

**Clinical Laboratory Sciences: Clinical Science Option
(For Students entering Fall 2011 and beyond)**

| Freshman Year/Fall Semester | | Cr. | Freshman Year/Spring Semester | | Cr. |
|------------------------------------|---------------------------------------|------------|--------------------------------------|-----------------------------------|--------------|
| ___35.101 | Human Anatomy & Physiology I | 3 | ___35.102 | Human Anatomy & Phys. II | 3 |
| ___35.103 | Human Anatomy & Phys. I Lab | 1 | ___35.104 | Human Anatomy & Phys II Lab | 1 |
| ___42.101 | College Writing I (Gen. Ed.) | 3 | ___31.201 | Community Health & Environment | 3 |
| ___47.101 | General Psychology (Gen. Ed.) SS | 3 | ___42.102 | College Writing II (Gen. Ed.) | 3 |
| ___48.101 | Intro. to Sociology (Gen. Ed.) SS,D,E | 3 | ___92.121 | Pre-calculus Math (Gen. Ed. Math) | 3/4 |
| ___92.283 | Intro. to Statistics | <u>3</u> | ___92.131 | OR Calculus I | |
| | | 16 | ___ . . . | (Gen. Ed.) Arts/Humanities Elec. | <u>3</u> |
| | | | | | 16/17 |

| Sophomore Year/Fall Semester | | Cr. | Sophomore Year/Spring Semester | | Cr. |
|-------------------------------------|---------------------------------------|------------|---------------------------------------|---------------------------------|--------------|
| ___35.211 | Basic Clinical Micro & Pathology | 3 | ___36.341 | Organic React. & Structure | 3 |
| ___35.213 | Basic Clinical Micro. & Pathology Lab | 1 | ___36.343 | Organic React. & Struc. Lab | 1 |
| ___35.251 | Physiological Chemistry I | 3 | ___35.252 | Physiological Chem. II | 3 |
| ___35.253 | Physiological Chemistry I Lab | 1 | ___35.254 | Physiological Chem. II Lab | 1 |
| ___ | Free Elective | 3 | ___ | Free Elective | 3 |
| ___ . . . | (Gen. Ed.) Arts/Humanities Elec. | <u>3</u> | ___ . . . | (Gen. Ed.) Social Science Elec. | <u>3</u> |
| | | 14 | | | 14/15 |

| Junior Year/Fall Semester | | Cr. | Junior Year/Spring Semester | | Cr. |
|----------------------------------|-----------------------------------|------------|------------------------------------|-----------------------------------|------------|
| ___36.321 | Clinical Hematology | 3 | ___36.311 | Medical Bacteriology | 3 |
| ___35. . . | Clinical Science Specialization** | 3 | ___35. . . | Clinical Science Specialization** | 3 |
| ___36.350 | Human Biochemistry | 3 | ___36.331 | Clinical Immunology | 3 |
| ___36.361 | Clinical Lab Instrumentation | 3 | ___36.351 | Clinical Chemistry I | 3 |
| ___36.363 | Clinical Lab Instrumentation Lab | 2 | ___36.353 | Clinical Chemistry I Lab | 2 |
| ___ . . . | (Gen. Ed.) Arts/Humanities Elec. | <u>3</u> | ___36.493 | MT/CL Directed Studies | <u>3</u> |
| | | 17 | | | 17 |

| Senior Year/Fall Semester | | Cr. | Senior Year/Spring Semester | | Cr. |
|----------------------------------|-----------------------------------|------------|------------------------------------|-----------------------------------|------------|
| ___36.452 | Clinical Chemistry II | 3 | ___36.484 | Senior Research II | 2 |
| ___36.483 | Senior Research I | 2 | ___35.435 | Medical & Clinical Genetics | 3 |
| ___ . . . | Clinical Science Specialization** | 3 | ___ . . . | Clinical Science Specialization** | 3 |
| ___ . . . | Clinical Science Specialization** | 3 | ___ . . . | Free Elective | 3 |
| ___ . . . | Free Elective | <u>3</u> | ___ . . . | Free Elective | <u>3</u> |
| | | 14 | | | 14 |

Minimum Total Credits = 120

Refer to the General Education Program Course Website: <http://www.uml.edu/gened/courses.html> for General Education requirements.

**Clinical Science Specialization: Student must complete at least 15 credits of clinical science courses from an approved list.

Note: All students must come for Pre-registration Advising every semester.