 **MS in Clinical Laboratory Sciences**

* 1. **Graduate Year 1 (G1)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| X | # | Course name | cr |  | X | # | Course name | cr |
|  | CLS610 | Clinical Microbiology I | 4 |  |  | CLS620 | Clinical Microbiology II | 4 |
|  | CLS650 | Clinical Hematology and Hemostasis | 4 |  |  | CLS640 | Clinical Chemistry | 4 |
|  | CLS655 | Urinalysis and Body Fluids | 2 |  |  | CLS660 | Immunohematology | 4 |
|  | PSC672 | Experimental Design and Data Analysis | 2 |  |  | CLS630 | Clinical Immunology | 4 |
|  | ETH610 | Ethics in Research | 1 |  |  | BIO650 | Research Design | 2 |
|  |  | Total | 13 |  |  |  | Total | 18 |

**Graduate Year 2 (G2)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| X | # | Course name | cr |  | X | # | Course name | cr |
|  | CLS770 | Clinical Practicum I | 9 |  |  | CLS780 | Clinical Practicum II | 9 |
|  | BHS745 | Molecular Diagnostics w/lab |  4 |  |  | CLS760 | Clinical Correlations | 3 |
|  | BHS730 | Advanced Good Laboratory Practices/Laboratory Management | 3 |  |  | BHS740 | Genetics and Molecular Basis of Disease |  3 |
|  |  |  |  |  |  | BHS790 | Capstone | 3 |
|  |  | Total | 16 |  |  |  | Total | 18 |