

First Year

Module 0 : Introduction of the field

Compulsory courses

MCER0201-1	<i>Module I : Blood donation</i> (english language)				9
	- <i>Introduction</i> - N...	-	-	-	
	- <i>Promotion of Blood donation</i> - N...	-	-	-	
	- <i>Blood donation</i> - N...	-	-	-	
	- <i>Laboratory of hemodonation and transfusional safety</i> - N...	-	-	-	
	- <i>Elaboration of blood components</i> - N...	-	-	-	
MCER0202-1	<i>Module II : Transfusion</i> (english language)				12
	- <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)				9
	- <i>Introduction</i> - N...	-	-	-	
	- <i>Erythrocyte-IH</i> - N...	-	-	-	
	- <i>Platelet - IH</i> - N...	-	-	-	
	- <i>Granulocyte-IH</i> - N...	-	-	-	
	- <i>HLA System</i> - N...	-	-	-	
MCER0204-1	<i>Module IV : Cell and tissue therapies. Tissue Banks</i> (english language)				15
	- <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>Biobanks</i> - N...	-	-	-	
	- <i>Quality assurance, standards and accreditation</i> - N...	-	-	-	
	- <i>Regulations</i> - N...	-	-	-	
	- <i>Ethical issues</i> - N...	-	-	-	
MCER0205-1	<i>Module V : Transfusion Medicine management concepts</i> (english language)				5
	- <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...	-	-	-	

Compulsory courses

MCER0201-1	<i>Module I : Blood donation</i> (english language)				9
	- <i>Introduction</i> - N...	-	-	-	
	- <i>Promotion of Blood donation</i> - N...	-	-	-	
	- <i>Blood donation</i> - N...	-	-	-	
	- <i>Laboratory of hemodonation and transfusional safety</i> - N...	-	-	-	
	- <i>Elaboration of blood components</i> - N...	-	-	-	
MCER0202-1	<i>Module II : Transfusion</i> (english language)				12
	- <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)				9
	- <i>Introduction - N...</i>	-	-	-	
	- <i>Erythrocyte-IH - N...</i>	-	-	-	
	- <i>Platelet - IH - N...</i>	-	-	-	
	- <i>Granulocyte-IH - N...</i>	-	-	-	
	- <i>HLA System - N...</i>	-	-	-	

Second Year (perspectives 2012-2013)

Compulsory courses

MCER0204-2	<i>Module IV : Cell and tissue therapies. Tissue Banks</i> (english language)				15
	- <i>Introduction of stem cell therapies</i>	-	-	-	
	- <i>General Concepts on stem cell</i>	-	-	-	
	- <i>Hematopoietic stem cell (HSC) therapy</i>	-	-	-	
	- <i>Immunotherapy</i>	-	-	-	
	- <i>Cell therapy for organ repair. Regenerative medicine. Advanced Therapies</i>	-	-	-	
	- <i>Cell banking : cord blood</i>	-	-	-	
	- <i>Tissue banking</i>	-	-	-	
	- <i>Quality assurance, standards and accreditation</i>	-	-	-	
	- <i>Regulations</i>	-	-	-	
MCER0205-1	<i>Module V : Transfusion Medicine management concepts</i> (english language)				5
	- <i>Quality systems management</i>	-	-	-	
	- <i>Information technology</i>	-	-	-	
	- <i>Leadership, strategy and management</i>	-	-	-	
	- <i>Finances and management control</i>	-	-	-	
	- <i>Human Resources management</i>	-	-	-	
	- <i>Marketing</i>	-	-	-	
MTFE9004-1	<i>Module VI : Thesis of graduate degree</i> (english language)	-	-	-	10