research phase

Training programme!!!

DS website

Educational activity: (DSCES max. 32, CEMSDS max. 45 credit)

Publication activity: min. 70 credit

DSCES:

- a) three publications published or accepted for publication in peer-reviewed international journals, each with an impact factor greater than 1, regardless of the order of authors; or
- b) at least two articles published or accepted for publication in a peer-reviewed English-language journal with impact factor, of which the PhD candidate is the first author; AND presentation of a paper and/or poster at at least one international scientific conference.

CEMSDS:

A minimum of 3 publications in foreign language peer-reviewed journals, 2 of which must be published or accepted for publication in foreign peer-reviewed journals. At least one of the journals must be rated Q1 or the cumulative impact factor of the publications must exceed 2.00.



Training and research phase

The supervisor is obliged to assist the doctoral student to the best of their ability, but the doctoral student is solely responsible for the success and effectiveness of the research.

Reports:

DSCES:

- end of each academic year
- final report (An electronic summary of 6 to 10 pages 10 working days before the final report shall be submitted to the secretary of the DS)

CEMSDS:

- End of each semester

The report must be signed in Neptun!!!! (Date: date of report)



Training and research phase

Evaluation sheet

DSCES:

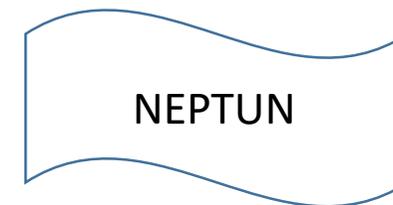
- electronically to the DS secretary's e-mail address
- the printed version to the Directorate of Education (the evaluation form must be signed by the PhD student, the supervisor and the head of the doctoral school)

CEMSDS:

- electronically and on paper (the evaluation form must be signed by the PhD student, the supervisor and the head of the doctoral school and the Directorate of Education) to the DS secretary
- attachments only electronically via email

Active/passive semester

- electronically in Neptun
- max. 4 semesters (max. 2 semesters consecutively)



Complex examination

Application:

- Neptun
 - electronically and on paper - signed by the student, validated by the signature of the supervisor - DS Secretary
 - To pass the complex examination, a minimum of 90 credits must be obtained
 - proposal of the exam committee must be sent electronically and on paper to the DS Secretary (validated by the student's signature and the supporting signatures of the subject leader and the DS Head)
 - Necessary documents/ checklist
- Planning:
- date and location to be set by the supervisor and the student (!)
 - Official invitations: staff of the Dean's Office

NEPTUN

DS

DS website

Doctoral calendar



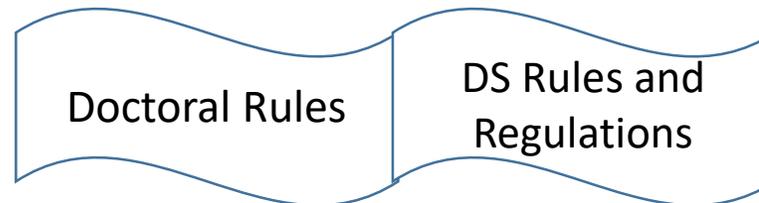
Pre-defense



- Formal requirements
- Board members (are appointed upon the recommendation of the supervisor)
- Record of the pre-defense
- Planning of the pre-defense → responsibility of the PhD student and the supervisor

Dissertation

- The dissertation must be submitted within 3 years of passing the complex examination!
- Formal requirements



The doctoral defense

- Documents/ checklist
- Organising the defense:
 - Submitting the dissertation: Dean's Office
 - Committee approval: Doctoral School
 - Official invitations: Dean's Office
 - Date of the defense: the prior agreement between the supervisor and the student (date or time interval proposal) is sent to the Dean's Office
- Procedure of the defense



DS website



Contact

- Dean's Office: *Kíra Darabos (mk-phd@mk.uni-pannon.hu)*
 - Subject inquiries
 - Arranging the complex exam
 - Arranging the doctoral defense
- Directorate of Education: *dr. Feilné Kulcsár Eszter, Szommerné Kiss Erzsébet*
 - Neptun
 - Academic Affairs
- Doctoral Schools, DS Secretary:
 - DSCES: *dr. Jancsek-Turóczy Beatrix*
 - CEMSDS: *dr. Tóth-Bodrogi Edit*
- Doctoral School Students Representatives:
 - DSCES: *Török Patrik*
 - CEMSDS: *Kámán András*

