

Track two: Diagnostic hematology.

| Level | Course Code | Course Title | Required or Elective | Pre-Prerequisite Courses | Credit Hours | Type of requirements (Institution, College, or Program) |
|---------|-------------|---|----------------------|----------------------------------|--------------|--|
| Level 1 | 373500-4 | Principles of Molecular & Cellular Biology | Required | - | 4 | Program |
| | 373503-2 | Biostatistics and Data Interpretation | Required | - | 2 | Program |
| | 373551-3 | Research Methodology | Required | - | 3 | Program |
| | 373504-2 | Advanced Laboratory Management and Operation | Required | - | 2 | Program |
| Level 2 | 373543-4 | Advanced Red Blood Disorders | Required | - | 4 | Program |
| | 373554-3 | Advanced Automation in Hematology | Required | - | 3 | Program |
| | 373544-4 | Advanced White Blood Cells Disorders | Required | - | 4 | Program |
| | 373508-2 | Research Methods I: (Building a proposal) | Required | 373551-3 | 2 | Program |
| Level 3 | 373546-4 | Advanced Hemostasis Disorders | Required | - | 4 | Program |
| | 373552-5 | Approaches in diagnosis and Management of Blood Disorders | Required | - | 5 | Program |
| | 373509-2 | Research Methods II: Implementation of Research Plan | Required | 373508-2 | 2 | Program |
| Level 4 | 373553-4 | Clinical Investigative Studies in Hematology | Required | 373543-4 373544-4 373546-4 | 4 | Program |
| | 373525-4 | Clinical Practice | Required | - | 4 | Program |
| | 373522-3 | Student project | Required | 373509-2 | 3 | Program |