Master of Science in Pharmacy Program in
Pharmaceutical Chemistry and Pharmaceutical Phytochemistry

Courses by group

credits

Credits (lecture – practice – self-study)

Plan A1

1. Thesis **12 credits**

PYID 798 Thesis 12 (0-36-0)

Year	Semester 1	Semester
1	PYID 685 Research Methodology in Pharmacy I 2 (2-0-4) **Non-credit** PYID 798 Thesis 6 (0-18-0) **Total credit 6 credits**	PYID 670 Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry I 1 (1-0-2) **Non-credit** PYID 798 Thesis 6 (0-18-0) **Total credit 6 credits**
2	PYID 671 Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry II 1 (1-0-2) **Non-credit** PYID 798 Thesis 12 (0-36-0) **Total credit 12 credits**	PYID 798 Thesis 12 (0-36-0) **Total credit 12 credits**

Courses by group

credits

Credits (lecture – practice – self-study)

Plan A2

1. Required courses **16 credits**

PYID	685	Research Methodology in Pharmacy I	2 (2-0-4)
PYID	670	Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry I	1 (1-0-2)
PYID	671	Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry II	1 (1-0-2)
PYPG	651	Pharmaceutical Phytochemistry I	3 (2-3-5)
PYPG	652	Pharmaceutical Phytochemistry II	3 (2-3-5)
PYPC	657	Drug Design I	3 (2-3-5)
PYPC	639	Advanced Pharmaceutical Analysis I	3 (2-3-5)

2. Elective courses **8 credits**

			Credits (lecture – practice – self-study)
GRID	603	Biostatistics	3 (3-0-6)
PYPC	658	Drug Design II	3 (2-3-5)
PYPC	640	Advanced Pharmaceutical Analysis II	3 (2-3-5)
PYPC	650	Chemical Reactions in Pharmaceutical Analysis	3 (2-3-5)
PYPC	651	Stability of Pharmaceuticals	3 (2-3-5)
PYPC	652	Chemistry of Heterocyclic Drugs	3 (2-3-5)
PYPC	656	Chemometrics in Pharmaceutical Chemistry	3 (2-3-5)
PYPC	662	Advanced Organic Pharmaceutical Chemistry	3 (2-3-5)
PYPC	663	Computer-aided Drug Design and Development	3 (2-3-5)
PYPG	649	Development of Medicinal Plants I	3 (2-3-5)
PYPG	650	Development of Medicinal Plants II	3 (2-3-5)
PYPG	657	Separation Techniques	3 (2-3-5)
PYPG	664	Nuclear Magnetic Resonance Spectroscopy	3 (3-0-6)

3. Thesis **12 credits**

PYRS 698	Thesis	12 (0-36-0)

Study plan (Plan A2)

Year	Semester 1	Semester
1	PYID 685 Research Methodology in Pharmacy I 2 (2-0-4) PYPC 657 Drug Design I 3 (2-3-5) PYPC 639 Advanced Pharmaceutical Analysis I 3 (2-3-5) PYPG 651 Pharmaceutical Phytochemistry I 3 (2-3-5) **Total credit 11 credits**	PYID 670 Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry I 1 (1-0-2) PYPG 652 Pharmaceutical Phytochemistry II 3 (2-3-5) **Elective course 8 credits** **Total credit 12 credits**
2	PYID 671 Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry II 1 (1-0-2) PYID 698 Thesis 6 (0-18-0) **Total credit 7 credits**	PYID 698 Thesis 6 (0-18-0) **Total credit 6 credits**

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