

Registration No.: MATE-K/498-33/2026.
Institutional ID: FI51129



**Hungarian University of Agriculture and Life Sciences
Doctoral School of Economic and Regional Sciences
Training Plan**

**This Training Plan
applies to doctoral students commencing their doctoral studies after 1st September 2026**

.

Gödöllő – Kaposvár, 2026.

Contents

PREAMBLE.....	4
BASIC INFORMATION ABOUT THE DOCTORAL SCHOOL OF ECONOMIC AND REGIONAL SCIENCES	5
1. OVERVIEW OF THE DOCTORAL PROGRAMME	6
1.1. The conceptual framework of the doctoral programme	6
1.2. Entry criteria for the doctoral programme	6
1.3. Learning outcomes of the doctoral programme	7
2. OPERATIONAL STRUCTURE AND GENERAL CHARACTERISTICS OF THE DOCTORAL SCHOOL OF ECONOMIC AND REGIONAL SCIENCES.....	8
2.1 RULES GOVERNING THE DOCTORAL PROGRAMME IN SUSTAINABLE BUSINESS AND MANAGEMENT AND THE DOCTORAL PROGRAMME IN REGIONAL SCIENCES	8
2.1.1 Forms of the organised doctoral (PhD) programme	8
2.1.2 Phases of the organised doctoral (PhD) programme.....	8
2.1.3 Individual doctoral degree (PhD) programme	8
2.1.4 Structure of the doctoral (PhD) programme.....	9
2.1.5 Model curriculum for doctoral (PhD) programmes	10
2.1.6 Distribution and recognition of credits required for the award of degree during the doctoral (PhD) programme	10
2.1.7 Requirements for the complex examination during the doctoral (PhD) programme	13
2.1.8 Requirements for obtaining a certificate of completion of doctoral studies within the doctoral (PhD) programme	14
2.1.9 The degree award procedure during the doctoral (PhD) programme.....	15
2.2 RULES GOVERNING THE DOCTORAL PROGRAMME OF BUSINESS ADMINISTRATION	16
2.2.1 The form of the organised Doctoral Programme of Business Administration (DBA)	16
2.2.2 Phases of the organised Doctoral Programme of Business Administration (DBA)	16
2.2.3 Individual doctoral degree conferment procedure in the Doctoral Programme of Business Administration (DBA)	16
2.2.4 The structure of the Doctoral Programme of Business Administration (DBA).....	16
2.2.5 Model curriculum for the Doctoral Programme of Business Administration (DBA).....	17
2.2.6 Distribution and recognition of credits required for the award of the degree in the Doctoral Programme of Business Administration (DBA)	17

2.2.7 Requirements for the complex examination in the Doctoral Programme of Business Administration (DBA)	19
2.2.8 Requirements for obtaining a certificate of completion of doctoral studies in the Doctoral Programme of Business Administration (DBA)	20
2.2.9 The degree award procedure in the Doctoral Programme of Business Administration (DBA)	21
APPENDIX	22
Appendix 1: Model curriculum for the Doctoral Programme in Sustainable Business and Management.....	22
Appendix 2: Model curriculum for the Doctoral Programme in Regional Sciences	24
Appendix 3: Model curriculum for the Doctoral Programme of Business Administration (DBA).....	26
Appendix 4: Sample semester research progress report.....	28
Appendix 5: Module descriptions	29

PREAMBLE

The research focus of the Doctoral School of Economic and Regional Sciences (hereinafter: GRDI) builds upon the two doctoral schools that previously operated at the Hungarian University of Agriculture and Life Sciences (hereinafter: MATE or the University) and its predecessor institutions: the Doctoral School of Economic and Regional Sciences (based in Gödöllő) and the Doctoral School of Management and Organisational Sciences (based in Kaposvár). Within the current operational framework, the following doctoral programmes are offered:

- Doctoral Programme in Sustainable Business and Management
- Doctoral Programme in Regional Sciences
- Doctoral Programme in Business

The GRDI Training Plan is based on the following legal sources and regulations:

Act CCIV of 2011 on National Higher Education (hereinafter: Nftv.),

- Government Decree No. 87/2015 (9 April) on the implementation of certain provisions of Act CCIV of 2011 on national higher education,
- Government Decree No. 387/2012 (19 December) on doctoral schools, the procedure for doctoral studies and habilitation [hereinafter: Government Decree No. 387/2012 (19 December)],
- Government Decree No. 121/2013 (26 April) on the Education Office,
- the Rules of Procedure adopted by Resolution No. 2024/7/XX of the Hungarian Higher Education Accreditation Committee (hereinafter: MAB). (Amended by Decisions Nos. 2025/1/XV, 2025/4/VIII and 2025/5/XIV. Effective from 1 January 2025)
- Government Decision No. 1229/2012 (VII. 6) amending Government Decision No. 1004/2011 (14 January) on the establishment and implementation of the National Qualifications Framework [hereinafter: Government Decision No. 1229/2012 (6 July)].

In respect of matters not covered in this document, MATE's regulations in force at any given time shall apply.

BASIC INFORMATION ON THE DOCTORAL SCHOOL OF ECONOMIC AND REGIONAL SCIENCES

Name of the doctoral school in Hungarian, short name of the doctoral school in Hungarian:	Gazdaság- és Regionális Tudományok Doktori Iskola, GRDI
Name of the doctoral school, short name of the doctoral school in English:	Doctoral School of Economic and Regional Sciences, DSERS
Classification of the doctoral school by field of study:	Social Sciences
Discipline(s) of the doctoral school:	- Management and Organisational Sciences - Regional Sciences - Business Administration
Name(s) of the doctoral school's programme(s) in Hungarian:	- Fenntartható Üzlet és Menedzsment Doktori Program - Regionális Tudományok Doktori Program - Üzleti Doktori Program
Name(s) of the doctoral programme(s) in English:	- Doctoral Programme in Sustainable Business and Management - Doctoral Programme in Regional Sciences - Doctoral Programme in Business Administration
Name of the doctoral degree conferred:	- PhD, Management and Organisational Sciences - PhD, Regional Sciences, - DBA, Doctor of Business Administration
Location of the doctoral school:	- Gödöllő - Kaposvár - Budapest
Postal address of the doctoral school:	2100 Gödöllő, Péter Károly Street 1. 7400 Kaposvár, Guba Sándor Street 40 29-43 Villányi út, 1118 Budapest
URL of the doctoral school's website:	https://doktori.uni-mate.hu/gazdasag-es-regionalis-tudomanyok-doktori-iskola/bemutakozas
ODT identification number of the doctoral school:	071
Year when the doctoral programme began:	1993
Head of the doctoral school:	Prof. Dr Viktória Szente
Name, position, email address and telephone number of contact person(s):	Prof. Dr Viktória Szente, Head of DI, szente.viktoria@uni-mate.hu, Tel: +36 82 505-800 (3201) Dr Kinga Szabó, Academic Secretary of the Doctoral School, szabo.kinga@uni-mate.hu, Tel: +36 82 505-800 (3503)
Length of the programme:	8 semesters for the PhD programme 6 semesters for the DBA programme
Form of study:	For PhD programmes: full-time, organised doctoral programmes funded by Hungarian state scholarships or self-funded, as well as cooperative doctoral programmes For the DBA programme: full-time, self-funded programme
Language of instruction:	Hungarian and English

1. OVERVIEW OF THE DOCTORAL PROGRAMME

1.1. The conceptual framework of the doctoral programme

The GRDI teaches and conducts research into the economic, environmental, regional, territorial and human factors of global, regional and territorial processes through theoretical and methodological approaches within the social sciences, and more specifically within management and organisational sciences, as well as regional studies.

The doctoral programme prepares students to obtain a doctoral degree following the completion of a master's degree or an equivalent integrated degree programme, and upon completion of the programme, awards a Doctor of Philosophy (PhD in Business and Management, PhD in Regional Sciences) or a Doctor of Business Administration (DBA).

The procedure of earning a doctoral degree involves obtaining the certificate of completion of doctoral studies (absolutorium), sitting the complex examination, demonstrating aptitude for independent research, achieving new academic results, providing evidence of the required foreign language proficiency, and the public disputation and defence of a dissertation comprising an independent academic research project.

1.2. Entry criteria for the doctoral programme

The GRDI offers applicants holding a master's degree or equivalent qualification in any discipline the opportunity to obtain a doctoral (PhD) degree in the fields of management and organisational sciences or regional sciences, which corresponds to the highest, Level 8 of the Hungarian Qualifications Framework (hereinafter: MKKR). The general conditions for applying for and being admitted to the programme at the GRDI are set out in Chapter V of the University Doctoral Regulations (hereinafter: EDSZ). The application form (see Appendix 2 to the EDSZ) is available in electronic form on the University's and the GRDI's websites. The deadline for applications is determined in accordance with the relevant call for applications.

The GRDI enables both those participating in the training of the next generation of scholars in higher education, and individuals pursuing careers in the industry, public or civil sectors to obtain a doctoral degree.

Applicants for the Doctoral Programme in Business must provide a statement certifying that they have extensive experience in senior management of at least five years, as defined in Section 40(6) of the Nftv. Extensive experience in senior management is defined as experience prior to the admissions procedure

- a) at an enterprise required by the relevant legislation to prepare annual accounts, operating with an average statistical headcount of at least fifty,
- b) at a public body operating with an average statistical headcount of at least fifty,
- c) at a civil society organisation with an average statistical headcount of at least fifty, or
- d) at a foreign enterprise, body or organisation with a headcount equivalent to that specified in points (a) to (c).

In addition to the above, extensive senior management experience shall also include experience gained as a manager or partner of an enterprise providing accounting or financial consultancy services, provided that such services are provided to a domestic or foreign organisation that prepares at least 50 financial statements annually and has at least 1,000 employees.

In the Doctoral Programme in Business, the provisions of Section 19(4) of the EDSz apply to the certification of language proficiency.

1.3. Learning outcomes of the doctoral programme

In accordance with the objectives of the GRDI and Level 8 of the Hungarian Qualifications Framework (MKKR) – as set out in Government Decision No. 1229/2012 (VII. 6.) – the competences of professionals who have obtained a doctoral degree in the doctoral programmes of GRDI in the fields of management and organisational sciences, as well as regional studies, with regard to the analysis of the economic, environmental, territorial, regional and human factors of global, regional and territorial processes, are as follows:

Knowledge

The doctoral student possesses research-level expertise and knowledge of the main strands, interdisciplinary areas, established and contested interrelationships, conceptual frameworks and terminology of the disciplines of management and organisational studies and regional studies.

The doctoral student possesses the research methodological knowledge necessary for the independent examination of theoretical research questions applied in the analysis of the economic, environmental, territorial, regional and human factors of global, regional and territorial processes.

Skills and competencies

The doctoral student is able to creatively analyse the practical and theoretical issues involved in examining the economic, environmental, territorial, regional and human factors of global, regional and territorial processes; to evaluate them comparatively and critically; and to formulate and communicate new correlations relevant from individual, economic and social perspectives.

They are able to apply and further develop methods for examining the economic, environmental, territorial, regional and human factors of global, regional and spatial processes; to put new theories into practice; to identify unforeseen professional problems; and to explore the theoretical and practical background necessary for research and resolution of them.

The doctoral student is capable of planning and implementing projects, conducting independent research, and developing new techniques and approaches.

Attitudes

The doctoral student possesses the curiosity and ability to learn that enable them to identify and resolve research problems in the fields of management and organisational science, as well as regional studies, in a broader context.

The doctoral student carries out their work with perseverance, a strong professional commitment and a willingness to explore new avenues.

The doctoral student represents, develops and communicates individual and community attitudes, values and behaviours.

Autonomy and responsibility

With creative and independent thinking, they develop and pioneer new fields of knowledge and initiate new practical solutions.

They are capable of communicating as an equal partner in discussions with stakeholders in the academic and corporate ecosystems and with experts in their field.

They take on the responsibility of raising and addressing new ethical issues.

2. THE OPERATIONAL STRUCTURE AND GENERAL CHARACTERISTICS OF THE THE DOCTORAL SCHOOL OF ECONOMIC AND REGIONAL SCIENCES (GRDI)

The general governing rules relating to doctoral programmes are set out in the University Doctoral Regulations (EDSZ).

2.1 RULES GOVERNING THE DOCTORAL PROGRAMME IN SUSTAINABLE BUSINESS AND MANAGEMENT AND THE DOCTORAL PROGRAMME IN REGIONAL SCIENCES

2.1.1 Forms of organised doctoral (PhD) programmes

Doctoral programmes at the University may be offered in the following forms:

- a) full-time, organised training with a Hungarian state scholarship;
- b) full-time, self-financed, organised training;
- c) Cooperative Doctoral Programme (Section 3(19) and Section 20 of the EDSZ).

Pursuant to Section 16 of the EDSZ and the relevant statutory provisions, the length of organised doctoral (PhD) programmes is 8 semesters, during which students must obtain at least 180 credit points.

2.1.2 Phases of the organised doctoral (PhD) programme

The organised doctoral programme consists of two phases: the first four semesters comprise the ‘training and research’ phase, whilst semesters 5 to 8 comprise the ‘research and dissertation’ phase. At the end of the fourth semester, as the conclusion of the training and research phase and as a prerequisite for commencing the research and dissertation phase, a complex examination must be passed, which assesses and evaluates academic and research progress. During the organised training, the student must prepare a professional report under the supervision of their supervisor, based on the template provided in Annex 4.

2.1.3 Individual doctoral degree (PhD) programme

The entry requirement for an individual degree programme is the fulfilment of 50 per cent of the minimum publication requirements necessary for the award of the degree. A further requirement is that the draft of the submitted dissertation must reach a minimum level of completion of 80 per cent.

At the request of the applicant, TTT shall appoint a supervisor who shall monitor and assist the candidate’s preparation.

Students preparing individually fulfil their academic obligations by successfully passing the complex examination. Students preparing individually are not required to earn academic credits, but may participate in the GRDI’s study sessions.

The maximum length of the research and dissertation phase, which is four semesters, may be shortened in particularly justified cases (e.g. successful completion of a public defence).

During the degree conferment procedure, a student’s enrolment may be suspended for a maximum of two semesters.

For further detailed rules, the provisions of Section 21 of the EDSZ shall apply.

2.1.4 Structure of the doctoral (PhD) programme

The GRDI's doctoral (PhD) programme – in line with its research profile – is organised around three modules. Of these, the subjects of modules in methodology and discipline-specific modules are compulsory for all doctoral students.

The GRDI's curriculum aims to provide flexibility for doctoral students, bearing in mind that applicants to the GRDI may come from a wide range of backgrounds and have individual needs. The placement of individual modules within the academic year may vary, and no prior study requirements have been specified.

Compulsory subject modules

The specialist module (Economics) primarily ensures the acquisition of a high level of knowledge in economics and its practical application, whilst also laying the foundations for studying the elective subjects. The module entitled 'Research Methodology' introduces students to the main methods of social science research and the possibilities offered by each method. We address the importance of critically analysing the relevant literature, formulating research questions, developing hypotheses and the methods for testing hypotheses.

Compulsory elective subject modules

Our aim is for students to acquire in-depth knowledge in a field corresponding to their chosen research direction. The elective modules provide doctoral students with the opportunity to acquire a broad range of knowledge and offer them a high degree of freedom in their choices. The modules are linked to fields relevant to the doctoral programmes. Students may decide, under the guidance of their supervisors, which elective modules to take.

Methodology modules form the backbone of the programme. These modules focus on qualitative and quantitative research methodology. The emphasis is placed on modelling and the practical application of methods. Upon successful completion of these modules, students will be able to select the quantitative methods required for modern data analysis, use the appropriate software, carry out calculations, and interpret and communicate their results. Preparation for the publication of results forms part of the methodological training.

Elective modules

The aim of the elective modules is to broaden specialised knowledge in the field of science and to acquire a deeper understanding of topics related to the doctoral student's research topic. The range of elective modules may be further expanded to include modules from other doctoral schools, in line with the doctoral student's individual research topic.

Students may also choose from the modules prescribed for the other doctoral programme. In the case of modules studied and completed abroad or at another institution, the Programme Council (hereinafter: PT) shall decide on the recognition of the credits earned, based on the documents submitted by the student and the statement of the module coordinator as set out in the doctoral school's curriculum.

Elective modules are advertised in both the autumn and spring semesters. A module will run provided there are at least five applicants. If there are fewer applicants, the module may be completed in the form of individual consultations.

2.1.5 Model curriculum for the doctoral (PhD) programme

The compulsory, compulsory-elective and elective modules of the GRDI can be grouped into field-specific and methodological modules respectively. For each doctoral programme, a separate model curriculum sets out the titles, credit values and module coordinators of the modules, as well as their recommended placement within the curriculum. The model curricula for doctoral (PhD) programmes are set out in Appendices 1 and 2, whilst detailed descriptions of the modules are contained in the module descriptions in Appendix 5. The model curricula are drawn up and reviewed by the Programme Committee (PT) at least every two years, taking into account the specialities of the doctoral programmes. Where necessary, amendments may be made to the model curriculum following approval by the TTT.

2.1.6 Distribution and recognition of credits required for the award of degree during the doctoral (PhD) programme

The unit of measurement for academic requirements is the credit. As a general rule, earning one credit requires 30 hours of work on behalf of the student (e.g. consultations, study, research, teaching, preparation, etc.). In doctoral programmes, a credit is a unit of measurement for study, research and (where applicable) teaching work, or work deemed equivalent, undertaken by a doctoral student to fulfil their obligations.

In the case of modules studied and completed abroad or at another institution, the PT shall decide on the recognition of the credits earned, based on the documents submitted by the student and the statement of the module coordinator as set out in the doctoral school's curriculum.

Academic activities

Academic activities: a minimum of 48 credits

Compulsory and compulsory-elective modules form the core of the programme; compulsory modules are worth 10 credits each. Compulsory-elective modules are worth 8 credits, whilst elective modules are worth 6 credits. During the training and research phase, doctoral students must earn a minimum of 48 study credits, of which 20 credits must be obtained from compulsory modules, a minimum of 16 credits from compulsory elective modules, and a minimum of 12 credits from elective modules.

During the first two semesters of the doctoral programme, the number of compulsory academic (study) credits to be completed is 28. The completion of credits, based on the examination, assignment, essay, report, etc., required for the module taken, is certified by the lecturer of the module listed in the NEPTUN Electronic Unified Education System (hereinafter: NEPTUN TR). Credits may only be awarded for modules graded on a five-point scale.

No credits may be awarded for language learning in doctoral programmes.

Pursuant to Section 53(3a) of the Nftv., students preparing for doctoral study may enrol on GRDI modules as early as the final academic year of their master's programme. If admitted to the programme, the GRDI will recognise the credits earned in this way as prior academic achievement. Doctoral students may earn a maximum of 12 credits through elective modules, either by credit transfer or a partial study programme (module completed at another higher education institution).

Research activities

Research work: 64 credits

During the training and research phase (semesters 1–4), the supervisor may award 6 credits per semester on the basis of the written research report submitted for the semester. A total of 24 credits must be completed in the first 4 semesters.

During the research and dissertation phase (semesters 5–8), the supervisor may award 10 credits per semester based on the written research report submitted for the semester. A total of 40 credits must be completed in the second four semesters.

If a student is not making sufficient progress with their research work in a given year, the supervisor may award fewer credits than the maximum – provided that the reasons are stated in the written research report. The student may then earn these credits in the following semester after making up for the research work.

The purpose of the written research report is to enable the doctoral student to:

- a) give an account of their performance during the semester and document their academic and research achievements;
- b) reflect on their development within the framework of training competences (knowledge, attitude, research skills, autonomy and responsibility);
- c) receive feedback from their supervisor on their performance during the semester and the development of their competencies;
- d) set academic/research and personal development goals for the following semester;
- e) develop their research management skills.

Other research activities: a maximum of 12 credits (3 credits per semester) during the research and dissertation phase.

For research work carried out outside the topic of the dissertation (participation in research projects or research groups), a maximum of 3 credits per semester may be awarded during the research and dissertation phase, based on the recommendation and written certification of the supervisor and the research project leader.

Publication activity: a minimum of 8 credits can be obtained during the research and training phase, and a minimum of 45 credits during the research and dissertation phase

The maximum number of publication credits that may be taken into account during the programme is 68 credits.

During the programme, publication performance is assessed in accordance with Table 1.

The assessment of publication performance is based on publications published during the relevant period and registered in the Hungarian Scientific Works Repository (hereinafter: MTMT). The classification of publications is guided by the journal lists of the Hungarian Academy of Sciences (hereinafter: MTA) Section IX, the Economic Sciences Evaluation Committee, and the MTA Section IV (Agricultural Sciences), as well as the rankings on scimagojr.com and the Web of Science (hereinafter: WoS).

In the case of multi-authored articles, the student is entitled to 50 per cent of the credits listed in Table 1, unless the student's co-author is their supervisor; in this case, 100 per cent of the credits may be counted.

In the case of international students, publications in their native language are considered equivalent to those in Hungarian, provided that the article has an abstract in English and has been published in a journal indexed in Scopus or WoS.

In the case of academic books or book chapters, only publications of at least 2 sheets in length, published by an internationally recognised publisher, may be taken into account.

Publication credits are awarded twice during the programme – in the semester of the complex examination and in the semester in which the certificate of completion of doctoral studies (absolutorium) is issued.

Table 1: Calculation of publication credits during the doctoral (PhD) programme

Type of publication	Publications	Credit
Journal articles	MTA/MAB Category “A”	25
	MTA/MAB Category “B”	20
	MTA/MAB Category “C”	15
	MTA/MAB category “D”	8
	Category D1 or IF>10	50
	Q1 category or $10 > IF > 5$	40
	Category Q2 or $5 > IF > 1$	30
	Category Q3 or $1 > IF > 0.5$	20
	Q4 category or $0.5 > IF > 0$	10
	Other articles in a foreign language, indexed in Scopus and/or WOS	10
Academic book or book chapter	In Hungarian	10
	In a foreign language	15
Conference proceedings	Conference proceedings in Hungarian (full paper)	2
	Conference proceedings in a foreign language: full paper published in Scopus or WoS	10
	Conference proceedings in a foreign language (full paper)	5

Teaching activities

Teaching activities: a maximum of 12 credits during the research and dissertation phase (maximum 3 credits per semester)

Credits for teaching activities can only be earned during the research and dissertation phase; a maximum of 3 credits (up to a total of 12) may be earned per semester. For a module or seminar lasting a full semester, 3 credits may be awarded for a teaching load of 1 lesson per week (or equivalent), taking into account preparation time. Teaching activities must be certified by the module coordinator.

Individual consultation activities undertaken by a doctoral student relating to the talent management and the training of the next generation of academics amongst students enrolled on bachelor's or master's degree programmes (e.g. Scientific Students' Association (TDK) or supervision of theses), 2 credits per student per semester; and 1 credit per thesis or TDK paper for the assessment of a thesis or TDK paper.

Students must provide evidence of their supervision or assessment activities via NEPTUN TR or by means of a statement from their supervisor.

Each semester, the doctoral student must prepare a written research report on the completion of the activities planned in advance with the supervisor as part of the research work plan; this report must include a concise, factual summary of the literature reviewed during the semester, the studies carried out and the research activities, the student's self-assessment, the supervisor's written feedback, and the student's study, research, publication and personal development plan for the following semester, as approved by the supervisor, including the financial, material and human resource requirements necessary for the completion of the research work plan and the resources available.

The written report shall also include all applications and supporting documents required for the recognition of academic, teaching and research credits completed during the semester, including a detailed summary of the student's publication activity (based on data recorded in the MTMT database). The written research report must be prepared in accordance with the template provided in Appendix 4 and submitted to the supervisor by 31 August each year.

Any significant deviation from the work plan must be reported to the head of the doctoral programme, and the student must draw up a schedule to make up for the work in arrears. Academic deficiencies must be remedied within two semesters at the latest.

The specific provisions relating to the cooperative doctoral programme are set out in Section 20 of the EDSZ.

2.1.7 Requirements for the complex examination during the doctoral (PhD) programme

The conditions for the complex examination are set out in Section 12/A of Government Decree No. 387/2012 (19 December) and regulated by Section 24 of the EDSZ.

The complex examination is a form of assessment designed to summarise and review the knowledge acquired by doctoral students participating in the programme or doctoral students applying as independently preparing candidates in their field of research.

The complex examination must be taken by the end of the fourth semester at the latest, marking the conclusion of the training and research phase. Students participating in the organised programme must register for the complex examination in writing via NEPTUN TR, in accordance with the provisions set out in Section 24(1) of the EDSZ. Students who have completed at least 80 credits during the 'training and research phase' (the first four semesters) of the doctoral programme may register for the complex examination.

The prerequisites for sitting the complex examination are

- the completion of all credits prescribed in this curriculum, i.e. a minimum of 48 'training credits',
- and the publication credits required for semesters 1–4, as well as
- participation in an international academic conference, with a published paper (long abstract or proceedings).

The complex examination must be organised no later than the end of the examination period of the fourth active semester, so that the training credits completed in that semester can also be taken into account.

Parts of the complex examination:

- Economics
- Research Methodology

Complex examination period: the second half of June – the first half of July, or January (mid-year). The doctoral student will be notified of the date of the complex examination by the secretary of the doctoral programme.

Doctoral students must submit their doctoral dissertation within three academic years of the complex examination, in accordance with Section 26 of the EDSZ.

In the case of students preparing independently, the provisions of Section 21 of the EDSZ shall apply.

2.1.8 Requirements for obtaining a certificate of completion of doctoral studies within the doctoral (PhD) programme

The Centre for Doctoral and Habilitation Studies shall issue a certificate of completion of doctoral studies (absolutorium) to doctoral candidates who have obtained the required credits in the doctoral programme. A total of 180 credits must be completed to obtain the absolutorium, as set out in Table 2:

Table 2: Credits required to obtain the absolutorium during the doctoral (PhD) programme

<i>Types of activities</i>	<i>Number of credits to be completed</i>	
	<i>In semesters 1–4</i>	<i>Semesters 5–8</i>
Academic (study) activities	min. 48	
Research activities		
- Research work	24	40
- Other research activities		maximum 12
- Publications	minimum 8	minimum 45
Teaching		maximum 12
Number of credits to be completed	minimum 80	minimum 100

The completion of credits is verified by the secretary of the doctoral programme and approved by the PT. Any excess credits may be carried over from semesters 1–4 to semesters 5–8, but no more than the specified maximum may be counted towards the total in the first four semesters. Following the successful completion of the complex examination, at the request of the doctoral student and their supervisor, additional supervised research and publication credits may be recognised if the progress of the research justifies this, thereby reducing the duration of the research and dissertation phase. The application for the award of the absolutorium is initiated by the student.

In accordance with Chapter XVIII of the GRDI Rules of Procedure, the PT verifies compliance with the publication requirements stipulated as a condition for the award of a doctoral degree during the degree award procedure, as follows:

a) during the verification of the publication record required for the award of the certificate of completion of doctoral studies, following which the doctoral student is informed as to whether or not they have fulfilled the publication requirements for the award of the degree;

b) upon submission of the dissertation.

If the initiation of the degree award procedure and the submission of the dissertation coincide, the PT shall assess compliance with both requirements together.

The minimum requirements and the scoring of publications serve as a benchmark for the candidate to assess their publication activity and to determine when to initiate the doctoral degree award procedure; on the other hand, they provide a guideline threshold for proposers, below which it is not recommended to initiate the doctoral procedure.

Compliance with the minimum requirements is verified by the proposer (and, on the basis of the proposal, by the PT) using the list of publications submitted and retrieved from the MTMT. If the minimum requirements are not met, the PT shall reject the application for the award of the degree. When assessing publication activity, only data appearing in the MTMT may be taken into account.

2.1.9 The degree award procedure during the doctoral (PhD) programme

The procedure for awarding a doctoral degree is regulated in detail by Chapter VII of the EDSZ and Chapter XVIII of the GRDI Rules of Procedure. In accordance with Section 26 of the EDSZ, a doctoral dissertation may be submitted once the student has obtained the ‘absolutorium’ in an organised programme, fulfilled the language and publication requirements set by the GRDI, and successfully completed the preliminary disputation.

2.2 RULES GOVERNING THE DOCTORAL PROGRAMME OF BUSINESS ADMINISTRATION

2.2.1 The form of the organised Doctoral Programme of Business Administration (DBA)

At the University, the Doctoral Programme of Business Administration (DBA) may be offered in a self-funded, full-time form.

In accordance with Section 16 of the EDSZ and relevant statutory provisions, the length of the Doctoral Programme of Business Administration (DBA) is 6 semesters, during which the student must complete at least 180 credits.

2.2.2 Phases of the organised Doctoral Programme of Business Administration (DBA)

The organised Doctoral Programme of Business Administration (DBA) consists of two phases: semesters 1–3 comprise the ‘training and research’ phase, whilst semesters 4–6 comprise the ‘research and dissertation’ phase. In the first semester of the programme, students must draw up a work plan under the supervision of their supervisor. At the end of the third semester, to mark the completion of the training and research phase and as a prerequisite for commencing the research and dissertation phase, students must sit a complex examination which assesses and evaluates their academic and research progress.

2.2.3 Individual doctoral degree conferment procedure in the Doctoral Programme of Business Administration (DBA)

The Doctoral Programme of Business Administration (DBA) does not provide for individual preparation.

2.2.4 Structure of the Doctoral Programme of Business Administration (DBA)

The curriculum for the Doctoral Programme of Business Administration (DBA) has been designed by taking into account that applicants to the DBA programme may come from a very wide range of backgrounds, with significant practical knowledge and individual needs.

Compulsory modules

The backbone of the programme consists of compulsory methodological and field-specific modules for all students. The modules (Research Methodology, Management of Research Projects, Practice-Oriented Research Case Studies, and Economic Policy) focus on qualitative and quantitative research methodology. The emphasis is on model-building and the practical application of these methods.

The research methodology modules introduce students to the main methods used in social science research and the possibilities offered by each method. We address the importance of critically analysing the literature, formulating research questions, and the methods of hypothesis formulation and hypothesis testing. Preparation for successful publication forms part of the methodological training.

Compulsory elective subjects modules

Our aim is for students to acquire in-depth knowledge in a field corresponding to their chosen research direction. The elective modules provide doctoral students with the opportunity to acquire a broad range of knowledge and offer them a high degree of choice and freedom. The modules are linked to fields relevant to the doctoral programmes.

Elective modules

The aim of the elective modules is to broaden professional knowledge in a particular field and to acquire a deeper understanding of topics related to the doctoral student's research topic. The range of elective modules may be further expanded to include modules from other doctoral schools, in line with the doctoral student's individual research topic. Students may also choose from modules prescribed for the other programme. In the case of modules studied and completed abroad, the DIT decides on their acceptance based on a statement from the module coordinator listed in the Doctoral School's curriculum. Elective modules are advertised in both the autumn and spring semesters. Within the DBA programme, advertised modules may be run even if only one student enrolls. In the event of low enrolment, individual modules may be completed in the form of one-to-one consultations.

2.2.5 Model curriculum for the Doctoral Programme of Business Administration (DBA)

The compulsory, compulsory-elective and elective modules of the GRDI can be grouped into field-specific and methodological modules, respectively. For each doctoral programme, a separate model curriculum sets out the titles, credit values and coordinators of the modules, as well as their recommended placement within the curriculum. The model curriculum for the Doctoral Programme of Business Administration (DBA) is set out in Appendix 3, whilst detailed descriptions of the modules are contained in Appendix 5. The model curricula are drawn up and reviewed by the PT at least every two years, taking into account the specialisations of the doctoral programmes. Where necessary, amendments may be made to the model curriculum following approval by the TTT.

2.2.6 Distribution and recognition of credits required for the award of the degree in the Doctoral Programme of Business Administration (DBA)

The unit of measurement for academic requirements is the credit. As a general rule, the award of one credit requires 30 hours of work on the part of the student (e.g. consultation, study, research, teaching, preparation, etc.). In doctoral programmes, a credit is a unit of measurement for the academic, research and (where applicable) teaching work, or work deemed equivalent, undertaken by a doctoral student to fulfil their obligations.

Research activities

Research work: at least 69 credits

During the training and research period (semesters 1–3), the supervisor awards 8 credits per semester on the basis of the written research report submitted each semester. A total of 24 credits must be achieved in the first 3 semesters.

During the research and dissertation phase (semesters 4–6), the supervisor awards 15 credits per semester on the basis of the written research report submitted each semester. A total of 45 credits must be earned during the second three semesters.

The purpose of the written research report is to enable the doctoral student to:

- a) give an account of their performance during the semester, ensuring that their academic (study) and research achievements are documented;
- b) reflect on their development within the framework of training competences (knowledge, attitude, research skills, autonomy and responsibility);
- c) receive feedback from their supervisor on their performance during the semester and the development of their competences;

- d) set academic (study)/research and personal development goals for the following semester;
- e) develop their research management skills.

Other research activities: a maximum of 15 credits (5 credits per semester) may be awarded during the research and dissertation phase

For research work carried out outside the scope of the dissertation topic (research projects, participation in a research group), a maximum of 5 credits per semester may be awarded during the research and dissertation phase, subject to the recommendation and written confirmation of the supervisor and the head of the project.

Publication activity: a minimum of 40 credits throughout the entire programme may be awarded, of which the doctoral student must earn at least 35 credits for publications in journals of Q1–Q2 categories. During the training programme, publication performance is assessed as set out in Table 1.

Publication performance is assessed on the basis of publications published during the relevant period and registered in the MTMT. The classification of publications is guided by the journal list of the MTA Class IX, Economics Evaluation Committee, as well as the rankings on scimagojr.com and in the Web of Science (WoS).

In the case of multi-authored articles, the student is entitled to 70 per cent of the credits listed in Table 2, unless the student's co-author is their supervisor, in which case 100 per cent of the credits may be counted.

For international students, publications in their native language are considered equivalent to those in Hungarian.

Table 3: Calculation of publication credits during the Doctoral Programme of Business Administration (DBA)

Type of publication	Publications	Credits
Journal articles	In Hungarian, MTA/MAB 'A' category	30
	In Hungarian, MTA/MAB 'B' category	25
	In Hungarian, MTA/MAB 'C' category	20
	In Hungarian MTA/MAB 'D' category	10
	Category D1 or $IF > 10$	55
	Category Q1 or $10 > IF > 5$	45
	Category Q2 or $5 > IF > 1$	35
	Category Q3 or $1 > IF > 0.5$	25
	Q4 category or $0.5 > IF > 0$	15
	Other articles in a foreign language, indexed in Scopus and/or WOS	10
Academic book or book chapter	In Hungarian	10
	In a foreign language	15
Conference proceedings	Conference proceedings in Hungarian (full paper)	5
	Conference proceedings in a foreign language (full paper)	10

To obtain an absolution during the Doctoral Programme of Business Administration (DBA), the student must produce at least one Q1 or Q2-ranked publication. The supervisor may not award the credits required for the 6th semester until the student has submitted the Q1 or Q2-ranked publication.

Teaching activities

Teaching duties: maximum 12 credits (maximum 4 credits per semester)

In the case of a module or seminar lasting a full semester, 3 credits may be awarded for a weekly teaching load of 1 lesson (or equivalent), taking into account preparation time. Teaching activities must be certified by the module coordinator.

In the case of individual consultation activities relating to talent management and the training of the next generation of academics on a bachelor's or master's programme (e.g. Scientific Students' Association (TDK) or supervision of theses), 2 credits may be awarded per student per semester; and 1 credit per thesis /TDK paper for the assessment of a thesis /TDK paper. Students must provide evidence of their supervision or assessment activities via NEPTUN TR or by means of a statement from their supervisor.

Each semester, the doctoral student must prepare a written research report on the completion of the activities planned in advance with the supervisor as part of the research work plan; this report must include a concise, factual summary of the literature reviewed during the semester, the studies carried out and the research activities, the student's self-assessment, the supervisor's written feedback, and the student's study, research, publication and personal development plan for the following semester, as approved by the supervisor, including the financial, material and human resource requirements necessary for the completion of the research work plan and the resources available.

The written report shall also include all applications and supporting documents required for the recognition of academic, teaching and research credits completed during the semester, including a detailed summary of the student's publication activity (based on data recorded in the MTMT database). The written research report must be prepared in accordance with the template provided in Appendix 4 and submitted to the supervisor by 31 August each year.

Any significant deviation from the work plan must be reported to the head of the doctoral programme, and the student must draw up a schedule to make up for the work in arrears. Academic deficiencies must be remedied within two semesters at the latest.

2.2.7 Requirements for the complex examination in the Doctoral Programme of Business Administration (DBA)

The requirements for the complex examination are set out in Section 12/A of Government Decree No. 387/2012 (19 December) and are governed by Section 24 of the EDSZ.

Students who have completed at least 80 credits during the 'training and research phase' (the first three semesters) of their doctoral programme may apply to take the complex examination.

A prerequisite for taking the complex examination is the acquisition of all required 'training credits' by the end of the third active semester.

The complex examination must be organised at the end of the examination period of the third active semester so that the training credits completed in that semester can also be counted towards the total.

Topics covered in the complex examination:

- Economics
- Project Management

Complex examination dates: January and June (mid-year). Doctoral students will be notified of the date of the complex examination, and a report will be drawn up on the examination.

2.2.8 Requirements for obtaining the certificate of completion of doctoral studies in the Doctoral Programme of Business Administration (DBA)

To obtain the absolutorium in the Doctoral Programme of Business Administration (DBA), doctoral students must complete a total of 48 academic credits, at least $3 \times 8 + 3 \times 15 = 69$ research credits and at least 40 publication credits, totalling at least 180 credits, of which 35 credits must be earned for Q1 or Q2-ranked publications. To be eligible to take the complex examination, students must have obtained all 'academic credits' and accumulated at least 24 research credits by the end of the third semester.

Table 4: Credits required to obtain an absolutorium during the Doctoral Programme of Business Administration (DBA)

Types of activities	Number of credits to be completed	
	In semesters 1–3	Semesters 4–6
Academic (study) activities	min. 48	
Research activities		
- Research work	min. 24	at least 45
- Publication activity	at least 40	
Teaching	max. 12	
Number of credits to be earned	minimum 80	minimum 100

The completion of credits is verified by the secretary of the doctoral programme and approved by the PT. Any excess credits may be carried over from semesters 1–3 to semesters 4–6, but no more than the specified maximum may be counted towards the total in the first three semesters. Following the successful completion of the complex examination, at the request of the doctoral student and their supervisor, additional supervised research and publication credits may also be recognised in accordance with the provisions of the Rules of Procedure of GRDI, thereby reducing the length of the research and dissertation phase. The application for the award of the absolutorium is initiated by the student.

In accordance with Chapter XVIII of the Rules of Procedure of GRDI, the PT verifies compliance with the publication requirements stipulated as requirements for the award of the doctoral degree during the degree award procedure, as follows:

- during the verification of the publication record required for the award of the certificate of completion of doctoral studies, following which the doctoral student is informed as to whether or not they have fulfilled the publication requirements for the award of the degree;
- upon submission of the dissertation.

If the initiation of the degree award procedure and the submission of the dissertation coincide, the PT shall assess compliance with both requirements together.

The minimum requirements and the scoring of publications serve as a benchmark for the candidate to assess their publication activity and to determine when to initiate the doctoral degree procedure; furthermore, they provide a guideline threshold for proposers, below which it is not recommended to initiate the doctoral procedure.

The proposer (and, on the basis of the proposal, the PT) verifies compliance with the minimum requirements using the list of publications retrieved from MTMT. If the minimum requirements are not met, the PT shall reject the application for the award of the degree. When assessing publication activity, only the data appearing in MTMT may be taken into account.

2.2.9 The degree award procedure for the Doctoral Programme of Business Administration (DBA)

The procedure for obtaining a doctoral degree is regulated in detail by Chapter VII of the EDSZ and Chapter XVIII of the Rules of Procedure of GRDI. In accordance with Section 26 of the EDSZ, a doctoral dissertation may be submitted once the student has obtained their certificate of completion of doctoral studies in an organised programme, fulfilled the language and publication requirements set by the GRDI, and successfully completed the preliminary discussion.

APPENDIX

Appendix 1: Model curriculum for the Doctoral Programme in Sustainable Business and Management

Training and research phase: Semesters 1–4

Modules	Module coordinator	Semester				Credits
		I	II.	III	IV.	
Compulsory modules						Total: 20
Economics	Dr Norbert Bozsik	x				10
Research Methodology	Prof. Dr Zoltán Lakner	x				10
Compulsory elective modules			x	x		Minimum 16
Science and AI Applications	Prof. Dr Zoltán Lakner					8
Academic communication	Prof. Dr Viktória Szente					8
Qualitative analyses	Prof. Dr Anikó Khademi-Vidra					8
Multivariate data analysis	Dr György Kövér					8
Elective modules				x	x	Minimum 12
Tourism Management	Prof. Dr Zoltán Bujdosó					6
Corporate Sustainability	Prof. Dr Gergely Tóth					6
Managerial Economics	Dr István Hágén					6
The Circular and Green Economy within the ESG Framework	Prof. Dr Anita Boros					6
Management and Organisational Theory	Prof. Dr Ildikó Rudnák					6
Sustainable Consumption	Prof. Dr Viktória Szente					6
Sustainable financing models	Dr Anett Parádi-Dolgos					6
Town and City Marketing	Dr Melinda Nagyné Molnár					6
Natural Hazards and their Impacts on Agricultural Production	Prof. Dr Zsuzsanna Bacsí					6
Basics of Python Programming	Prof. Dr Zoltán Lakner					6
Geopolitics	Prof. Dr Zoltán Lakner					6
Regional and Rural Development Policy	Dr Krisztián Ritter					6
Geoinformatics	Dr Róbert Barna					6
Health Management	Dr László Schandl					6

Training Plan

Town and City Marketing	Dr Melinda Nagyné Molnár					6
Regional Economics	Prof. Dr József Káposzta					6
Social Transformation and Development Policy	Prof. Dr Tibor Farkas					6
Global and Regional Competitiveness	Dr Kitti Némediné Kollár					6
Territorial and social study of the transition to a circular economy	Dr Viktor Varjú					6
Other modules advertised by other doctoral schools						6
Publication before the complex examination	Dr Kinga Szabó				x	Minimum 8
Research work		x	x	x	x	6

Research – Dissertation phase, semesters 5–8

Modules	Module coordinator	Semester				Credits
		V.	VI.	VII	VIII	
Research work		x	x	x	x	10
Publication after the complex examination	Dr Kinga Szabó				x	Minimum 45

Appendix 2: Model curriculum for the Doctoral Programme in Regional Sciences

Training and research phase: Semesters 1–4

Modules	Module coordinator	Semester				Credits
		I	II.	III	IV.	
Compulsory modules						Total: 20
Economics	Dr Norbert Bozsik	x				10
Research Methodology	Prof. Dr Zoltán Lakner	x				10
Compulsory elective modules			x	x		Minimum 16
Science and AI Applications	Prof. Dr Zoltán Lakner					8
Academic Communication	Prof. Dr Viktória Szente					8
Town and City Marketing	Dr Melinda Nagyné Molnár					8
Regional Economics	Prof. Dr József Káposzta					8
Social Transformation and Development Policy	Prof. Dr Tibor Farkas					8
Global and Regional Competitiveness	Dr Kitti Némediné Kollár					8
Regional analytical methods	Dr Zoltán Egri					8
Regional and Rural Development Policy	Dr Krisztián Ritter					8
Elective modules				x	x	Minimum 12
Tourism Management	Prof. Dr Zoltán Bujdosó					6
Qualitative Analyses	Prof. Dr Anikó Khademi-Vidra					6
Multivariate data analysis	Dr György Kövér					6
Corporate Sustainability	Prof. Dr Gergely Tóth					6
Managerial Economics	Dr István Hágén					6
The Circular and Green Economy within the ESG Framework	Prof. Dr Anita Boros					6
Management and Organisational Theory	Prof. Dr Ildikó Rudnák					6
Sustainable Consumption	Prof. Dr Viktória Szente					6
Sustainable financing models	Dr Anett Parádi-Dolgos					6
Natural Hazards and their Impacts on Agricultural Production	Prof. Dr Zsuzsanna Bacsí					6
Basics of Python Programming	Prof. Dr Zoltán Lakner					6
Geopolitics	Prof. Dr Zoltán Lakner					6
Geoinformatics	Dr Róbert Barna					6
Health Management	Dr László Schandl					6
Territorial and social study of the transition to a circular economy	Dr Viktor Varjú					6
Other modules advertised by other doctoral schools						6
Publication before the complex examination					x	8
Research work		x	x	x	x	6

Research – Dissertation phase, semesters 5–8

Modules	Module coordinator	Semester				Credits
		V	VI.	VII	VIII	
Research work		x	x	x	x	10
Publication after the complex examination	Dr Kinga Szabó				x	Minimum 45

Appendix 3: Model curriculum for the Doctoral Programme of Business Administration

Training and research phase: Semesters 1–3

Modules	Module coordinator	Semester			Credits
Compulsory modules		I.	II.	III	
Research Methodology	Prof. Dr Zoltán Lakner	x			10
Management of Research Projects	Prof. Dr Zoltán Lakner		x		10
Compulsory elective modules		x	x	x	minimum 16
Economic Policy	Prof. Dr Ágoston Temesi		x		8
Practice-oriented research – case studies	Prof. Dr Ágoston Temesi			x	8
Elective modules		x	x	x	minimum 12
Qualitative analyses	Prof. Dr Anikó Khademi-Vidra				6
Multivariate data analysis	Dr György Kövér				6
Managerial Economics	Dr István Hágen				6
The Circular and Green Economy within the ESG Framework	Prof. Dr Anita Boros				6
Management and Organisational Theory	Prof. Dr Ildikó Rudnák				6
Sustainable Consumption	Prof. Dr Viktória Szente				6
Sustainable financing models	Dr Anett Parádi-Dolgos				6
Tourism Management	Prof. Dr Zoltán Bujdosó				6
Corporate Sustainability	Prof. Dr Gergely Tóth				6
Town and City Marketing	Dr Melinda Molnár Nagyné				6
Natural Hazards and their Impacts on Agricultural Production	Prof. Dr Zsuzsanna Bacsi				6
Basics of Python Programming	Prof. Dr Zoltán Lakner				6
Geopolitics	Prof. Dr Zoltán Lakner				6
Regional and Rural Development Policy	Dr Krisztián Ritter				6
Geoinformatics	Dr Róbert Barna				6

Training Plan

Health Management	Dr László Schandl				6
Other modules advertised by other doctoral schools					6
Research		8	8	8	24
Total					80

Research – Dissertation phase, semesters 4–6

Modules	Semester			Credits
	IV	V	VI	
Research work	x	x	x	15
Total				45

Appendix 4: Sample semester research progress report

Doctoral School of Economic and Regional Sciences
Semester research progress report

Student's name (NEPTUN code) and email address:
Name of Doctoral Programme:
Name of supervisor:
Name of co-supervisor:
Academic year/semester of progress report:
Proposed title of the dissertation:
Brief outline of research work carried out during the semester (collection of databases, research into methods, review of literature, participation in preliminary disputations and public defences, etc.):
A brief summary of the results of the research work carried out during the semester (evaluation of analyses, effectiveness of participation in teaching and research, organisation of professional forums, etc.):
Presentation of publication activities, list of published works (conferences, publications, professional trips, lectures delivered, etc.):

The activities listed in this report are genuine, and I can provide supporting documentation to verify them if necessary.

.....
Student's signature

Dated:

I have checked the academic progress listed in the report and hereby accept it.

.....
Signature(s) of supervisor(s)

Dated:

Appendix 5: Module descriptions