

**UNIVERSITY OF BUCHAREST
FACULTY OF CHEMISTRY
DOCTORAL SCHOOL OF CHEMISTRY**

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REGULATION

***On the organisation and functioning of the doctoral study
programmes within the Doctoral School of Chemistry
2024***

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CHAPTER I

General provisions

Art. 1. (1) The Regulation of the Doctoral School of Chemistry ("DS-Ch Regulation") is drafted and adopted pursuant to Law no. 199/2023 Higher Education, as subsequently amended and supplemented, of the Framework Regulation on doctoral studies approved by O.M.E. no. 3020/8 January 2024 (Framework Regulation), of the REGULATION on the organisation and conduct of doctoral degree programmees in the University of Bucharest ("Regulation"), of the Charter of the University of Bucharest ("Charter") and of the Code of Ethics of the University of Bucharest ("Code of Ethics").

(2) The Regulation applies to the Doctoral School of Chemistry (DSCh) within the Faculty of Chemistry that operates within the University of Bucharest.

(3) According to the principle of subsidiarity, all areas that are not expressly regulated by the Law, Code, Code of Ethics or DSCh Regulation are, within their limits, within the competence of the Council of Doctoral Schools in Chemistry, through decisions adopted on their basis.

(4) The defined terms and expressions whose meaning is established according to Article 2 of the Framework Regulation shall have the same meaning within the meaning of this Regulation, as follows:

Term	Definition
Doctoral studies	Represents the third cycle of university studies, which allows the acquisition of a level 8 qualification from the European Qualification Framework (E.Q.F./ C.E.C.) and from the National Qualifications Framework (C.N.C.).
Institution organising doctoral studies (I.O.D.S.)	The Higher Education Institution that has acquired the legal right to organise doctoral degree programmes and that has acquired this recognition following the external quality assessment process, according to the law.
Council for Doctoral Studies (C.S.U.D.)	The organisational and administrative structure established within the I.O.D.S., responsible for the elaboration and implementation of the I.O.D.S. strategy, of its own regulation regarding doctoral studies and the coordination of the doctoral training activity.
Doctoral Degree Programme	All the activities in which the doctoral student is involved, relevant from the point of view of doctoral studies and leading to a level 8 university qualification from the E.Q.F./ C.E.C. and from the C.N.C.
Scientific doctorate	Doctoral degree programme that aims to produce original, internationally relevant scientific knowledge based on scientific methods, and can be organised in the form of full-time or part-time education. The scientific doctorate forms the basis for a professional career in higher education and research.
Professional doctorate	Doctoral degree programme, in all fields, including dual university education, which aims to produce original knowledge based on the application of the scientific method, systematic reflection or applied research on artistic creations, on high-level national and international sports performances or on topics of practical importance and which constitutes a basis for the professional career in higher education and in the targeted areas. The professional doctorate can be organised in the form of full-time or part-time education.
Doctoral student	The person admitted and enrolled in a doctoral degree programme. This quality is maintained throughout the period of his/her presence within this programme, including any extensions granted according to the

	provisions of the study contract, except during periods of interruption of studies.
Field of doctoral studies	The field that is found as such in the Nomenclature of fields and university study programmes.
Doctoral School (D.S.)	Organisational and administrative structure established within the I.O.D.S. according to the law, which provides the necessary support for the development of doctoral studies in a certain field, discipline or disciplinary or interdisciplinary theme, assimilated to the faculty department.
The Council of the Doctoral School (C.S.D.)	Management structure of the doctoral school, assimilated to the department's council.
Doctoral supervisor	The person who obtained the right to conduct the doctorate prior to the date of entry into force of the Law on Higher Education no. 199/2023, as subsequently amended and supplemented, or has obtained the habilitation certificate according to the legislation in force and has become a member of a doctoral school within an I.O.D.S., based on an employment contract.
Contract for Doctoral Studies	The contract that regulates the relations between I.O.D.S., the doctoral supervisor and the doctoral student and which has as its object the development of the activities specific to the study programme, specifying the rights and obligations of the signatory parties, in accordance with the legislation in force, the provisions of the Charter and the decisions of the U.B. Senate.
Doctoral thesis	Original scientific paper elaborated by the doctoral student during the doctoral studies and which represents a legal condition for obtaining the title of doctor.
Doctoral Diploma	The study document issued by the I.O.D.S. after completing and fulfilling all the legal procedures related to the doctoral degree programme.
Co-direction	Co-direction is an agreement (<i>exempli gratia</i>) that concretely only involves the agreement with a doctoral supervisor from another doctoral school / IOSUD or from another country. The co-direction agreement is signed and initialed for validation by both the rectors of the two universities and the directors of the two doctoral schools, of course also by the doctoral student and the two supervisors, but it does not involve the second doctoral school in any other way.
Academic mobility	The right of doctoral students to be recognized the transferable credits acquired, under the law, at other higher education institutions in the country or abroad.
Plagiarism	Presenting in a written work, including in electronic format, as a creation or original personal scientific contribution of texts, ideas, demonstrations, data, theories, results or scientific methods taken from written works, including in electronic format, of other authors or using means based on Artificial Intelligence, without mentioning this and without referring to the original sources.
Self-plagiarism	Republishing substantial parts of your own previous publications, including translations, without properly stating or citing the original source.

Art. 2. (1) The doctoral study programme in the field of Chemistry takes place over 8 semesters (4 years) and includes 2 mandatory components:

- a. the training programme based on advanced university studies within the doctoral school;

b. the scientific research or applied research programme, as the case may be, completed with the public defense of the doctoral thesis.

Art. 3. (1) In the Doctoral School of Chemistry, the doctorate is organised in the field of Chemistry for the following research directions:

- Inorganic Chemistry
- Organic Chemistry
- Catalysis and Technological Chemistry
- Physical Chemistry and Radiochemistry
- Analytical Chemistry

(2) For the new research directions, which appear with the development of science or for the fundamental fields in which the Faculty of Chemistry expands its educational offer, new doctoral supervisors may be validated and doctorates may be organised in these directions.

(3) The Doctoral School of Chemistry promotes interdisciplinarity in doctoral studies and in the research topics addressed.

CHAPTER II

Organisation of doctoral studies

Art. 4. (1) At the level of the Doctoral School of Chemistry, the Council of the Doctoral School shall be constituted in accordance with the legislation in force, and is responsible for organising and carrying out the entire doctoral training activity.

(2) In organising doctoral studies, the Doctoral School of Chemistry may conclude partnerships or consortia with other Higher Education Institutions or with research and development units, in the country or abroad.

(3) The attributions of the Council of the Doctoral School are those mentioned in the UB Regulations.

Art. 5. (1) The organisation and management of the programmes of the doctoral students enrolled in the Doctoral School of Chemistry is done at the faculty level through the Secretariat of the Doctoral School.

(2) The Council of the Doctoral School has the obligation to regulate the activity of the secretariat in such a way that the organisation and management of the doctoral students' study programmes are carried out in the best conditions.

CHAPTER III

The doctoral supervisor

Art. 6. (1) The doctoral supervisor conducts teaching and scientific research activities within the Faculty of Chemistry or within institutions that form doctoral consortia with the Doctoral School of Chemistry.

(2) A doctoral supervisor may conduct his/her activity by affiliation to a single Institution Organising Doctoral Studies.

(3) Upon request, university teaching staff or scientific researchers who obtained the right to supervise doctoral studies in the field of Chemistry prior to the entry into force of Law no. 199/2023 on Higher Education, or who hold an habilitation certificate (*atestat de abilitare*) in the field of Chemistry, may become doctoral supervisors within the Doctoral School of Chemistry.

(4) In order to become a member of the Doctoral School of Chemistry, the applicant must:

a) meet the minimum standards for habilitation provided by the Chemistry Commission of the National Council for the Attestation of University Titles, Diplomas and Certificates (CNATDCU) and the minimum standards established by the Council of the Faculty of Chemistry for the position of Full Professor.

b) specify the subfield in which he/she wishes to supervise doctoral theses, in accordance with the demonstrated scientific expertise.

c) provide proof of ability to ensure the doctoral student's access to the necessary research infrastructure.

d) provide proof of prior scientific guidance and/or supervision experience, demonstrated through the supervision of a master's, bachelor's, or doctoral thesis, or a collaborative research project for which the applicant served as director (principal investigator) or project manager. Additionally, the applicant must demonstrate the capacity to contribute to increasing the number of doctoral students.

e) have no prior sanctions for violations of professional ethics and deontology, and not be under review by the Ethics Committee of the University of Bucharest or other competent bodies as a result of any relevant complaints.

(5) The application for affiliation as a doctoral supervisor at the Doctoral School of Chemistry will be analysed by the Council of the Doctoral School taking into account:

(a) correspondence with existing human resources. The affiliation of doctoral supervisors who:

- works in fields where the doctoral school does not have a sufficient number of affiliated doctoral supervisors in relation to the potential number of doctoral students
- through their previous activity, they have demonstrated the ability to guide and support young researchers and/or students.

(b) Prospects and priorities for the development of research in the field of Chemistry.

Art. 7. (1) Conditions regarding the revocation of membership for doctoral supervisors.

(a) The process to revoke membership in the Doctoral School of Chemistry (SDCh) shall be initiated in the following cases:

- i. serious violations of academic ethics and deontology.
- ii. the definitive invalidation by the CNATDCU of two doctoral theses of the respective doctoral supervisor.
- iii. other situations provided for by current legislation or by the Methodology on the monitoring, evaluation, and quality assessment of doctoral university studies currently in force at the University of Bucharest.

(b) In any of the cases above, either following a complaint or by self-notification, the Director of the SDCh shall appoint a committee consisting of 2–3 doctoral supervisors, which shall analyse the situation and draft a report that includes appropriate proposals.

(c) In the event that the actions of the doctoral supervisor under letter (a), point (i) involve one or more doctoral students, a doctoral student from the SDCh Council shall be included in the committee with observer status.

(d) These proposals, which may extend to the sanction of revoking membership in the SDCh, shall be communicated to the respective doctoral supervisors, who have the right to submit a reasoned statement of defense to the doctoral school within one week.

(e) Proposals to revoke membership for which no statement of defense has been submitted, or which are upheld after reviewing the statement of defense, shall then be discussed in the general assembly of doctoral supervisors, which shall endorse them by a majority vote of the SDCh members.

- (f) The endorsed proposal of the review committee shall be submitted to a vote by the SDCh Council and subsequently forwarded for endorsement by the management of the Faculty of Chemistry and for approval by the CSUD.

Art. 8. (1) The doctoral supervisor has the following rights:

- a) to provide academic advice regarding the university training programme (appropriate courses, elaboration of reports and projects), the scientific research programme (body of investigation, research method, theoretical framework, thesis elaboration strategy and interim scientific reports);
- b) to refuse to continue supervising a doctoral thesis, when they consider that there is or may arise a situation of conflict of interest and/or violation of legal and/or deontological norms.

Art. 9. (1) The doctoral supervisor has the following obligations:

- a) to permanently monitor and evaluate the doctoral student during the entire doctoral internship;
 - b) to establish, through dialogue with the doctoral student, the individual training plan;
 - c) to propose the sanctioning of the doctoral student who does not comply with the scientific and ethical norms as well as the Code of Ethics of the University of Bucharest;
 - d) to propose sanctions for doctoral students who fail to comply with the schedule established by their individual training plan;
 - e) to evaluate progress reports, in the number established by the individual training plan;
 - f) to communicate grades or qualifiers in a timely manner, and ensure the transparency of evaluation procedures and standards.
- (2) The doctoral supervisor, together with the Council of the Doctoral School, shall facilitate doctoral students' access to the infrastructure available within the Faculty of Chemistry and the research institutions/units with which collaboration agreements have been concluded.

CHAPTER IV

Quality assessment in doctoral studies

Art. 10. The Doctoral School of Chemistry together with CSUD is responsible for ensuring quality standards in the organisation and conduct of doctoral studies.

CHAPTER V

Organisation of the cycle of doctoral studies

Art. 11. (1) The doctoral degree programme has two mandatory components: a training programme based on advanced university studies and a scientific research programme, completed by defending the doctoral thesis.

(2) The advanced university training programme is carried out within the Doctoral School of Chemistry based on the curriculum established by the Council of the Doctoral School, approved by the CSUD and endorsed by the management of the University of Bucharest.

(3) The doctoral study programme shall be conducted in the manner established by the doctoral supervisor, after consulting the doctoral student, and shall be approved by the Council of the Doctoral School.

(4) The guidance of the doctoral student by the doctoral supervisor is carried out during the doctoral programme (including during the training programme based on advanced university studies). In special situations, at the proposal of the doctoral supervisor and within the limits of the available funds, the duration of the doctoral study programme may be extended by 1-2 years. At the request of the doctoral student, with the approval of the doctoral supervisor, the duration of doctoral studies may be reduced by one year. The doctoral studies may be interrupted for good reasons, with the approval of the C.S.U.D. The duration of these studies is extended by the cumulative periods of the approved interruptions.

(5) The extensions and interruptions provided for in paragraph (4) shall be established by addenda to the Contract for Doctoral Studies.

(6) The training programme for doctoral students based on advanced university studies takes place in the first year for a maximum of 12 weeks, has a number of 30 ECTS. The programme can be conducted compactly or fragmented during the first year of studies. The 30 credits can be obtained in the first 2 years of studies.

(5) The doctoral students who have fulfilled their obligations within the advanced university training programme and the scientific research programme and have obtained at least 240 ECTS, according to the curriculum, may start the evaluation stages in order to publicly defend the doctoral thesis.

(6) The training programme of the doctoral student includes the activities that ensure their scientific training:

- a) courses offered by the Doctoral School of Chemistry;
- b) complementary courses, recognised by credit transfer, offered by other doctoral schools or master's programmes;
- c) optional courses;
- d) doctoral seminars;
- e) research activities under guidance;
- f) participation in scientific events;
- g) presentations of progress reports.

(7) Alongside courses aimed at developing professional competences in Chemistry, the curriculum of the doctoral school shall also include a complementary training module based on the doctoral student's independent work.

(8) In the design of complementary activities, the doctoral school offers training modules that provide the doctoral student with transversal skills for:

- a) discovering innovative solutions and communicate them effectively;
- b) drafting research projects in various national and international competitions;
- c) ensuring a good management of time and resources involved in research;
- d) evaluating the quality and performance of the individual research activity;
- e) integrating and working in research teams.

(9) The results of the evaluation of the activities in the curriculum are expressed by the following grades: "Very good" (equivalent in grade: 9-10); "Good" (grade equivalent: 7-8), "Satisfactory" (grade equivalent: 5-6), "Unsatisfactory" (grade equivalent: less than 5). The ratings "Very good", "Good" and "Satisfactory" allow the doctoral student to pass the respective activity.

(10) Doctoral students who have not completed all the activities provided for in the Curriculum and who did not obtain the number of credits cannot publicly defend the doctoral thesis and will be proposed for expulsion.

Art. 12. The Doctoral School of Chemistry encourages the writing of doctoral theses in English and the defense of course modules in English.

Art. 13. The members proposed in the public defense committee of the doctoral thesis (doctoral committee) must be specialists in the subject of the doctoral thesis and have communication, comprehension and writing skills, in the language in which the doctoral thesis was written.

Art. 14. (1) The research programme shall be conducted under the guidance of the doctoral supervisor, within an academic guidance and integrity committee.

(2) The Council of the doctoral school shall approve the compatibility between the topic of the doctoral thesis and the research field of the doctoral supervisor.

(3) In the case of the interdisciplinary doctorate, the supervision may be carried out by two doctoral supervisors from the fields illustrated in the research programme. The two doctoral supervisors may be affiliated to the same Institution Organising Doctoral Studies or to another Institution Organising Doctoral Studies.

(4) If the two doctoral supervisors are affiliated to different institutions, a co-supervision agreement shall be concluded.

(5) The intermediate results of the research programme are presented by the doctoral student according to the individual training plan, annexed to the Contract for Doctoral Studies.

(6) Research trainings/internships may be carried out only with the consent of the doctoral supervisor, after prior consultation with the foreign institution. The research topic addressed must be in the field of the doctoral thesis.

Art. 15. (1) Doctoral studies may also be organised in co-supervision / co-direction. If the written agreement of co-supervision / co-direction is concluded between I.O.D.S.-U.B. and a I.O.D.S. abroad, the course of the study programme, the doctoral thesis developed and the conditions of public defense must be established in compliance with the legal provisions that apply in both states. Otherwise, the administrative procedure carried out by the I.O.D.S.-U.B. is invalidated, and the title of Doctor is not granted.

(2) The I.O.D.S. that initially enrolls the doctoral student has the main role, and the partner institution has the role of co-supervisor.

(3) The doctoral committee is proposed by the doctoral supervisor (the doctoral supervisors, in the case of theses in co-supervision / co-direction), endorsed by the Council of the Doctoral School (by the council of the doctoral school to which the main doctoral supervisor belongs, in the case of doctoral theses in co-supervision / co-direction) and approved by C.S.U.D. (including in the case of doctoral theses in co-supervision / co-direction, when the doctoral supervisors are part of two I.O.D.S., and the U.B. is the main I.O.D.S.). The composition of the doctoral committee will comply with the legal provisions in force, as well as the internal decisions of U.B.

Art. 16. (1) The expenses occasioned by the organisation of the advanced university study programme, the administering and conducting of exams, the presentation of scientific research projects, and the public defense of the doctoral thesis shall be ensured by the University of Bucharest and/or by the institution with which the co-supervision agreement exists.

(2) The Doctoral School shall ensure the conditions for:

- a) the periodic organisation of scientific communication sessions;
- b) organising the defense of doctoral theses;
- c) other activities approved by the Council of the Doctoral School.

(3) The calculation of the workload for activities at the doctoral school shall be carried out according to the legal provisions in force.

Art. 17. (1) A doctoral supervisor has the right to refuse to declare a candidate admitted to the competition for admission to doctoral studies and to refuse to supervise the doctoral thesis if he considers that the topic proposed by the candidate is not among his current research concerns and/or is not important or current from a general scientific perspective. He also has this right, as well as the right to refuse to continue supervising a doctoral thesis, when he considers that there is

or may arise a situation of conflict of interest and/or violation of legal and/or deontological norms. For the same reasons (scientific or conflict of interest), a doctoral supervisor has the right to refuse to take over the guidance of a doctoral student from another doctoral supervisor. The exercise of these rights by the doctoral supervisor cannot be censured by any academic authority.

(2) The doctoral student may request the Council of the Doctoral School to change the doctoral supervisor if he/she is unavailable for more than one year or does not comply with the clauses of the Contract for Doctoral Studies.

(3) The Council of the Doctoral School shall approve the change after obtaining the written consent of the new doctoral supervisor, within the same field of study.

(4) The Council of the Doctoral School mediates any conflicts between the doctoral students and the doctoral supervisors. Both the doctoral supervisor and the doctoral student will respect the decision of the Council of the Doctoral School on how to resolve the conflict.

Art. 18. (1) The title of the doctoral thesis may be modified at the free choice of the doctoral student until its completion for public defense.

(2) The change of the title of the doctoral thesis shall be approved by the Council of the Doctoral School, within the same field in which the doctoral student was enrolled, and shall not imply a change in the duration of the doctoral degree cycle.

(3) In the case of a co-supervised doctorate, the change of the title of the doctoral thesis shall be made with the agreement of both institutions.

CHAPTER VI

The doctoral student

Art. 19. The person admitted to doctoral studies has the status of doctoral student throughout the cycle of doctoral studies.

Art. 20. The doctoral student has the right to:

- a) receive appropriate guidance;
- b) contest the grades obtained, in accordance with the legal provisions and procedures of the University of Bucharest.
- c) benefit, if necessary, from co-supervision, in the country or abroad, according to institutional agreements and within the limits of the available means;
- d) lodge an appeal regarding the result of the evaluations, under the conditions of the law;

Art. 21. The doctoral student has the obligation:

- a) to comply with the academic standards of documentation and elaboration of a doctoral thesis;
- b) to complete all the course modules provided in the individual training plan in agreement with the doctoral supervisor, and to comply with the established deadlines;
- c) to integrate into the scientific team of the doctoral supervisor;
- d) to submit progress reports and publish articles within the terms and conditions of the individual training plan;
- e) to comply with the thesis writing guidelines established by the doctoral school.

Art. 22. (1) The doctoral student enrolled in the full-time education form may obtain a doctoral scholarship, which is awarded through a competition organised by the doctoral school.

(2) According to the provisions of the Contract for Doctoral Studies, the doctoral scholarship is awarded either for the entire period of the doctoral degree cycle, or for one of the components of this cycle. The scholarship is suspended during the periods of interruption of approved doctoral studies.

(3) The doctoral student expelled from the doctoral study cycle loses the quality of doctoral student and, automatically, loses the right to the scholarship.

CHAPTER VII

Admission to doctoral studies

Art. 23. (1) Admission to doctoral university studies is carried out annually, usually in the month of September, for each doctoral student position declared vacant by each doctoral supervisor.

(2) The methodology on the admission to doctoral studies shall be developed by the Council of the Doctoral School and shall be validated by the CSUD. The methodology on the admission to doctoral studies shall be made public on the website of the Faculty of Chemistry.

(3) The evaluation of candidates shall be carried out by fields for each doctoral supervisor, by the committees constituted for this purpose.

Art. 24. (1) The admission competition shall include a series of exams specific to the field of doctoral studies and a linguistic competence exam.

(2) The admission exams may consist, according to the specific nature of each field, either of the evaluation of knowledge based on oral or written exams, or of the presentation and debate of a thematic project, which must include a theoretical and critical definition, an evaluation of scientific trends in the proposed research field, an adequate bibliography, and a projection of the doctoral training path.

Art. 25. (1) The language competence exam is sat at the Foreign Language Centre of the University of Bucharest, in the form of the European language passport/portfolio. Language competence certificates issued by institutions recognised by the University of Bucharest are also accepted.

(2) If a candidate has obtained in the last 2 years a certificate of linguistic competence with international recognition, the linguistic competence exam is no longer necessary.

(3) The minimum standard for the candidate is to use an international language at level B2, according to the reference framework developed by the Council of Europe.

CHAPTER VIII

Elaboration and defense of the doctoral thesis

Art. 28. (1) The doctoral thesis is developed in accordance with the Guidelines for writing doctoral theses developed by the Council of the Doctoral School.

(2) The requirements that must be met by the candidates for the title of Doctor in Chemistry in view of the approval of the public defense of the doctoral thesis are:

- a) The publication of a minimum of 2 original publications in ISI-indexed journals, with the correspondence address of the University of Bucharest, of which at least one publication in an ISI-indexed journal from abroad, which must contain the research carried out by the doctoral student and which is part of the doctoral thesis subject to evaluation.
- b) All publications submitted for evaluation for the granting of the title Doctor, respectively of the corresponding qualifier, must present original data obtained by the doctoral student and included in the analysed doctoral thesis.
- c) A publication can be used for the evaluation of a single doctoral thesis. In exceptional cases, when several doctoral students are co-authors of the same publication, the doctoral supervisor shall specify in writing the contribution of each doctoral student, respectively the inclusion of the corresponding research in their doctoral theses.

d) The doctoral supervisor must be co-author of at least two of the publications subject to evaluation for the granting of the title of Doctor.

(3) The doctoral student must be the first author of at least one of the publications subject to evaluation for the granting of the title of Doctor.

(4) The completed doctoral thesis shall be submitted to a preliminary debate, within the specialised department or research center, in the presence of the doctoral supervisor and the members of the academic guidance and integrity committee. The Minutes of the meeting will contain a summary of the debates and will be signed by the doctoral supervisor and the members of the academic guidance and integrity committee. The doctoral student has the obligation to take into account in the final version of the thesis the critical observations/suggestions made during the preliminary debate of the thesis.

(5) The public defense may take place only after the doctoral supervisor and the academic guidance and integrity committee have given their agreement.

(6) The doctoral thesis shall be submitted to the Council of the Doctoral School, accompanied by the list of scientific papers, the acceptance report of the doctoral supervisor and the Minutes of the preliminary debate meeting organised according to paragraph (4).

(7) In the case of a co-supervised doctorate, the doctoral thesis shall be submitted to the institution where the enrolment in doctoral studies was carried out, together with the acceptance reports of the two doctoral supervisors and the syntheses of the preliminary debates organised in the two co-supervised partner institutions.

Art. 29. The stages regarding the submission and defense of the doctoral thesis are developed by the CSUD and are made public on the website of the Faculty of Chemistry.

Art. 30. (1) The management of the doctoral school shall send the doctoral thesis for evaluation to the members of a committee of specialists, called *the doctoral committee*.

(2) The doctoral committee is proposed by the doctoral supervisor (the doctoral supervisors, in the case of co-supervised theses) and approved by the Council of the Doctoral School (by the Council of the doctoral school of which the main doctoral supervisor is a member, in the case of co-supervised doctoral theses) and by the Rector of the University (including in the case of doctoral theses in co-supervision, when the doctoral supervisors are part of two doctoral theses). and the University is the main IODS).

(3) The doctoral committee shall consist of at least 5 members: the president, the doctoral supervisor and at least 3 official reviewers, from the country or abroad, and of which at least two carry out their activity outside the University of Bucharest.

(4) The president of the doctoral committee is the Director of the Doctoral School or his delegate from among the doctoral supervisors who are members of the Council of the Doctoral School.

(5) The official referents in the doctoral committees have the title of Doctor, are specialists in the field in which the doctoral thesis was elaborated, and have at least the didactic function of Associate Professor or Scientific Researcher of the second degree, or have the quality of doctoral supervisor, in the country or abroad.

(6) The official reviewers in the doctoral committee must be members of the universities of the *Universitaria Consortium*, of advanced research and education universities, national RDI institutes or of the Romanian Academy. The other situations will be analysed individually by the Council of the Doctoral School.

(7) In the case of the co-supervised doctorate, the doctoral committee consists of specialists from both institutions. The doctoral committee can be completed with 1-2 specialists from a third Higher Education Institution. The president of the doctoral committee is appointed by the institution hosting the public advocacy.

(8) The Secretariat of the Doctoral School shall send to the reviewers the Decision of the Rector of the University of Bucharest for the approval of the doctoral committee, the letter of the Doctoral School of Chemistry with the requirements for the evaluation of the thesis and a copy of the doctoral thesis.

(9) The official reviewers have the obligation to submit the analysis reports to the management of the doctoral school, within 30 days from the date of receipt of the doctoral thesis. If one or two official reviewers consider that the thesis is *unsatisfactory*, it will have to be redone. The revised doctoral thesis is submitted to the management of the doctoral school with the written consent of the doctoral supervisor and the official reviewers involved.

(10) If one of the members of the doctoral committee becomes unavailable, he/she may be changed at the proposal of the scientific supervisor and with the approval of the Council of the doctoral school.

(11) The public defense of the doctoral thesis may be organised only if all the official reports are favourable.

(12) The doctoral student shall develop an abstract of the doctoral thesis in the Romanian language and an abstract in the English language, which are posted on the website of the doctoral school at least 14 days before the date of the public defense.

(14) If the doctorate is defended in an international language, the abstract of the doctoral thesis shall be elaborated and disseminated in Romanian.

Art. 31. (1) The doctoral student has the obligation to comply with the minimum standards for granting the title of Doctor in the field of Chemistry established by the CNATDCU by Ministerial Order.

(2) Following the public defense of the doctoral thesis, the doctoral committee evaluates and deliberates on the grade to be assigned to the doctoral student. The ratings that can be awarded are: "Excellent" ("*Summa cum laude*"), "Very good" ("*Magna cum laude*"), "Good" ("*Cum laude*"), "Satisfactory" or "Unsatisfactory".

(3) The minimum value thresholds for the award of ratings shall be expressed in relation to the cumulative ¹ impact factor (*IF cumulative*) for the publications subject to evaluation. The cumulative impact factor is calculated, at the date of submission of the doctoral thesis, taking into account the value of the IF for the year in which the article submitted for evaluation was published. If the IF has not been calculated for one year, the value of the previous year will be taken into account.

The minimum value thresholds are:

- Rating "Unsatisfactory": $IF_{cumulative} \leq 1$
- Qualification "Satisfactory" : $1 < IF_{cumulative} \leq 2$
- "Good" rating ("*Cum laude*") : $2 < IF_{cumulative} \leq 5$
- Rating "*Magna cum laude*" : $5 < IF_{cumulative} \leq 10$
- Rating "Excellent" ("*Summa cum laude*") - *Cumulative* > 10

(4) In the event that two or more doctoral students are part of the group of authors of the publications submitted for evaluation, the impact factor of the respective publication shall be divided by the number of doctoral students who are co-authors.

(5) In order to be awarded the qualifications "Excellent" ("*Summa cum laude*") and "Very good" ("*Magna cum laude*"), the doctoral student must be the first author of at least two of the publications subject to evaluation for the granting of the doctoral title.

(6) In case of awarding the qualification "Unsatisfactory", the doctoral committee will specify the elements to be redone or completed and will establish a new public defense of the doctoral thesis.

¹ Journal Citation Reports.

(7) The management of the Doctoral School shall draw up the formalities necessary for the validation by the National Council for the Attestation of University Titles, Diplomas and Certificates of the decision to grant the title of Doctor.

CHAPTER IX

Conferral of the title of Doctor and issuance of the diploma

Art. 33. The decision of the doctoral committee to grant the title of Doctor, together with the necessary documents, shall be submitted to the Doctorate, Habilitation and Integrity Service of the University of Bucharest.

Art. 34. The awarding of the Doctoral Diploma can be done in a public ceremony.

CHAPTER X

Fraud prevention in scientific research

Art. 35. The basic premise for the integrity of scientific research in the Doctoral School of Chemistry are honesty ("*Don't lie, don't steal*"), transparency and independence. The prevention of fraud in scientific research at the level of the Doctoral School of Chemistry aims to promote measures that stimulate a culture of thinking and of an upright scientific behavior:

- a) Research integrity requires honesty in presenting goals and intentions, manipulating data, approaching methods and procedures for reporting and interpreting results, and analyzing and using resources.
- b) Inclusion in the doctoral students' training programme of compulsory course modules containing notions of *Academic Ethics and Deontology* and *scientific authorship* that ensures the information of doctoral students on the norms of scientific ethics, prevention of academic fraud and plagiarism.
- c) The doctoral supervisors together with the academic guidance and integrity committees will introduce the rules of good scientific conduct in research to the doctoral students and will ensure their integration into the research group of the doctoral supervisor.
- d) The risk of fraud is reduced if the progress of doctoral research is discussed in the academic guidance and integrity committee and the results are regularly presented in the research group in which the doctoral student carries out his/her activity, in the specialised department and at scientific events in the field of research addressed.
- e) The reporting and communication of research results shall be carried out in a transparent, fair and impartial manner, with recognition of the work of others. To ensure transparency in research, it is essential that each step of research is well documented so that the argumentation process can be properly reconstructed to confirm the validity of the conclusions.
- f) Deviations from good scientific conduct can also be discussed within the research teams of the doctoral supervisor, the specialised department, the ethics committee of the faculty.
- g) The doctoral supervisor will inform the doctoral student about the practices and standards for recording, storing, backing up and archiving primary and collateral research data, including laboratory laptops and electronic information that can be stored on laboratory computers and personal laptops or other devices.
- h) The doctoral student is ultimately responsible for the behavior in relation to conducting the research, whether it is data collection, data storage or reporting results.

- i) The doctoral supervisor and/or the doctoral student, upon request, can access the anti-plagiarism software provided by the CSUD.
- j) For any fraud or plagiarism situations, the doctoral student is responsible, under the conditions of the criminal law and the copyright law, in force on the date of the finding of fraud or plagiarism.

CHAPTER XI

Final and transitional provisions

Art. 36. (1) This Regulation was drafted by the Council of the Doctoral School of Chemistry, in consultation with the doctoral supervisors who are members of the DSCh, in compliance with the Regulation on the organisation and conduct of doctoral studies at the University of Bucharest and all normative acts in the field, with superior legal force.

(2) On the date of its entry into force, any other provisions to the contrary shall be repealed.

DIRECTOR OF THE DOCTORAL SCHOOL OF CHEMISTRY,

DEAN,

Prof. Dr. Camelia Bala

Assoc. Prof. Dr. Emilia-Elena Iorgulescu,