

**COMPETENCES OF UPT GRADUATE IN:
Fundamental domain: Engineering Sciences**

Master's degree study program:

„PRODUCTS OF FINE ORGANIC SYNTHESIS, SEMISYNTHESIS AND NATURAL COMPOUNDS”

Main Field: Chemical engineering

| No. | Competences |
|-------------------------------------|---|
| <i>Professional competences 85%</i> | |
| C1 | Acquiring of new and advanced knowledge in the program field (30%) |
| C2 | Developing of the analysis and synthesis capacities for the new knowledge, increasing the capacity of identification of new ways for field developing and the possibility of own professional completion (15-40%) |
| C3 | Understanding and creative application of the specific research and design principles and techniques (15-40%) |
| C4 | Developing of individual and team working capacities in the research and design fields (15%) |
| <i>Transversal competences 15%</i> | |
| CT1 | Performing complex professional tasks fulfilling ethical professional standards under the guidance of a personal schedule based on self-appropriate study (5%) |
| CT2 | Planning, monitoring and assumption of a subordinated group professional tasks (5%) |
| CT3 | Continuous information and up-to-date documentation in personal and connected activity fields, correlated with labor market (5%) |