

APPENDIX A - DMU Course Requirements

Area of Concentration - 3 Years DMU Pharmacy

Years I, II, III

- Ideology and Moral Cultivation and Law Foundation (3 credits)
- College English I (4.5 credits)
- Advanced Mathematics (4 credits)
- Inorganic Chemistry and Physical Chemistry (5.5 credits)
- Principle of Marxist Philosophy (3 credits)
- College English II (4 credits)
- Computer Applications (4 credits)
- College English III (4.5 credits)
- Analytical Chemistry (3.5 credits)
- Organic Chemistry (5.5 credits)
- Human Anatomy (1.5 credits)
- Biochemistry (5 credits)
- Experiments of Biochemistry (1.5 credits)
- Instrumental Analysis (4.5 credits)
- College English IV (5 credits)
- Physiology (3 credits)
- Medical Microbiology (2 credits)
- Spectrum Analysis (2.5 credits)
- Natural Medicine Chemistry (6.5 credits)
- College English V (2 credits)
- Cytobiology (4.5 credits)
- Medical Immunology (2.5 credits)
- Pharmacology (5.5 credits)
- Medicinal Chemistry (6 credits)
- Medical Statistics (2.5 credits)
- Genetic Engineering (2.5 credits)
- Cell and Tissue Culture Theory and Technique (3 credits)
- Medical Physics* (3 credits, offered as part of DMU Clinical Pharmacy program)

Area of Concentration - 3 Years DMU Clinical Pharmacy

Years I, II, III

- Ideology and Moral Cultivation and Law Foundation (3 credits)
- College English I (4.5 credits)
- Advanced Mathematics (4 credits)
- Inorganic Chemistry and Physical Chemistry (5.5 credits)
- Medical Physics (3 Credits)
- Principle of Marxist Philosophy (3 credits)
- College English II (4 credits)

- Computer Applications (4 credits)
- Analytical Chemistry (3.5 credits)
- Organic Chemistry (5.5 credits)
- College English III (4.5 credits)
- Human Anatomy (4 credits)
- Biochemistry (5 credits)
- Experiments of Biochemistry (1.5 credits)
- Histoembryology (2 credits)
- Molecular Biology (4 credits)
- Medical Genetics (4.5 credits)
- College English IV (5 credits)
- Physiology (3 credits)
- Medical Immunology (2.5 credits)
- Medical Microbiology (2 credits)
- Instrumental Analysis (3.5 credits)
- Medicinal Chemistry (6 credits)
- College English V (2 credits)
- Medical Imageology (1.5 credits)
- Pathophysiology (2 credits)
- Pathology (3.5 credits)
- Natural Medicine Chemistry (6.5 credits)
- Pharmacology (5.5 credits)
- Medical Statistics (2.5 credits)
- Clinical Pharmacology (3 credits)