

MILLIKIN UNIVERSITY
[B.S Degree - Biology: Pre-Professional, Pre-Health 1] - 8 Semester Plan

| Semester #1 | Term: | Hours | Spg/Fall/Evry | Semester #2 | Term: | Hours | Spg/Fall/Evry |
|---|--------------|--------------|---------------|--|--------------|--------------|---------------|
| BI 105/155: Ecology and Evolution & Lab | | 4 | | BI 205 Cell Biology & Lab | | 4 | |
| CH 121/151: Gen Chem & Intro Chem Lab I | | 4 | | CH 122: Gen Chem II (or CH 232 Analytical Chem) | | 3 | |
| CO 200: Public Speaking | | 3 | | CH 152: Introductory Chem Lab II | | 1 | |
| IN 140: University Seminar | | 3 | | MA 115 Trigonometry or MA140: Calculus I | | 3 or 4 | |
| IN 180: University Writing | | 3 | | Fine Arts | | 3 | |
| | | | | ___ ___ : Elective | | 3 | |
| Semester Total | | 17 | | Semester Total | | 17 | |
| Cumulative Total | | 17 | | Cumulative Total | | 34 | |
| Semester #3 | Term: | Hours | Spg/Fall/Evry | Semester #4 | Term: | Hours | Spg/Fall/Evry |
| BI 200: Genetics with Lab | | 4 | | BI ___ : Biology Content Category | | 4 | |
| CH 301/251: Organic Chemistry & Intermed Chem Lab I | | 4 | | CH 302/252: Organic Chem II & Intermed Chem Lab II | | 4 | |
| IN 250: US Cultural Studies | | 3 | | IN 251: US Structural Studies | | 3 | |
| IN 280: Writing in the Disciplines | | 3 | | ___ ___ : Elective (or 3 credits) | | 4 | |
| | | | | | | | |
| Semester Total | | 14 | | Semester Total | | 15 | |
| Cumulative Total | | 48 | | Cumulative Total | | 63 | |
| Semester #5 | Term: | Hours | Spg/Fall/Evry | Semester #6 | Term: | Hours | Spg/Fall/Evry |
| BI ___ : Biology Content Category (or 3 credits) | | 4 | | BI ___ : Biology Content Category | | 4 | |
| CH 331: Biochemistry | | 3 | | BI 240: Analysis of Biological Data | | 4 | |
| ICS ___ : International Cultures & Structures I | | 3 | | ICS ___ : International Cultures & Structures II | | 3 | |
| IN 350: Global Studies | | 3 | | PY 112/172: College PY II & Physics Lab II | | 4 | |
| PY 111/171: College PY I & Physics Lab I | | 4 | | | | | |
| | | | | | | | |
| Semester Total | | 17 | | Semester Total | | 15 | |
| Cumulative Total | | 80 | | Cumulative Total | | 95 | |
| Semester #7 | Term: | Hours | Spg/Fall/Evry | Semester #8 | Term: | Hours | Spg/Fall/Evry |
| BI ___ : Biology Content Category (or 3 credits) | | 4 | | BI 482: Senior Seminar | | 1 | |
| BI 391: Research | | 1 | | BI ___ : Biology Content Category | | 4 | |
| EN ___ : Literature (or Elective (or 4 credits)) | | 3 | | HS ___ : Historical Studies | | 4 | |
| ___ ___ : Elective (or 3 credits) | | 4 | | ___ ___ : Elective | | 3 | |
| ___ ___ : Elective | | 3 | | ___ ___ : Elective | | 3 | |
| | | | | | | | |
| Semester Total | | 15 | | Semester Total | | 15 | |
| Cumulative Total | | 110 | | Cumulative Total | | 125 | |