

# Master in Geodynamics



**FACULTY OF SCIENCE – CHARLES UNIVERSITY – PRAGUE**

Institute of Petrology and Structural Geology (IPSG) is a small research-oriented department at the Faculty of Science, Charles University, a university with over 670 years of tradition located in the historical city of Prague. The Institute employs specialists on structural geology/geodynamics, petrology and geochemistry running numerous externally funded research projects.

Our Master in Geodynamics focuses on various aspects of tectonic processes identified through analyses of magmatic and metamorphic rocks as well as their deformation structures. The emphasis of the two years master-degree programme is given to the individual research project, master thesis, which is awarded by 55 out of the total 120 ECTS credits. Our tutorial style of teaching consists of several “hands-on” practical courses developing computer-modelling skills. Field expertise represents an integral part of our master programme with the majority of master thesis projects based on fieldwork.

Teamwork habits, as well as independent thinking, is fostered by interaction with our mixed Czech, international and visiting Erasmus students and IPSG staff and PhD students. The students benefit from our network of collaborators from various scientific institutions in Czechia and worldwide including the possibility of Erasmus mobility to a large number of the top European universities.

## LANGUAGE OF INSTRUCTION



English

## DURATION



2 years (120 ECTS credits)

## EXPENSES



€0 – tuition fees  
ca. €500 – basic monthly living costs

## TEACHING



small classes (usually <10 students)  
tutorial style teaching

## EMPHASIS



individual research project (master thesis since the first semester)

## ADMISSION REQUIREMENTS



bachelor degree in geology  
fluent English (spoken and written)

## APPLICATION DEADLINE



January 31<sup>st</sup>



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