

Appendix B: Pharm.D. /Medicinal Chemistry Ph.D. Curriculum (page 1)

FIRST YEAR

Autumn Quarter

CHEM 530	Advanced Organic Chemistry#	3
CONJ 401	Hum Anatomy/Physiology	4
PCEUT 331	Pceutical Formulation: Principles & Dosage	4
PHARM 309	Quantitative Methods I	3
ELECTIVES		4
TOTAL		18

Winter Quarter

CHEM 531	Advanced Organic Chemistry#	3
CONJ 402	Hum Anatomy/Physiology	4
MEDCH 450	Medicinal Biochemistry I	3
PHARM 304	Profession of Pharmacy	3
PHARM 334	Pharmacy Practice	3
PHARM 439	Community Outreach Service	2
ELECTIVES		
TOTAL		18

Spring Quarter

CHEM 532	Advanced Organic Chemistry#	3
CONJ 403	Hum Anatomy/Physiology	4
MEDCH 401	Immunizing & Antimicrobial Agents	4
MEDCH 451	Medicinal Biochemistry II	3
PHARM 440	Human Behavior & Community Pharmacy	3
ELECTIVES		1
TOTAL		18

SECOND YEAR

Autumn Quarter

MEDCH402	Medicinal Chemistry	3
MEDCH501	Advanced Medicinal Chemistry#	1
PHARM 403	Chem Dependency Concepts	2
PHARM 412	Non-Presc Drug Therapeutics	3
PHARM 543	Pharmacy Laws & Ethics	4
[PHCOL 401	General Pharmacology I]*	3
ELECTIVES		2
TOTAL		18

Winter Quarter

MEDCH403	Medicinal Chemistry	3
MEDCH502	Advanced Medicinal Chemistry#	1
MEDCH527	Advanced Metabolism	4
PCEUT 405	Clinical Pharmacokinetics	5
PHARM 335**	Intro Community Pharmacy Experience	4
[PHCOL 402	General Pharmacology II]	3
TOTAL		20

Spring Quarter

MEDCH401	Medicinal Chemistry	3
MEDCH503	Advanced Medicinal Chemistry#	1
PCEUT 406	Biopharmaceutics/Drug Delivery	3
PHARM 336**	Intro Institutional Pharmacy Experience	3
PHCOL 512	Pharmacology#	2
PHCOL 513	Pharmacology#	2
ELECTIVES		4
TOTAL		18

* The courses listed in the [brackets] are counted as "core graded credits" for both PharmD and PhD degree

**Pharm 335 must be completed by the end of Winter Quarter in the third year. Pharm 336 must be completed by the end of Spring Quarter in the third year.

THIRD YEAR

Autumn Quarter

PHARM 509	Medical Literature Evaluation	2
PHARM 560	Therapeutics I	10
ELECTIVES		6
TOTAL		18

Winter Quarter

PHARM 541	Health Care and Society	3
PHARM 561	Therapeutics II	9
PHCOL 510	Pharmacology#	2
PHCOL 511	Pharmacology#	2
ELECTIVES		2
TOTAL		18

Spring Quarter

MEDCH 541	Mass Spec#	3
PHARM 562	Therapeutics III	9
PHARM 574	Clinical Introductory Practice	1
ELECTIVES		5
TOTAL		18

FOURTH YEAR

PHARM 575, 576, 577 Clinical Practice (5 credits each), 578 (variable credit), 579 (for Geriatric Certificate Students only). Practicums may be scheduled during any quarter.

Students will begin to prepare and take CUMM EXAMS, and MEDCH 600 Independent Study by Spring Quarter

COMPLETION OF PharmD PROFESSIONAL DEGREE PROGRAM

Please note: Summer Quarter prior to starting the program, students must take [Biostats 511#-Medical Biometry I (4)]. Biostat 511 will replace Pharm 479 as a core course. Research electives should be taken each quarter including summer. Medchem 520 and 582 can be taken as elective credits when appropriate. Last updated: November 2007.

Appendix B: Pharm.D. /Medicinal Chemistry Ph.D. Curriculum (page 2)

FIFTH YEAR##

Autumn Quarter

MEDCH 600	Independent Study	10
MEDCH 520	Seminar	1
MEDCH 582	Topics in Med Chem	1
CUM EXAMS		
ELECTIVES		
TOTAL		15

Winter Quarter

MEDCH 600	Independent Study	10
MEDCH 520	Seminar	1
MEDCH 582	Topics in Med Chem	1
CUM EXAMS		
ELECTIVES		
TOTAL		15

Spring Quarter

MEDCH 600	Independent Study	10
MEDCH 520	Seminar	1
MEDCH 582	Topics in Med Chem	1
ELECTIVES		
TOTAL		15

SIXTH YEAR

Autumn Quarter

MEDCH 600	Independent Study	10
MEDCH 520	Seminar	1
MEDCH 582	Topics in Med Chem	1
GENERAL EXAM		
ELECTIVES		
TOTAL		15

Winter Quarter

MEDCH 600	Independent Study	10
MEDCH 520	Seminar	1
MEDCH 582	Topics in Med Chem	1
ELECTIVES		
TOTAL		15

Spring Quarter

MEDCH 800	Dissertation	10
MEDCH 520	Seminar	1
MEDCH 582	Topics in Med Chem	1
ELECTIVES		
TOTAL		15

SEVENTH YEAR

Autumn Quarter

MEDCH 800	Dissertation	10
MEDCH 520	Seminar	1
MEDCH 582	Topics in Med Chem	1
ELECTIVES		
TOTAL		15

Winter Quarter

MEDCH 800	Dissertation	10
MEDCH 520	Seminar	1
MEDCH 582	Topics in Med Chem	1
ELECTIVES		
TOTAL		15

Spring Quarter

MEDCH 800	Dissertation	10
MEDCH 520	Seminar	1
MEDCH 582	Topics in Med Chem	1
Oral Defense		
TOTAL		15

#Required graduate level graded courses that count toward 18 unit required by the UW Graduate School for Ph.D. degree.

##All students are required to enrolled in summer quarter for their Independent Study