

304	Mathematical Modelling of Geomechanical Processes		3,4	3		6	180	31	44		105
ΠΟ1	Organization of scientific and innovative activities		2	2	2	4	120	36	18		66
ΠΟ2	Teaching practice		3			2	60				
TOTAL of NORMATIVE educational components		3	6	4	4	30	900	124	225		551
2. Elective components											
B1	Educational component 1 F		4	4		5	150	36	18		96
B2	Educational component 2 F		4	4		5	150	36	18		96
TOTAL of ELECTIVE educational components			2	2		10	300	72	36		192
TOTAL		3	8	6	4	40	1200	196	261		743

II. Scientific component		
YEAR	The content of the graduate student's scientific work	Forms of control (Reporting)
1st year	Choosing and justification the topic of your own scientific research, defining the content, deadlines and scope of scientific work; selection and substantiation of the methodology for conducting one's own scientific research, the implementation of inspection and analysis of existing views and approaches that have developed in modern science in the chosen direction. Training and publication of at least 1 article (usually a review article) in scientific journals (domestic or foreign) on the research topic; participation in scientific and practical conferences (seminars) with the publication of abstracts.	Approval of the individual work plan of the graduate student at the academic council of the institute / faculty, reporting on the progress of the individual plan of the graduate student twice a year
2nd year	Conducting, under the guidance of a scientific supervisor, one's own scientific research, which involves solving research problems by applying a complex of theoretical and empirical methods	Report on the progress of the individual plan of the graduate student twice a year
3rd year	Analysis and generalization of the obtained results of own scientific research; substantiation of the scientific novelty of the results obtained, their theoretical and / or practical significance.	Report on the progress of the individual plan of the graduate student twice a year
4th year	Registration of scientific achievements of a graduate student in the form of a dissertation, summing up the completeness of coverage of the results of the dissertation in scientific articles according to the current requirements. Implementation of the results obtained and obtaining supporting documents. Submission of documents for preliminary examination of the dissertation. Preparation of a scientific report for graduation certification (protection of the dissertation).	Report on the progress of the individual plan of the graduate student twice a year. Providing an opinion on scientific novelty, theoretical and practical significance of the results of the dissertation.

Head of the Scientific and Methodical Board of Speciality _____ / **Kravets V. G.** /

Head of the Department _____ / **Kruchkov A.I.** /

Dean of the Faculty _____ / **Denisuk S.P.** /