

Dept. of Structural Molecular Science · Dept. of Functional Molecular Science
For changes in screening procedures
【5-year Doctoral Program】

Please be sure to refer to the application guidelines. This page describes the differences of the entrance examination in this year from the application guidelines **in red**.

Selection will be done based on submitted application documents, **online examination and online interview**. Examination of application documents will be done by referring to submitted transcripts etc. **Online examination with questions on specialized subject and online interview will be done instead of on-site written examination and face-to-face interview**. More details of the method of examination is follows.

Specialized subjects: Applicants must choose **one subject** they wish to answer from the following six subjects in application: (a) physical chemistry, (b) organic chemistry, (c) inorganic chemistry, (d) biological chemistry, (e) physics A (classical mechanics & electromagnetism), and (f) physics B (quantum mechanics, thermodynamics & statistical mechanics).

Note: Applicants are encouraged to contact the host professor in advance as possible.

Contents of online scholastic examination

Subject	Style	Examination time	Other information or requirements
Physical Chemistry	Presentation and oral examination	30 minutes (presentation 15 min, Q & A 15 min)	Applicants should prepare an environment where he/she can write the expressions and/or figures on paper that can be shown by the web camera. Presentation subjects will be announced in mid January to all applicants.

Organic Chemistry	Writing and web Q & A	60 minutes [1-3 quick questions (web Q & A style) and 1 writing questions	Answers will be collected right after each question. Reference books can be brought in.
Inorganic Chemistry	Oral examination	50 minutes	No reference book etc.
Biochemistry	Writing	60 minutes	No reference book etc.
Physics A	Writing	40 minutes	No reference book etc.
Physics B	Writing	40 minutes	No reference book etc.

Note) Zoom[#], a bidirectional communication tool will be used. Prior guidance for the online exam is scheduled on January 12, 2021. Please connect and participate in the same environment which you will use on the day of the examination; at home or in laboratory. We will contact you by e-mail regarding the guidance. # <https://zoom.us/>

Contact:
Graduate Student Affairs Section International Relations and Research Cooperation Division General Affairs Department Okazaki Administration Center National Institutes of Natural Sciences (NINS) E-mail: r7139★orion.ac.jp (★→@) TEL: +81-564-55-7139