Durpose of the ED	Learning outcomes
I raining of specialists with conceptual,	LOI Possess written and oral communication
analytical and logical thinking, who are able to	in native and foreign languages, use
determine the organization's strategy,	information management skills
possessing a complex of new knowledge in the	LO2 Be able to independently develop
field of mathematical and computer modeling	efficient algorithms and programs for computer
of processes.	modeling of natural and man-made processes
	LO3 To know the methods for developing
	efficient models and algorithms for their
	implementation in the study of the dynamics of
	gases and liquids in chemical technology
	devices, power plants, as well as in modeling
	problems of hydrodynamics, heat and mass
	transfer, and biotechnology.
	LO410 be able to analyze the stages of
	development of mathematical modeling of
	processes and analysis of the results of
	numerical experiments.
	LO5 Be able to apply the latest achievements
	of mathematical and computer modeling in
	science, banking, insurance companies and
	financial structures, incl. foreign scientists
	LO6 Understand the need to work in a team to
	solve modeling problems that require the
	coordination of efforts of several performers,
	with knowledge of the tasks of environmental
	physics.
	LO7 Ability to plan and conduct numerical
	and full-scale experiments of research with the
	interpretation of the results obtained on the
	basis of modern modeling methods in the field
	or economics, engineering and technology.
	LUB Critically analyze existing methods for
	developing mathematical models in various
	subject areas using information technology.
	to independently learn and improve the ability
	to independently learn and improve their
	qualifications throughout their lives.

7M06140- «Mathematical and computer modeling» Objectives and learning outcomes of the undergraduate program