

| Course #            | Title                                 | Instructor        | Credit Hours | Pre-Reqs                       | Fall I | Fall II | Spring I | Spring II | Summer | Acceptable Co-Reqs   |
|---------------------|---------------------------------------|-------------------|--------------|--------------------------------|--------|---------|----------|-----------|--------|----------------------|
| <b>CORE COURSES</b> |                                       |                   |              |                                |        |         |          |           |        |                      |
| CLNR 505            | Principles of Clinical Research       | Dr. Charboneau    | 1.5          | N/A                            | X      |         |          |           | X      |                      |
| CLNR 515            | New Product Development               | Dr. Charboneau    | 1.5          | N/A                            | X      |         |          |           | X      |                      |
| CLNR 517            | Biostatistical Inference              | Dr. Jiroutek      | 2            | Statistics                     |        | X       |          |           |        |                      |
| CLNR 518            | Intro to Biostatistical Modeling      | Dr. Jiroutek      | 2            | 517                            |        |         | X        |           |        | CLNR 520             |
| CLNR 519            | Physical & Clinical Assessment w/lab  | Dr. Byrd          | 2            | Anatomy & Physiology           |        |         |          |           | X      |                      |
| CLNR 520            | Advanced Data Management              | Dr. Byrd          | 2            | CLNR 505 & 515                 |        |         | X        |           |        | CLNR 518             |
| CLNR 525            | Medical Ethics                        | TBD               | 2            | N/A                            | X      |         |          |           |        |                      |
| CLNR 530            | Regulatory Affairs                    | Dr. Gluck         | 3            | CLNR 505 & CLNR 515            |        |         |          | X         |        |                      |
| CLNR 552            | Scientific Communication              | Dr. van Tilburg   | 2            | N/A                            |        | X       |          |           |        |                      |
| CLNR 559            | Managing & Monitoring Clinical Trials | TBD               | 3            | CLNR 505 & 515                 | X      |         |          |           |        |                      |
| CLNR 561            | Healthcare Economics                  | Dr. Carter        | 2            | N/A                            |        |         |          |           | X      |                      |
| CLNR 566            | Advanced Study Design & Analysis      | Dr. Holland       | 3            | CLNR 505, 515                  |        |         |          | X         |        | CLNR 518             |
| CLNR 568            | Project Management                    | Dr. Warner        | 2            | CLNR 505, 515 & 559            |        | X       |          |           | X      |                      |
| CLNR 606            | Clinical Research Seminar             | TBD               | 2            | CLNR 505, 515, 518 & 566       | X      | X       |          |           | X      | CLNR 690             |
| CLNR 690            | Research Project I                    | Dr. Holland       | 1            | All core courses, 3.0 required | X      | X       |          |           |        | CLNR 568 or CLNR 606 |
| CLNR 691            | Research Project II                   | Full-Time Faculty | 2            | 690                            | X      | X       | X        | X         | X      |                      |
| CLNR 694            | Research Project III                  | Full-Time Faculty | 2            | 691                            | X      | X       | X        | X         | X      |                      |
| CLNR 695            | Research Project IV                   | Full-Time Faculty | 2            | 694                            | X      | X       | X        | X         | X      |                      |

Course offerings are anticipated and Subject to Change. Sufficient enrollment for each course is required.

**ELECTIVE COURSES**

| Course # | Title                                     | Credit Hours | Pre-Reqs                 |
|----------|-------------------------------------------|--------------|--------------------------|
| CLNR 504 | Special Research in CR*                   | 1-2*         | N/A                      |
| CLNR 527 | International Clinical Trials             | 2            | N/A                      |
| CLNR 529 | Epidemiology                              | 2            | CLNR 505 & 518           |
| CLNR 539 | Medical Genomics                          | 2            | N/A                      |
| CLNR 541 | Behavioral Medicine                       | 2            | N/A                      |
| CLNR 550 | Intro to Public Health                    | 2            | N/A                      |
| CLNR 555 | Special Pops in Clinical Research         | 2            | N/A                      |
| CLNR 560 | Pharmacoeconomics                         | 2            | N/A                      |
| CLNR 562 | Preclinical Drug Development              | 2            | CLNR 505 & 515           |
| CLNR 573 | Evidence-Based Medicine                   | 2            | CLNR 505, 518 & 566      |
| CLNR 574 | Integrated Drug Safety                    | 2            | N/A                      |
| CLNR 581 | Pharmaceutical Compliance & QA            | 2            | CLNR 505, 515, 530 & 559 |
| CLNR 593 | Leadership Development                    | 2            | N/A                      |
| CLNR 595 | Bioterrorism & Mass Public Health Threats | 2            | N/A                      |