

The educational activities of the Department of Genetics are linked to the BSc, MSc and doctoral programs of the Institute of Biology of the Faculty of Natural Sciences and Informatics of the University of Szeged. Our obligatory course units and optional course units are taught in Hungarian and English and cover both classical, and modern molecular genetics and developmental genetics. During the seminars and practical courses, in addition to genetic problem-solving examples, students also gain insight into the methods of modern genetics and cell biology.

There are four research groups in the Department of Genetics, which are focusing on the genetic regulation of the circadian rhythm of plants, archaeogenetic research, the regulation and precise components of the cytoskeleton, and understanding of the differentiation of gametes. At the department students, undergraduate and PhD students gain insight into the development of a research project using the most modern genetic, molecular biological and microscopic techniques. The research groups maintain extensive Hungarian and international collaborations. Group meetings and seminars are often in English, so students have the opportunity to learn and use the professional English language, which could help them to be involved in research in an international environment. Research education is supported by the National Research, Development and Innovation Office, the Hungarian Academy of Sciences and the Institute of Hungarian Research.

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