



MINISTÉRIO DA EDUCAÇÃO  
UNIVERSIDADE FEDERAL DE OURO PRETO  
PRÓ-REITORIA DE GRADUAÇÃO



COURSE OF PHARMACY - 2020/1 (curriculum 4)  
OURO PRETO'S CAMPUS

CODE	MANDATORY DISCIPLINES	PREREQUISITE	SWL	CWL	CLASSES		SEM
					T	P	
CBI114	HUMAN ANATOMY		60	72	2	2	1
CBI199	CYTOLOGY - HISTOLOGY A		60	72	2	2	1
CBI617	HUMAN EMBRYOLOGY		30	36	1	1	1
CSO111	RESEARCH METHODOLOGY		30	36	1	1	1
FAR600	INTRODUCTION TO PHARMACY		30	36	2	0	1
MTM500	FUNDAMENTALS OF CALCULUS		60	72	4	0	1
QUI211			60	72	4	0	1
QUI212	EXPERIMENTAL GENERAL CHEMISTRY		30	36	0	2	1
CBI197	PHYSIOLOGY I	CBI114	60	72	2	2	2
EST206	BIostatISTICS	MTM500	30	36	2	0	2
FAR010	PRACTICAL OBSERVATIONS AND EXPERIENCES IN PUBLIC HEALTH CARE	FAR600	45	54	1	2	2
PRO600	ADMINISTRATION AND ECONOMY / QUALITY MANAGEMENT	MTM500	60	72	4	0	2
QUI213		QUI211 QUI212	60	72	4	0	2
QUI218	EXPERIMENTAL PHYSICAL-CHEMISTRY	MTM500 QUI211 QUI212	30	36	0	2	2
QUI287	PHYSICAL-CHEMISTRY I	MTM500 QUI211 QUI212	30	36	2	0	2
QUI288	EXPERIMENTAL ORGANIC CHEMISTRY	QUI211 QUI212	30	36	0	2	2
QUI312	INORGANIC CHEMISTRY	QUI211 QUI212	30	36	2	0	2
BEV119	PLANT MORPHOLOGY		60	72	2	2	3
CBI198	PHYSIOLOGY II	CBI197	60	72	2	2	3
CBI218	CELL BIOCHEMISTRY I	QUI213 QUI288	60	72	2	2	3
FAR035	EPIDEMIOLOGY	EST206	45	54	2	1	3
QUI215	ORGANIC CHEMISTRY II	QUI213 QUI288	60	72	4	0	3
QUI219		QUI211 QUI212	45	54	3	0	3
QUI232		QUI211 QUI212	45	54	0	3	3
ACL011	BASIC AND APPLIED IMMUNOLOGY	CBI198 CBI218	75	90	3	2	4
CBI607	CELLULAR BIOCHEMISTRY II	CBI218	60	72	2	2	4
CBI610	GENERAL PATHOLOGY	CBI198	60	72	2	2	4
FAR011	PHARMACOEPIDEMIOLOGY	FAR035	30	36	2	0	4
FAR012	PHARMACOLOGY I	CBI198 CBI218	75	90	3	2	4
FAR013	PRACTICAL OBSERVATIONS AND EXPERIENCES IN INDUSTRY	FAR010	15	18	0	1	4
FAR604	INTRODUCTION TO UNIT OPERATIONS	QUI218 QUI287	45	54	3	0	4
QUI289	PHYSICAL METHODS FOR ORGANIC ANALYSIS	QUI215 QUI219 QUI232	45	54	3	0	4
QUI290	INSTRUMENTAL ANALYTICAL CHEMISTRY	QUI215	45	54	2	1	4
ACL012	GENERAL MICROBIOLOGY APPLIED TO PHARMACY	CBI198 CBI607 CBI610	90	108	3	3	5
ACL013	HUMAN AND CLINICAL PARASITOLOGY	ACL011 CBI198 CBI610	120	144	5	3	5
FAR014	PHARMACOLOGY II	CBI610 FAR012	75	90	3	2	5
FAR015	PRACTICAL OBSERVATIONS AND EXPERIENCES IN PHARMACY	FAR012 FAR035	45	54	0	3	5
FAR606	PHARMACOGNOSY I	BEV119 CBI607 QUI215	75	90	2	3	5
FAR609	PUBLIC HEALTH	FAR035	30	36	2	0	5
ACL014	MOLECULAR BIOLOGY APPLIED TO PHARMACY	ACL013 CBI607	75	90	3	2	6
ACL015	CLINICAL HEMATOLOGY I	ACL011 FAR014	75	90	4	1	6
ACL600	CLINICAL BIOCHEMISTRY I	CBI607 CBI610 FAR012	75	90	3	2	6
FAR016	PHARMACOGNOSY II	FAR606	75	90	2	3	6
FAR017	PHARMACOLOGY III	CBI607 FAR014	60	72	2	2	6
FAR018	FINAL PROJECT ELABORATION	FAR013 FAR015	15	18	1	0	6
FAR613	PHARMACEUTICS I	FAR014 FAR604 QUI215	90	108	4	2	6
ACL016	INTERNSHIP IN CLINICAL ANALYZES I	ACL012 ACL013 ACL015 ACL600	90	108	0	6	7
ACL403	CLINICAL BIOCHEMISTRY II	ACL600	75	90	3	2	7
ACL404	CLINICAL HEMATOLOGY II	ACL015	30	36	0	2	7



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					T	P	
FAR019	DRUG MANAGEMENT AND CLINICAL SERVICES IN PHARMACY	FAR011 FAR017 FAR609 FAR613	30	36	2	0	7
FAR020	PHARMACOLOGY IV	ACL013 ACL014 ACL015 ACL600 FAR017	60	72	2	2	7
FAR021	GENERAL AND FOOD TOXICOLOGY	FAR014	45	54	3	0	7
FAR416	BIOPHARMACY	FAR012 FAR613	30	36	2	0	7
FAR615	PHARMACEUTICS II	FAR613	90	108	4	2	7
FAR617	BIOTECHNOLOGY	ACL014	45	54	3	0	7
ACL017	HUMAN CLINICAL MICROBIOLOGY	ACL012	75	90	2	3	8
ACL401	CERVICAL CYTOLOGY	CBI199 CBI610	60	72	2	2	8
FAR022	DEONTOLOGY AND PHARMACEUTICAL LEGISLATION	FAR017	30	36	2	0	8
FAR023	PHARMACY INTERNSHIP	FAR020 FAR615	105	126	0	7	8
FAR024	PHARMACEUTICAL CHEMISTRY	FAR017 QUI289	90	108	4	2	8
FAR025	HUMAN TOXICOLOGY I	FAR020	75	90	2	3	8
FAR406	PHYTOTHERAPY	FAR012 FAR016	30	36	2	0	8
ACL018	INTERNSHIP IN CLINICAL ANALYZES II	ACL017 ACL401 ACL403 ACL404	180	216	0	12	9
FAR026	PHARMACY INTERNSHIP IN HEALTH PROMOTION AND EDUCATION	FAR022 FAR023	45	54	0	3	9
FAR622	PHYSICAL AND CHEMICAL QUALITY CONTROL	FAR615 QUI289	75	90	3	2	9
TCC007	FINAL PROJECT CONCLUSION	2850 hours	30	36	2	0	9
FAR027	PRACTICES IN DRUG MANAGEMENT AND CLINICAL SERVICES IN PHARMACY OR INDUSTRY	4200 hours ACL018 FAR026 FAR622 TCC007	375	450	0	25	10

CODE	ELECTIVE DISCIPLINES	PREREQUISITE	SWL	CWL	CLASSES		SEM
					T	P	
ACL019	INTERNSHIP IN CLINICAL ANALYZES III	ACL017	90	108	0	6	
ACL020	THERAPEUTICS OF HEMATOLOGY DISEASES	ACL404	30	36	2	0	
ACL402	CYTOLOGY OF MAMMARY GLANDS, PULMONARY AND CAVITARY LIQUIDS	ACL401	30	36	2	0	
ACL406	MOLECULAR BIOLOGY APPLIED TO CLINICAL ANALYSIS	ACL014	45	54	1	2	
ACL407	TOPICS IN CLINICAL ANALYSIS	ACL014 CBI607	45	54	3	0	
ACL408	CLINICAL LABORATORY QUALITY CONTROL	ACL015	30	36	2	0	
ALI135	BROMATOLOGY AND FOOD COMPOSITION	CBI218 QUI219 QUI232	75	90	2	3	
ALI227	FOOD MICROBIOLOGY D	ACL012	90	108	2	4	
ALI229	PROCESSES FOR FOOD CONSERVATION	ACL012	30	36	2	0	
ALI250	EXPERIMENTAL NUTRITION	CBI607	75	90	3	2	
BEV162	PLANT SYSTEMATICS I		60	72	2	2	
BEV185	BIOETHICS PRINCIPLES		30	36	2	0	
CBI010	CLINICAL VIROLOGY		30	36	2	0	
CBI619	SPECIAL TOPICS IN APPLIED HUMAN ANATOMY	CBI114	45	54	2	1	
EFD301	PHYSICAL EDUCATION AND SPORTS I		30	36	0	2	
EFD302	PHYSICAL EDUCATION AND SPORTS II		30	36	0	2	
FAR009	INTRODUCTION TO BIOINFORMATICS		60	72	2	2	
FAR031	ECOTOXICOLOGY	FAR021	45	54	3	0	
FAR032	COMMUNICATION SKILLS FOR CARE	FAR019	30	36	2	0	
FAR033	HUMANIZING HEALTH CARE	FAR019 FAR020	30	36	2	0	
FAR034	HUMAN TOXICOLOGY II	FAR025	30	36	2	0	
FAR102	ENVIRONMENTAL EPIDEMIOLOGY	FAR035	45	54	1	2	
FAR401	FIRST AID	ACL015 FAR014	30	36	0	2	
FAR402	WATER QUALITY	ACL013 QUI219 QUI232	60	72	2	2	
FAR403	QUALITY CONTROL OF PHYTOTHERAPIC RAW MATERIAL	FAR016	60	72	2	2	
FAR404	HOMEOPATHIC PHARMACY	FAR613	60	72	2	2	
FAR410	SANITARY AND HOUSEHOLD CLEANING PRODUCTS	ACL012 FAR615	45	54	1	2	
FAR412	COSMETIC TECHNOLOGY	FAR615	45	54	1	2	
FAR413	BIOTECHNOLOGY III	FAR408	45	54	1	2	
FAR415	ORGANIC DRUGS SYNTHESIS	QUI215 QUI288	30	36	2	0	
LET966	INTRODUCTION TO BRAZILIAN SIGN LANGUAGE (LIBRAS)		60	72	2	2	



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					T	P	
PRO238	OPERATIONS MANAGEMENT	PRO600	30	36	2	0	
PRO301	ENTREPRENEURSHIP		60	72	4	0	

CODE	OPTATIVE DISCIPLINES	PREREQUISITE	SWL	CWL	CLASSES		SEM
					T	P	
FAR028	PHARMACEUTICAL CARE ON MINOR DISEASES	ACL403 FAR020	30	36	0	2	8
FAR029	CLINICAL PHARMACOLOGY	ACL015 ACL600 FAR020 FAR416	60	72	0	4	8
FAR030	BIOLOGICAL QUALITY CONTROL	ACL012 FAR615	60	72	2	2	8
FAR405	HOSPITAL PHARMACY	FAR020 FAR609	45	54	3	0	8
FAR407	PHARMACEUTICAL CARE	FAR019 FAR020	30	36	0	2	8
FAR408	BIOTECHNOLOGY II	FAR617	60	72	0	4	8
FAR411	PHARMACEUTICAL TECHNOLOGY	FAR615	60	72	2	2	8

CODE	ACTIVITIES	PREREQUISITE	CHARACTER	SWL	SEM
ATC001			MANDATORY	130	

Required Courses Load	Work Load
Mandatory Disciplines	4125
Elective Disciplines	150
Optative Disciplines	180
Facultative Disciplines	0
Activities	130
<b>Total</b>	<b>4585</b>