

MS, PHARMACEUTICAL SCIENCES/PHARMD DUAL DEGREE

M.S., Pharmaceutical Sciences/Pharm.D. Dual Degree program

The general requirements of the Graduate School Catalog listed under Administration and Policies Governing Graduate Study must be met. Courses can be selected from the list below or from related subjects, according to the needs of the student. To qualify for the degree, the student must earn at least 33 semester hours of graduate credit beyond the baccalaureate. The student must maintain a B (3.0) average grade throughout the graduate program.

Admission Requirements for the Pharm D/MS, Pharmaceutical Sciences dual degree program

1. A bachelor's degree* or its equivalent from an accredited college or university.
2. Apply for and enroll in the Doctor of Pharmacy program at Creighton University.
3. Students who are in the PharmD program must be admitted into the Graduate School in order to participate in the joint Pharm.D./M.S. program in pharmaceutical sciences (see Graduate School admission requirement (<https://www.creighton.edu/graduate/admissions/how-apply/>)).
4. An overall GPA of 3.0 and the GRE score are required for all applicants.
5. The Graduate School requires all students from countries in which English is not the native language to demonstrate competence in English by obtaining either a minimum overall TOEFL (Test of English as a Foreign Language) score of 90 (no sub score lower than 20) or IELTS (International English Language Testing System) academic version band score of 6.5 (no sub-score lower than 6).

The following specific additional requirements must be met by a Pharm D student (without a BS degree) applying for admission to Pharm D/MPS dual program:

Complete two years of Pharm D curriculum with an overall GPA of 3.5 or higher.

1. A letter of support from a graduate faculty willing to mentor the applicant and supervise his/her graduate thesis research.
2. A letter of support from the academic advisor evaluating applicant's ability for taking additional courses needed for MPS degree.
3. A letter from applicant describing the research interest and plan for success.

Special Requirements

The following requirements are applicable to students enrolled in the PharmD/M. program:

1. A maximum of three credit hours of seminar and a maximum of eight credit hours of thesis can be applied toward the MS degree.
2. Not more than 11 credit hours of PharmD courses can be applied toward the MS degree.

3. A minimum of 22 credit hours must be earned in courses that are not listed as required courses for the PharmD degree.
4. A minimum of 33 credit hours is required for graduation.
5. A typical plan of study consists of the following:

| Code | Title | Credits |
|---|--|-----------|
| Dual Credit PharmD Courses | | 11 |
| Students select 11 credits from the following: | | |
| MPS 621 | Health Systems and Patient Safety | |
| or PHA 321 | Health Systems and Patient Safety | |
| MPS 531 | Chemical Basis Drug Action I | |
| or PHA 337 | The Chemical Basis of Drug Action I | |
| MPS 532 | Chemical Basis Drug Action II | |
| or PHA 447 | Chemical Basis of Drug Action II | |
| MPS 544 | Introduction to Research Methods and Biostatistics | |
| or PHA 350 | Introduction to Research Methods and Biostatistics | |
| PHA 456 | Ethics in the Health Care Professions | |
| PHR 631 | Medical Pharmacology I | |
| or PHR 241 | Pharmacology I | |
| PHR 632 | Medical Pharmacology II | |
| or PHR 242 | Pharmacology II | |
| Electives | | 11 |
| Select a minimum of 11 graduate elective credits depending on your area of emphasis and nature of thesis research work. See suggestions on M.S. degree listing. | | |
| Required courses | | |
| Seminar Course | | 3 |
| MPS 691 | Pharmaceutical Science Seminar | |
| MPS 792 | Pharmaceutical Sciences Discussion Series | |
| MPS 793 | Pharmaceutical Sciences Presentation Series | |
| Thesis | | 8 |
| MPS 799 | Master's Thesis | |
| Total Credits | | 33 |