

**PCOS Professional Division Curriculum (P1 classes entering Fall 2021 and after)**

<b>PCOS Professional Division Curriculum (P1 classes entering Fall 2021 and after)</b>					
<b>Fifth Term</b>					Pre & Co Req
	PHPR	3010	Pharmaceutical Calculations	2	
	PHPR	3020	Pharmaceutics I	3	
	PHPR	3110	Pharmaceutics Laboratory I	1	Coreqs PHPR 3010, 3020
	PHCL	3700	Pharmacology I	3	
	MBC	3550	Physiological Chemistry I	3	CHEM 2420
	PHPR	3040	Cosmetic Ingredients	2	CHEM 1230, CHEM 1240
	PHPR	2040	Intro to Cosmetic Science <sup>1</sup>	1	CHEM 1230, CHEM 1240
	PSLS	3000	Sales career orientation and management	1	
				<b>16</b>	
<b>Sixth Term</b>					
	PHPR	3030	Pharmaceutics II	3	PHPR 3020, PHPR 3010
	PHPR	3120	Pharmaceutics Laboratory II	1	Coreq PHPR 3030
	MBC	3560	Physiological Chemistry II	3	MBC 3550
	PHPR	4730	Cosmetic Science I	3	PHPR 3040
	PHPR	4740	Cosmetic Science Laboratory I	1	PHPR 3030
	BUAD	3010	Principles of Marketing	3	ECON 1200, MIME 2600
				<b>14</b>	
<b>Seventh Term</b>					
	PHPR	4890	Internship in Cosmetic Science and Formulation Design <sup>2</sup>	<b>3-6</b>	
<b>Eighth Term</b>					
	MBC	3330	Techniques in Pharmaceutical and Medicinal Chemistry	2	
	MBC	3340	Techniques in Pharmaceutical and Medicinal Chemistry Laboratory	1	Coreq MBC 3330
	PHPR	4750	Cosmetic Science II	3	PHPR 4730
	PHPR	4760	Cosmetic Science Laboratory II	1	PHPR 4730, PHPR 4740
	PHPR	4770	Advanced Drug Delivery Systems I	3	PHPR 3020, PHPR 3030
			Cosmetic Science Electives <sup>3</sup>	3	
				<b>13</b>	
<b>Ninth Term</b>					
			Cosmetic Science Electives <sup>3</sup>	<b>10</b>	
	MBC	3860	Microbiology	2	MBC 3550
	PHCL	4160	Biopharmaceutics and Pharmacokinetics	3	
				<b>15</b>	

All requirements listed above must be fulfilled with a minimum of 120 semester hours required for graduation.

<sup>1</sup>If not taken during Preprofessional Division

<sup>2</sup>3 credit hours are required, an additional 1-3 credit hours can be taken, The additional credit hours cannot be used as Cosmetic Science elective hours

<sup>3</sup>See Cosmetic Science elective list

**Cosmetic Science Elective list (must take 13 credits from the list):**

A minimum of 7 credits must come from the following elective courses:

ART	1050	Foundations of 2D Design	3
BIOL	3030	Cell Biology	3
BIOL	3040	Cell Biology Lab	2
CHEM	3730	Physical Chemistry I	3
CHEM	3740	Physical Chemistry II	3
CMPT	2410	Adobe InDesign Desktop Publishing	3
ECON	3240	Environmental Economics	3
ECON	4750	Health Economics	3
HEAL	2800	Principles of Nutrition	3
HEAL	3500	Environmental Health	3
MBC	3310	Medicinal Chemistry I	2
MBC	4380	Medicinal Plants	3
MBC	4400	Cannabis Science Plants Products	3
PHCL	4400	Cannabis Science – Risks & Benefits	3
PHPR	3100	Emulsion Science	1
PHPR	4900	Honors Seminar Pharmacy Practice	1-3
PHPR	4910	Pharmacy Practice Problems	1-5
PHPR	4960	Honors Thesis in Pharmacy Practice	2-5

Up to 6 credits may come from the following courses:

MKTG	3690	Principles of marketing communication	3
MKTG	3850	Buyer and relationship behavior	3
MKTG	4540	Business marketing	3
PSLS	3080	Purchasing business relationships manag	3
PSLS	3440	Professional sales	3
PSLS	3450	Account and territory management	3
PSLS	4710	Sales force leadership	3
PSLS	4740	Advanced sales	3
GNEN	1500	Sustainability Living	3
BUAD	3500	Sustainable Business Practices	3
PHIL	3180	Environmental Ethics	3