

DOCTOR OF PHARMACY / MASTER OF SCIENCE IN LEADERSHIP

Designed to maximize graduates' development of their leadership strengths, The PharmD/M.S.L. allows students the opportunity to complete M.S.L. coursework in place of elective coursework within the pharmacy curriculum. Students begin at Drake in pharmacy and apply to the School of Education during their first professional year.

Graduates of this program will also learn about opportunities for developing leadership capacity in others, making this an excellent pathway for pharmacy students interested in pursuing management roles, positions of leadership, or academic careers. Graduates can expect to master relational competencies including effective communication, inspiring and involving others, intercultural intelligence, and interpersonal relationships.

This dual degree option prepares pharmacy students for successful careers in a variety of health care and academic settings.

Students who pursue this program should expect to master competencies that include adaptability, critical thinking and decision making, integrity and ethics, professionalism and strategic thinking.

| Code | Title | Hours |
|---------------------|---|-------|
| BIO 012 & 012L | GENERAL/PRE-PROFESSIONAL BIOLOGY I and GENERAL/PRE-PROFESSIONAL BIOLOGY I LAB | 4 |
| BIO 095 | MEDICAL MICROBIOLOGY | 3 |
| CHEM 001 & CHEM 003 | GENERAL CHEMISTRY I and GENERAL CHEMISTRY I LAB | 4 |
| CHEM 002 & CHEM 004 | GENERAL CHEMISTRY II and GENERAL CHEMISTRY II LAB | 4 |
| CHEM 097 & CHEM 098 | ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY I LAB | 4 |
| CHEM 108 & CHEM 110 | ORGANIC CHEMISTRY II and ORGANIC CHEMISTRY II LAB | 4 |
| ENG 052 | PUBLIC VOICES | 3 |
| FYS 0-- | First Year Seminar | 3 |
| HSCI 060 | STATISTICS IN HEALTH SCIENCES | 3 |
| HSCI 141 & 141L | HUMAN ANATOMY and HUMAN ANATOMY LAB | 4 |
| MATH 050 | CALCULUS I | 3 |
| PHAR 011 | CAREER, ACADEMIC, AND PROFESSIONAL SUCCESS (CAPS) I: COLLEGE CONNECTIONS | 1 |
| PHAR 031 | CAREER, ACADEMIC, AND PROFESSIONAL SUCCESS (CAPS) II: COMMUNITY CONNECTIONS | 1 |
| PHAR 051 | CAREER, ACADEMIC, AND PROFESSIONAL SUCCESS (CAPS) III: PROFESSIONAL CONNECTIONS | 0.5 |
| PHAR 071 | CAREER, ACADEMIC, AND PROFESSIONAL SUCCESS (CAPS) IV: CAREER CONNECTIONS | 0.5 |
| PHAR 122 | CONTINUING PROFESSIONAL DEVELOPMENT I | 1 |
| PHAR 123 | CONTINUING PROFESSIONAL DEVELOPMENT II | 1 |
| PHAR 125 | PHYSIOLOGY | 4 |

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| PHAR 130 | BIOCHEMISTRY | 4 |
| PHAR 131 | INTRODUCTION TO PHARM SCIENCES | 3 |
| PHAR 132 & 132D | PATHOPHYSIOLOGY and PATHOPHYSIOLOGY DISCUSSION | 4 |
| PHAR 133 & 133D | PRINCIPLES OF DRUG ACTION I and PRINCIPLES OF DRUG ACTION I DISCUSSION | 5 |
| PHAR 134 & 134D | PRINCIPLES OF DRUG ACTION II and PRINCIPLES OF DRUG ACTION II DISCUSSION | 5 |
| PHAR 135 & 135D | PRINCIPLES OF DRUG ACTION III and PRINCIPLES OF DRUG ACTION III DISCUSSION | 4 |
| PHAR 138 | PHARMACEUTICAL CALCULATIONS | 2 |
| PHAR 140 | PHARMACEUTICS I | 2 |
| PHAR 141 | PHARMACEUTICS II | 3 |
| PHAR 142 | BASIC PHARMACOKINETICS | 3 |
| PHAR 143 | THERAPEUTIC DRUG MONITORING | 2 |
| PHAR 144 | BASIC PHARMACY SKILLS AND APPLICATIONS I | 2 |
| PHAR 145 | BASIC PHARMACY SKILLS AND APPLICATIONS II | 2 |
| PHAR 149 | IMMUNIZATIONS | 1 |
| PHAR 154 | INTERMEDIATE PHARMACY SKILLS AND APPLICATIONS I | 2 |
| PHAR 155 | INTERMEDIATE PHARMACY SKILLS AND APPLICATIONS II | 2 |
| PHAR 162 | PHARMACY LAW AND ETHICS | 3 |
| PHAR 167 | CONTINUING PROFESSIONAL DEVELOPMENT III | 1.5 |
| PHAR 168 | CONTINUING PROFESSIONAL DEVELOPMENT IV | 1.5 |
| PHAR 169 | SELF CARE AND NON-PRESCRIPTION THERAPIES | 3 |
| PHAR 171 | HEALTH CARE SYSTEMS AND POLICIES | 3 |
| PHAR 172 | LITERATURE IN EVALUATION METHODS | 3 |
| PHAR 173 | APPLIED SOCIAL AND ADMINISTRATIVE PHARMACY | 3 |
| PHAR 174 | MANAGEMENT IN PHARMACY | 3 |
| PHAR 175 | CONTINUING PROFESSIONAL DEVELOPMENT V | 2 |
| PHAR 176 | CONTINUING PROFESSIONAL DEVELOPMENT VI | 2 |
| PHAR 184 | ADVANCED PHARMACY SKILLS AND APPLICATIONS I | 2 |
| PHAR 185 | ADVANCED PHARMACY SKILLS AND APPLICATIONS II | 2 |
| PHAR 190 | THERAPEUTICS I | 3 |
| PHAR 191 | THERAPEUTICS II | 5 |
| PHAR 192 | THERAPEUTICS III | 5 |
| PHAR 285 | EXPERIENTIAL ROTATION BLOCK | 22 |
| PHAR 285 | EXPERIENTIAL ROTATION BLOCK | 18 |
| LEAD 2XX MSL Coursework | | 21 |
| General Electives | | 20 |
| Written Communication AOI | | 3 |
| Total Hours | | 220 |

A total of 210 credits are required to complete the pharmacy degree.

Professional electives required by the PharmD program (5 credits) will be fulfilled by M.S.L. coursework.

- PHAR 174 MANAGEMENT IN PHARMACY can be substituted for LEAD 201 INSIGHTFUL LEADERSHIP. NAVIGATING SELF AND OTHERS FOR OPTIMAL SUCCESS
- PHAR 172 LITERATURE IN EVALUATION METHODS can be substituted for LEAD 205 INTEGRATED DATA KNOWLEDGE: DECISION-MAKING, VISUALIZATION & IMPACTFUL REPORTING
- PHAR 173 APPLIED SOCIAL AND ADMINISTRATIVE PHARMACY can be substituted for LEAD 210 LEADERSHIP AND COMMUNITY CAPSTONE EXPERIENCE

General Electives:

Students complete the Drake Curriculum requirements and other credits for a total of 20 credits. Drake Curriculum requirements not fulfilled through required coursework are the Artistic Literacy, Historical Foundations, and Global and Cultural Understanding AOs. MSL coursework will count towards the general elective requirement.

Professional Electives:

Five (5) professional elective credits are satisfied by MSL coursework.

Students will typically apply for admission to the M.S.L. program during the spring of the P1 year. Additional information, including the admission process, can be obtained at <http://www.drake.edu/leadership/>. (<http://www.drake.edu/leadership/>)

The admission process and criteria area listed on the MSL program website: <http://drake.edu/soe/admission/>.

There is a 5-year time limit for completing the M.S.L. degree from the date of admission to the M.S.L. program.