**POZNAN UNIVERSITY OF MED SCIENCES**

← Go back6-year Pharm.D. Program - 2012/2013
*Year 1*

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| **Course name** | **Hours** | **Pass/Fail** | **Department** |
| [BIOPHYSICS](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=340) | 30 | pass/fail |  |
| [BIOLOGY & BOTANY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=362) | 150 | exam |  |
| [MATHEMATICS & STATISTICS](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=363) | 60 | pass/fail |  |
| [FIRST AID](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=364) | 15 | pass/fail |  |
| [GENERAL CHEMISTRY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=365) | 150 | exam |  |
| [POLISH LANGUAGE](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=366) | 60 | pass/fail |  |
| [PHYSICAL TRAINING](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=367) | 60 | pass/fail |  |
| [MEDICAL ANATOMY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=368) | 30 | pass/fail |  |
| [HISTORY OF PHARMACY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=369) | 15 | pass/fail |  |
| [PRE-STUDY COURSE 2012](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=446) | 0 | pass/fail |  |

6-year Pharm.D. Program - 2012/2013
*Year 2*

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| **Course name** | **Hours** | **Pass/Fail** | **Department** |
| [CHEMICAL, INSTRUMENTAL & PHARMACEUTICAL ANALYSIS](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=370) | 180 | exam |  |
| [ORGANIC CHEMISTRY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=371) | 210 | exam |  |
| [PHYSICAL CHEMISTRY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=372) | 105 | exam |  |
| [MICROBIOLOGY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=373) | 90 | exam |  |
| [COMPUTER APPLICATION TO PHARMACY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=374) | 30 | pass/fail |  |
| [POLISH LANGUAGE](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=375) | 60 | pass/fail |  |

6-year Pharm.D. Program - 2012/2013
*Year 3*

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| **Course name** | **Hours** | **Pass/Fail** | **Department** |
| [PHARMACOLOGY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=376) | 100 | pass/fail |  |
| [PHARMACOGNOSY & NATURAL DRUGS](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=377) | 50 | exam |  |
| [INTRODUCTION TO APPLIED PHARMACY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=378) | 60 | pass/fail |  |
| [PHYSIOLOGICAL AND PATHOPHYSIOLOGICAL BASIS FOR THERAPEUTICS](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=379) | 150 | exam |  |
| [PHARMACEUTICAL TECHNOLOGY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=380)  | 170 | exam |  |
| [PATIENT CARE LABORATORY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=381) | 50 | pass/fail |  |
| [HYGIENE & EPIDEMIOLOGY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=382) | 30 | pass/fail |  |
| [BIOCHEMISTRY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=384) | 105 | exam |  |
| [MOLECULAR BIOLOGY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=385) | 30 | pass/fail |  |
| [BIOTECHNOLOGY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=386) | 30 | pass/fail |  |

6-year Pharm.D. Program - 2012/2013
*Year 4*

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| **Course name** | **Hours** | **Pass/Fail** | **Department** |
| [Clinical Nutrition and Health Promotion](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=318) | 70 | exam |  |
| [PHARMACOLOGY III + PHARMACOLOGY IV](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=392) | 100 | exam |  |
| [MEDICAL CHEMISTRY I + MEDICAL CHEMISTRY II](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=393) | 220 | exam |  |
| [IMMUNOLOGY & ONCOLOGY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=394) | 30 | pass/fail |  |
| [EVIDENCE BASE FOR PHARMACY PRACTICE](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=395) | 60 | pass/fail |  |
| [CLINICAL NUTRITION AND HEALTH PROMOTION](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=396) | 70 | exam |  |
| [COMMUNICATION, BEHAVIOR AND ETHICS IN PHARMACY PRACTICE](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=397) | 30 | pass/fail |  |
| [PATIENT CARE LABORATORY III + PATIENT CARE LABORATORY IV](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=398) | 15 | pass/fail |  |
| [TOXICOLOGY](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=399) | 80 | exam |  |
| [PUBLIC HEALTH](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=400) | 20 | pass/fail |  |
| [ADVANCED PHARMACOTHERAPY I](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=401) | 85 | pass/fail |  |
| [PHARMACOKINETICS](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=402) | 35 | exam |  |

6-year Pharm.D. Program - 2012/2013
*Year 5*

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| **Course name** | **Hours** | **Pass/Fail** | **Department** |
| [Patient Care Laboratory V + Patient Care Laboratory VI](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=475) | 0 | pass/fail |  |
| [Advanced Pharmacotherapy II + Advanced Pharmacotherapy III + Advanced Pharmacotherapy IV](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=476) | 0 | pass/fail |  |
| [Pharmaceutical Law (incl. Legal and Access Issues)](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=477) | 0 | pass/fail |  |
| [Applied Biopharmaceutics](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=478) | 0 | pass/fail |  |
| [Pharmacoeconomics and Pharmacy Management](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=479) | 45 | pass/fail |  |
| [Methodology for Scientific Research](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=480) | 0 | pass/fail |  |
| [Research Project](http://pums.ump.edu.pl/programs/the-6-year-pharm-d-program/curriculum-overview/?strona=course_info&cid=481) | 0 | pass/fail |  |