

Ph.D. Curriculum of Metallurgical and Materials Engineering

Specialized courses	Optional courses	Thesis	Sum
6	10	20	36

2nd Semester			1st Semester		
Credit	Course type	Course name	Credit	Course type	Course name
2	Specialized	Special topics in mechanical properties of materials	2	Specialized	Special topics in physical properties of materials
2	Specialized	Research methodology in material science and engineering	2	Optional	Selected topics in biomaterial engineering
2	Optional	High temperature alloys	2	Optional	Advanced topics in ceramics
2	Optional	Electrical, magnetic, and optical properties of materials	2	Optional	Special topics in corrosion and protection of materials