Modular courses from discipline
Mechanical Engineering

No.	Modular courses	Type of classes and hours
1.	Optimization of structures	L - 15
2.	Damage mechanics	L - 15
3.	Mechanics of coupled fields	L - 15
4.	Dynamics of material systems	L - 15
5.	Biomechanics	L - 15
6.	Mechanics of composites	L - 15
7.	Mechanics of deformable bodies	L - 15
8.	Computational methods of structures analysis	L - 15
9.	Experimental methods of damage detection of structures	L - 15
10.	Vehicle construction	L - 15
11.	Technical thermodynamics	L - 15
12.	Fluid mechanics	L - 15
13.	Heat and mass transfer	L - 15
14.	CAD systems	L - 15
15.	Logistics	L - 15
16.	Modelling of productions systems	L - 15
17.	Enterprise management or Production management	L - 15
18.	Analysis and assessment of the surface topography	L - 15
19.	Reverse engineering	L - 15
20.	Design of experiments	L - 15
21.	Nonconventional and additive manufacturing processes	L - 15
22.	Metrology	L - 15
23.	Conventional methods of machining	L - 15
24.	Image analysis	L - 15

L – lecture