

Regulations of the Bayreuth Graduate School of Mathematical and Natural Sciences (BayNAT)

§ 1

Members / Organization

- (1) ¹Members of BayNAT are the teaching personnel of the faculty of Mathematics, Physics, and Informatics and the faculty of Biology, Chemistry and Geosciences, who are authorized to be examiners according to Art. 2 Par. 1 Bayerisches Hochschulpersonalgesetz (BayHSchPG), ²The graduate school is directed by a director*) and a vice-director. ³These are elected by the members of BayNAT with the simple majority of cast votes. ⁴The tenure is two years. ⁵Each member is entitled to nominate candidates.
- (2) ¹Further members of the University of Bayreuth may become members of BayNAT. ²The admission of a filed application is approved by the president of the University of Bayreuth (Hochschulleitung) after proposal of the members of BayNAT; Par. 1 Sentence 3 is analogically valid for the election of new members.
- (3) The meeting of members has a quorum if all members were correctly invited and if the majority of members are present and entitled to vote; during identification of presence and voting right of members, transmissions of voting rights in written form will also be considered.

^{*)} All titles are meant equally for men and women. There is no linguistic differentiation in the wording of the respective regulations.

§ 2

Goals

¹It is the goal of BayNAT, to offer to young scientists an excellent education along with their research work, which will enable them to master future challenges in the manifold areas of modern natural sciences and to contribute to the further development of scientific concepts in a creative way. ²In order to achieve this, in its several graduate school programs BayNAT offers an interdisciplinary, internationally structured training and organized mentoring as an accompanying support. ³In the framework of the doctoral programs, highly qualified scientists (students) will have the option by a combination of master and doctoral studies to move forward from the master to the doctoral program and to acquire within the continuative promotion program also the academic degree of a Master of Science (Fast-Track-Option). ⁴The graduate students are supported in their ability for independent research by specialized modules that are research relevant and occupational, practical and theoretical.

§ 3

Promotion

¹The participation in a doctoral program allows for the acquisition of the academic degree of a Doctor of Natural Sciences (Dr. rer. nat.) based on the promotion regulations of BayNAT in their respectively valid version. ²The fundamental conditions for admission to promotion and the general procedures of exams are regulated by the promotion regulations of the BayNAT according to the respective doctoral program (Fast-Track-Option). ³Graduation within the framework of the promotion regulations of the faculty of Mathematics, Physics, and Informatics as well as the promotion regulations of the faculty of Biology, Chemistry, and Geosciences is at liberty.

§ 4

Doctoral Programs

- (1) The doctoral programs of BayNAT are listed in the attachment of these regulations.
- (2) ¹Proposals of further doctoral programs have to be submitted to the director of BayNAT. ²They are established by a majority vote of the members of BayNAT.
- (3) ¹The steering committee of a doctoral program consists of at least three authorized examiners from faculty or the teaching personnel, who are members of the graduate school and who elect a chairman and an assisting chairman among themselves. ²At least two members of the steering committee should be faculty or authorized

examiners from the teaching personnel according to Art. 2 Par. 1 No. 1 Bayerisches Hochschulpersonalgesetz (BayHSchPG) in its respectively valid version. ³The members and one backup substitute are elected by the authorized examiners of the doctoral programs for a period of three years.

- (4) ¹The steering committee has a quorum if all members were correctly invited and if the majority of members are present; it decides with the majority of cast votes. ²Abstentions from voting, secret voting and transmission of voting rights are not permitted. ³In the event of a tie vote, the vote of the chairman is decisive.
- (5)** ¹New members of a doctoral program are admitted by application or by resolution of the steering committee. ²The chairman of the steering committee keeps an updated list of the members of the doctoral program and forwards it to the director of the graduate school.

Attachment: Doctoral Programs of BayNAT

- Experimental Geosciences
- Materials Chemistry and Catalysis
- Molecular Bioscience
- Ecology and Environmental Research
- Polymer Science
- Space and Society
- Computational Mathematics in Science and Engineering (BayCompMath)
- Analysis, Algebra and Geometry (BayTheoMath)
- Soft Material Physics, Non-linear Dynamics and Solid State Physics