

MSc. Clinical Embryology Course Credit Structure

| Sr. No. | Course Code | Course Name | Credits |
|-----------------------|-------------|--|-----------|
| Semester I | | | |
| 1 | CLE106 | Cellular, Molecular and Developmental aspects of Sexual Reproduction | 4 |
| 2 | CLE102 | Male Reproductive system: Anatomy and Physiology | 4 |
| 3 | CLE103 | Female Reproductive system: Anatomy and Physiology | 4 |
| 4 | CLE104 | Neuroendocrine regulation of Human Reproduction | 4 |
| 5 | CLE105 | Human Genetics & Embryonic Stem Cells | 4 |
| 6 | | University elective - I | 2 |
| 7 | | University elective - II | 3 |
| | | Total | 25 |
| Semester II | | | |
| 1 | CLE201 | Infertility | 4 |
| 2 | CLE202 | ART | 4 |
| 3 | CLE203 | GLP and Biomedical ethics in ART | 4 |
| 4 | CLE204 | Human andrology and Gynaecology | 5 |
| 5 | CLE205 | Human Embryology & Reproductive Immunology | 4 |
| 6 | | University elective - I | 2 |
| 7 | | University elective - II | 2 |
| | | Total | 25 |
| Semester III * | | | |
| 1 | CLE301 | Hands-on Training I | 15 |
| 2 | CLE302 | Dissertation -I | 8 |
| | | Total | 23 |
| Semester IV* | | | |
| 1 | CLE401 | Hands-on Training II | 15 |
| 2 | CLE402 | Dissertation -II | 8 |
| | | Total | 23 |

**Semester III and Semester IV will be conducted at Oasis fertility clinic centres.*