

Joint master degree program in: “Aerospace Engineering” between KNTU & MAI

Semester	In university	Courses
1	KNTU	<ol style="list-style-type: none"> <li>1- Russian language</li> <li>2- Continuum Mechanics</li> <li>3- Structural design of the airframe elements</li> <li>4- Structural design of the airframe elements of composites</li> <li>5- Computer technologies in aircraft design, Part1</li> <li>6- Computer analysis and modeling means, Part1</li> <li>7- An Introduction to Aerospace Engineering (جبرانی)</li> </ol>
2	MAI	<ol style="list-style-type: none"> <li>1- Methodology of scientific research</li> <li>2- Structures of Flight Vehicles</li> <li>3- Theory of space Flight</li> <li>4- Scientific sections of Flight Dynamics</li> <li>5- Technology of Structural Materials</li> <li>6- Structural Strength</li> <li>7- Scientific Research Practice 2</li> <li>2- Scientific Research work in the Semester</li> <li>8- Foreign Language(Russian language)</li> </ol>
3	MAI	<ol style="list-style-type: none"> <li>1- Scientific seminar in spacecraft design</li> <li>2- Technology of Structural Manufacturing</li> <li>3- Engineering development of Space Systems</li> <li>4- Computer technologies in aircraft design, Part2</li> <li>5- Computer analysis and modeling means, Part2</li> <li>6- Project Practice 1</li> <li>7- Scientific Research work in the Semester</li> <li>8- Foreign Language(Russian language)</li> </ol>
4	MAI	<ol style="list-style-type: none"> <li>1- Methods of Optimization</li> <li>2- Scientific seminar in spacecraft design</li> <li>3- Engineering development of Space Systems</li> <li>4- Scientific Research work in the Semester</li> <li>5- Pre-graduation Practice</li> <li>6- Final Project</li> </ol>