

First Year

Module 0 : Introduction of the field

Compulsory courses

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|------------|--|---|---|---|-----------|
| 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 hemodonationand 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... | - | - | - | |

Compulsory courses

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|------------|--|---|---|---|-----------|
| 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 hemodonationand 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... | - | - | - | |

Second Year

Compulsory courses

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|------------|--|---|---|---|-----------|
| MCER0204-2 | <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... | - | - | - | |

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| | - <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) | | | | 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... | - | - | - | |
| MTFE9004-1 | <i>Module VI : Thesis of graduate degree</i> (english language) - COLLÉGIALITÉ | - | - | - | 10 |