

**Cycle view of the study programme**

B1 Or Th Pr Au Cr

Further Informations

**Compulsory Courses (B1 : 50Cr)**

AERO0015-1	<i>Mechanical design of turbomachinery</i> (english language) - Loïc SALLES - [30h Proj.]	B1	Q1	26	26	[+]	<b>5</b>
MECA0462-2	<i>Materials selection</i> (english language) - Anne MERTENS, Davide RUFFONI - [30h Proj., 1d FW]	B1	Q1	26	26	[+]	<b>5</b>
MECA0058-1	<i>Fracture mechanics, damage and fatigue</i> (english language) - Ludovic NOELS - [75h Proj.]	B1	Q1	30	10	[+]	<b>5</b>
MECA0464-1	<i>Large deformation of solids</i> (english language) - Romain BOMAN, JeanPhilippe PONTHOT - [60h Proj.]	B1	Q1	26	26	[+]	<b>5</b>
ATFE0018-1	<i>Final work</i> (english language) - N...	B1	Q2	-	-	-	<b>30</b>

**Optional courses (B1 : 10Cr)**

Choose two of the following courses : (B1 : 10Cr)

MECA0502-1	<i>Mechanics of composites</i> (english language) - Michaël BRUYNEEL	B1	Q1	26	26	-	<b>5</b>
AERO0032-1	<i>Aeroelasticity and experimental aerodynamics</i> (english language) - Thomas ANDRIANNE, Grigorios DIMITRIADIS	B1	Q1	26	26	-	<b>5</b>
MECA0062-1	<i>Vibration testing and experimental modal analysis</i> (english language) - Loïc SALLES - Suppl : Mathieu BERTHA - [30h Proj.]	B1	Q1	26	26	[+]	<b>5</b>
AERO0004-1	<i>Turbulent Flows</i> (english language) - Vincent TERRAPON - [40h Proj.]	B1	Q1	26	26	[+]	<b>5</b>
MECA0032-1	<i>Flow in turbomachines</i> (english language) - Koen HILLEWAERT - [60h Proj.]	B1	Q1	26	26	[+]	<b>5</b>