

## First Year

### Module 0 : Introduction of the field

#### Compulsory courses

MCER0201-1	<i>Module I : Blood donation</i> (english language)				<b>9</b>
	- <i>Introduction</i> - N...	-	-	-	
	- <i>Promotion of Blood donation</i> - N...	-	-	-	
	- <i>Blood donation</i> - N...	-	-	-	
	- <i>Laboratory of hemodonationand transfusional safety</i> - N...	-	-	-	
	- <i>Elaboration of blood components</i> - N...	-	-	-	
MCER0202-1	<i>Module II : Transfusion</i> (english language)				<b>12</b>
	- <i>Introduction</i> - N...	-	-	-	
	- <i>Pre-transfusion tests and transfusion administration</i> - N...	-	-	-	
	- <i>Indications of transfusion</i> - N...	-	-	-	
	- <i>Incidents and transfusion effects</i> - N...	-	-	-	
	- <i>Alternatives to Allogeneic transfusion</i> - N...	-	-	-	
	- <i>Therapeutic aphaeresis and plasma exchange</i> - N...	-	-	-	
	- <i>Use of Plasma derivates</i> - N...	-	-	-	
MCER0203-1	<i>Module III : Immunohematology</i> (english language)				<b>9</b>
	- <i>Introduction</i> - N...	-	-	-	
	- <i>Erythrocyte-IH</i> - N...	-	-	-	
	- <i>Platelet - IH</i> - N...	-	-	-	
	- <i>Granulocyte-IH</i> - N...	-	-	-	
	- <i>HLA System</i> - N...	-	-	-	

#### Compulsory courses

MCER0201-1	<i>Module I : Blood donation</i> (english language)				<b>9</b>
	- <i>Introduction</i> - N...	-	-	-	
	- <i>Promotion of Blood donation</i> - N...	-	-	-	
	- <i>Blood donation</i> - N...	-	-	-	
	- <i>Laboratory of hemodonationand transfusional safety</i> - N...	-	-	-	
	- <i>Elaboration of blood components</i> - N...	-	-	-	
MCER0202-1	<i>Module II : Transfusion</i> (english language)				<b>12</b>
	- <i>Introduction</i> - N...	-	-	-	
	- <i>Pre-transfusion tests and transfusion administration</i> - N...	-	-	-	
	- <i>Indications of transfusion</i> - N...	-	-	-	
	- <i>Incidents and transfusion effects</i> - N...	-	-	-	
	- <i>Alternatives to Allogeneic transfusion</i> - N...	-	-	-	
	- <i>Therapeutic aphaeresis and plasma exchange</i> - N...	-	-	-	
	- <i>Use of Plasma derivates</i> - N...	-	-	-	
MCER0203-1	<i>Module III : Immunohematology</i> (english language)				<b>9</b>
	- <i>Introduction</i> - N...	-	-	-	
	- <i>Erythrocyte-IH</i> - N...	-	-	-	
	- <i>Platelet - IH</i> - N...	-	-	-	
	- <i>Granulocyte-IH</i> - N...	-	-	-	
	- <i>HLA System</i> - N...	-	-	-	

## Second Year

#### Compulsory courses

MCER0204-2	<i>Module IV : Cell and tissue therapies. Tissue Banks</i> (english language)				<b>15</b>
	- <i>Introduction of stem cell therapies</i> - N...	-	-	-	
	- <i>General Concepts on stem cell</i> - N...	-	-	-	
	- <i>Hematopoietic stem cell (HSC) therapy</i> - N...	-	-	-	
	- <i>Immunotherapy</i> - N...	-	-	-	
	- <i>Cell therapy for organ repair. Regenerative medicine. Advanced Therapies</i> - N...	-	-	-	

	- <i>Cell banking : cord blood</i> - N...	-	-	-	
	- <i>Tissue banking</i> - N...	-	-	-	
	- <i>Quality assurance, standards and accreditation</i> - N...	-	-	-	
	- <i>Regulations</i> - N...	-	-	-	
MCER0205-2	<i>Module V : Transfusion Medicine management concepts</i> (english language)				<b>5</b>
	- <i>Quality systems management</i> - N...	-	-	-	
	- <i>Information technology</i> - N...	-	-	-	
	- <i>Leadership, strategy and management</i> - N...	-	-	-	
	- <i>Finances and management control</i> - N...	-	-	-	
	- <i>Human Resources management</i> - N...	-	-	-	
	- <i>Marketing</i> - N...	-	-	-	
MTFE9004-1	<i>Module VI : Thesis of graduate degree</i> (english language) - COLLÉGIALITÉ	-	-	-	<b>10</b>