

\* denotes required courses for certificate and MCR

| Course #   | Title   | Course Director                            | Credits              | Duration          | Day    | Dates   | Time       | Location      | Notes  | Cost **         |
|--|---|--|----------------------|-------------------|--------|---|------------|---------------|--|-----------------|
| <b>FALL TERM</b>   |   |  |                      |                   |        |   |            |               |  |                 |
|  | HIP Orientation   | C. Morris                                  |                      | half-day          | Fri    | 9/26  | 8:30-12:00 | Off campus    | Mandatory for all certificate and MCR students, highly recommended for non-degree participants | No tuition      |
| HIP 510*   | Introduction to Clinical Research   | C. Morris                                  | 1.0                  | online            |        | 9/30-12/19  |            | Online        |  | No tuition      |
| HIP 511*   | Clinical Research Design I  | C. Morris, A. Laird, J. Stull, R. Cloutier | 2.0                  | 11 wks            | Tue    | 9/30-12/9<br>(no class 11/4 or 12/16)   | 4:30-6:30  | BICC 124      | No class when HIP 511A meets   | No tuition      |
| HIP 511A*  | Proposal Development  | C. Morris                                  | 1.0                  | 2 wks             | Tue    | 2 sessions, 11/4 and 12/16  | 4:30-6:30  | TBA           | Must be enrolled in HIP 511/No auditors  | No tuition      |
| HIP 514*   | Molecular and Cellular Approaches to Disease                                | C. Masten                                  | 2.0                  | 7 wks             | Wed    | 10/1-11/12  | 4:30-6:30  | BICC 124      |  | No tuition      |
| HIP 516*   | Protection of Human Subjects  | K. Schuff                                  | 1.0                  | 4 wks             | Wed    | 11/19-12/17 (no class 11/26)  | 4:30-6:30  | BICC 124      |  | No tuition      |
| HIP 527  | Systematic Review   | M. McDonagh                                | 2.0                  | 8 wks             | Tue    | 9/30-11/18  | 4:30-6:30  | BICC 513W     | Prereqs: HIP 511, 512, 513   | Tuition applies |
| HIP 530  | Leadership Skills for Team Science  | N. Steckler                                | 2.0                  | 2 wks             |        | Fri 10/17, 4:00-8:00pm; Sat 10/18, 9:00-1:00;<br>Fri 11/7, 3:00-7:00pm; Sat 11/8, 9:00-1:00 |            | MacHall 2201  | Limited enrollment   | Tuition applies |
| <b>WINTER TERM</b>   |   |  |                      |                   |        |   |            |               |  |                 |
| HIP 512*   | Clinical Research Design II   | C. Morris, A. Laird, J. Stull, R. Cloutier | 2.0                  | 11 wks            | Tue    | 1/6-3/10<br>(no class 1/20, 2/17, 3/17)   | 4:30-6:30  | BICC 124      | Prereqs: HIP 511<br>No class when HIP 511A meets   | No tuition      |
| HIP 511A*  | Proposal Development  | C. Morris                                  | 1.0                  | 2 wks             | Tue    | 3 sessions, 1/20, 2/17, 3/17  | 4:30-6:30  | TBA           | Must be enrolled in HIP 512/ No auditors   | No tuition      |
| HIP 517*   | Scientific Writing and Data Presentation                                    | P. Carney, R. Dresbeck                     | 1.5                  | 6 wks             | Wed    | 1/7-2/11  | 4:30-6:30  | BICC 124      |  | No tuition      |
| HIP 507A*  | Evidence-based Medicine Seminar   | M. Berlin, P. Gorman                       | 2.0 = 1.5<br>W/0.5 S | 8 wks             | Wed    | 2/18-4/15 (no class 3/25)   | 4:30-6:30  | BICC 124      | Prereqs: HIP 511, 512, 513; No auditors  | No tuition      |
| HIP 528  | Applied Biostatistics I   | M. Marino                                  | 3.0                  | 11 wks            | Mon    | 1/5-3/16<br>(no class 1/19 or 2/16)   | 4:00-7:00  | BICC 124      | Prereqs: HIP 511, 512, 513<br>Limited enrollment   | Tuition applies |
| HIP 531  | Best Practices in Project Management  | J. Oltmann                                 | 2.0                  | 2 wks             |        | Fri 1/16, 3:00-7:00pm; Sat 1/17, 9:00-1:00;<br>Fri 1/30, 3:00-7:00pm; Sat 1/31, 9:00-1:00   |            | MacHall 2201  | Limited enrollment   | Tuition applies |
| HIP 535  | Patient-Centered Outcomes and Comparative Effectiveness Research Principles | JM. Guise, M. Helfand                      | 2.0                  | 8 WKS             | Thurs  | 1/15-3/5  | 4:00-6:00  | BRB 703       | Prereqs: HIP 511, 512, 513; Limited Enrollment   | No tuition      |
| <b>SPRING TERM</b>   |   |  |                      |                   |        |   |            |               |  |                 |
| HIP 513*   | Clinical Research Design III  | C. Morris, A. Laird, J. Stull, R. Cloutier | 2.0                  | 11 wks            | Tue    | 4/7 - 6/16<br>(no class 5/5)  | 4:30-6:30  | BICC 124      | Prereqs: HIP 511, 512<br>No class when HIP 511A meets  | No tuition      |
| HIP 511A*  | Proposal Development  | C. Morris                                  | 1.0                  | 2 wks             | Tue    | 1 session, 5/5  | 4:30-6:30  | TBA           | Must be enrolled in HIP 513; No auditors   | No tuition      |
| HIP 522  | Fundamentals of RCTs  | C. Morris                                  | 1.5                  | 6 wks             | Wed    | 4/22-5/27   | 4:30-6:30  | BICC 124      | Prereqs: HIP 511, 512, 513   | No tuition      |
| HIP 523  | Computerized Data Management  | R. Schuff                                  | 1.5                  | 6 wks             | Wed    | 4/29-6/3<br>(no class 4/22)   | 4:30-6:30  | BICC 120, 121 |  | No tuition      |
| HIP 529  | Applied Biostatistics II  | M. Marino                                  | 3.0                  | 11 wks            | Mon    | 3/30-6/15<br>(no class 5/25)  | 4:00-7:00  | BICC 124      | Prereqs: HIP 511, 512, 513, 528;<br>Limited enrollment   | Tuition applies |
| HIP 532  | Understanding and Managing Academic Organizations                           | N. Steckler                                | 2.0                  | 4 wks             | Thurs  | TBA, four 4-hour sessions   | 3:00-7:00  | MacHall 2201  | Limited enrollment   | Tuition applies |
| <b>SUMMER TERM (Academic Year 2015-16)</b>   |   |  |                      |                   |        |   |            |               |  |                 |
| HIP 520  | Medical Informatics   | W. Hersh                                   | 2.0                  | 6 wks             | Online | TBA   |            | Online        |  | Tuition applies |
| HIP 533  | Community Based Research  | S. Saha                                    | 2.0                  | 4 wks             | TBA    | TBA   | TBA        | TBA           | Limited enrollment   | Tuition applies |
| <b>EACH TERM</b>   |   |  |                      |                   |        |   |            |               |  |                 |
| HIP 526*   | Capstone  | C. Morris                                  | 1.0-6.0              |                   | NA     | Each term   | NA         | NA            | Cert, MCR only   | No tuition      |
| HIP 512A   | Biostatistics Lab   | A. Laird                                   | 1.0                  | 2 4-hour sessions |        | TBA, one Fri PM/Sat AM session  |            | TBA           | Program permission   | No tuition      |
| ** Core courses and some electives are tuition-free. A University Fee of \$48 per term applies. Additional fees are assessed when taking 9 or more credits. See HIP web site for more information. |   |  |                      |                   |        |   |            |               |  |                 |