



**INSTITUT SUPERIEUR DES SCIENCES DE L'INGENIEUR, DES INDUSTRIES ET DE L'INNOVATION**  
**THE HIGHER INSTITUTE OF ENGINEERING SCIENCES, INDUSTRIES AND INNOVATION**

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**MASTER'S IN MEDICAL LABORATORY SCIENCES**

| <b>CODES</b>      | <b>MASTER ONE /COURSE NAMES</b>                         | <b>CREDIT</b> |
|-------------------|---|---------------|
| MMLS11            | Research methods  | 4             |
| MMLS12            | Entrepreneurship and development                        | 4             |
| MMLS13            | Communication skills                                    | 4             |
| MMLS14            | Introduction to the Medical Laboratory Environment      | 4             |
| MMLS15            | Phlebotomy  | 4             |
| MMLS17            | Human Resource Management                               | 3             |
| MMLS18            | Phlebotomy Laboratory                                   | 3             |
| MMLS19            | Medical Laboratory Microbiology I and II                | 3             |
| MMLS20            | Computer application                                    | 3             |
| MMLS21            | Medical Laboratory Hematology                           | 4             |
| MMLS22            | Medical Laboratory Microscopy                           | 4             |
| MMLS23            | Medical Laboratory Immunology                           | 5             |
| MMLS24            | Professional Issues in Medical Laboratory Science       | 5             |
| MMLS25            | Molecular Techniques in Medical Laboratory Science      | 5             |
| MMLS26            | Clinical Practice in Medical Laboratory Science         | 5             |
|                   |   | <b>60</b>     |
| <b>MASTER TWO</b> |   |               |
| MMLS27            | Medical Laboratory Immunohematology                     | 3             |
| MMLS28            | Medical Laboratory Chemistry                            | 3             |
| MMLS30            | Interdisciplinary Studies in Medical Laboratory Science | 3             |
| MMLS31            | Advanced Topics in Medical Laboratory Science           | 3             |
| MMLS32            | Principles of Molecular Diagnostics                     | 3             |
| MMLS33            | Clinical microbiology                                   | 3             |
| MMLS34            | Molecular Genetics and Diseases                         | 4             |
| MMLS36            | Biostatistics for Laboratory Professionals              | 4             |
| MMLS37            | Seminar in Medical Laboratory Science                   | 4             |
| MMLS43            | Internship  | 10            |
| MMLS44            | Thesis  | 20            |
|                   |   | <b>60</b>     |