

CENTRO ESCOLAR UNIVERSITY
Manila * Malolos
School of Optometry

SIX-YEAR PROGRAM LEADING TO THE DEGREE
DOCTOR OF OPTOMETRY
Effective School Year 2023-2024

FIRST YEAR
First Semester

Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PCCH100	Inorganic Chemistry	2	1	0	0	3	2	3	0	0	5	NONE
PCBI100	General Biology	3	2	0	0	5	3	6	0	0	9	NONE
PRDO120	Intro to Optometry (Intro and History to Optometry)	2	0	0	0	2	2	0	0	0	2	NONE
COLA11	Purposive Communication	3	0	0	0	3	3	0	0	0	3	NONE
COMA11	Mathematics in the Modern World	3	0	0	0	3	3	0	0	0	3	NONE
COSH41	Readings in Philippine History	3	0	0	0	3	3	0	0	0	3	NONE
COPE21	PATH-FIT 1: Movement Competency Training	2	0	0	0	2	2	0	0	0	2	NONE
COSH11	Empowering the Self	2	0	0	0	2	2	0	0	0	2	NONE
COSH21	Religion: History and Texts	3	0	0	0	3	3	0	0	0	3	NONE
	TOTAL	23	3	0	0	26	23	9	0	0	32	

Second Semester

Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PCCH103	Organic Chemistry	3	2	0	0	5	3	6	0	0	9	PCCH100
PCPD101	Physics	3	2	0	0	5	3	6	0	0	9	NONE
PRDO121	Primary Eye and Vision Care	3	0	0	0	3	3	0	0	0	3	NONE
COLA31	Foreign Language 1	3	0	0	0	3	3	0	0	0	3	NONE
COPY11	Understanding Self	3	0	0	0	3	3	0	0	0	3	NONE
COSH31	Art Appreciation	3	0	0	0	3	3	0	0	0	3	NONE
COSH43	The Life and Works of Rizal	3	0	0	0	3	3	0	0	0	3	NONE
COPE22	PATH-FIT 2: Swimming/Recreation	2	0	0	0	2	2	0	0	0	2	COPE21
COSH22	Man, Church and Society	3	0	0	0	3	3	0	0	0	3	COSH21
	TOTAL	26	4	0	0	30	26	12	0	0	38	

SECOND YEAR
First Semester

Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PCBI102	Human Anatomy and Physiology	3	2	0	0	5	3	6	0	0	9	PCBI100
PCCH104	Biochemistry	3	2	0	0	5	3	6	0	0	9	PCCH103
PRDO122	Ocular Anatomy and Physiology	3	1	0	0	4	3	3	0	0	6	PCBI100
PRDO128	Theoretical and Geometric Optics	5	2	0	0	7	5	6	0	0	11	PCPD101
PRDO129	Physiological Optics 1	2	1	0	0	3	2	3	0	0	5	NONE
COLA32	Foreign Language 2	3	0	0	0	3	3	0	0	0	3	COLA31
CONP11	NSTP 1	3	0	0	0	3	3	0	0	0	3	NONE
	TOTAL	22	8	0	0	30	22	24	0	0	46	

Second Semester

Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PCBI103	Human Histology and Embryology	2	1	0	0	3	2	3	0	0	5	PCBI102
PCBI105	Microbiology and Parasitology	3	2	0	0	5	3	0	0	0	3	PCBI100
PRDO130	Physiological Optics 2	3	1	0	0	4	3	3	0	0	6	PRDO129
PRDO131	Ophthalmic Optics	3	2	0	0	5	3	6	0	0	9	PRDO128
COMA51	Understanding Data Around Us	3	0	0	0	3	3	0	0	0	3	NONE
COSH32	Ethics	3	0	0	0	3	3	0	0	0	3	NONE
COSH42	The Contemporary World	3	0	0	0	3	3	0	0	0	3	NONE
CONP12	NSTP 2	3	0	0	0	3	3	0	0	0	3	CONP11
	TOTAL	23	6	0	0	29	23	12	0	0	35	

THIRD YEAR												
First Semester												
Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PRDO123	General Pathology	3	1	0	0	4	3	3	0	0	6	PCBI105
PRDO124	Ocular Disease 1	3	1	0	0	4	3	3	0	0	6	PRDO122
PRDO125	General Pharmacology	3	0	0	0	3	3	0	0	0	3	PCCH104
PRDO132	Applied Optics	2	1	0	0	3	2	3	0	0	5	PRDO131
PRDO143	Clinical Refraction	2	2	0	0	4	2	6	0	0	8	PRDO130, PRDO131
PRDO144	Clinical Optometry Practice 1	2	2	0	0	4	2	6	0	0	8	PRDO130, PRDO131
CONS21	Science, Technology, and Society	3	0	0	0	3	3	0	0	0	3	NONE
COPE23	PATH-FIT 3: Dance/Individual-Dual Sports	2	0	0	0	2	2	0	0	0	2	COPE22
TOTAL		20	7	0	0	27	20	21	0	0	41	

Second Semester												
Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PRDO126	Ocular Disease 2	3	1	0	0	4	3	3	0	0	6	PRDO124
PRDO127	Ocular Pharmacology with Therapeutics	3	1	0	0	4	3	3	0	0	6	PRDO125
PRDO133	Binocular Vision	3	2	0	0	5	3	6	0	0	9	PRDO130
PRDO134	Neuro-Biology of the Visual System	3	1	0	0	4	3	3	0	0	6	PRDO122, PRDO130
PRDO135	Nutrition in Eye Care	2	0	0	0	2	2	0	0	0	2	PRDO122
PRDO145	Clinical Optometry Practice 2	2	2	0	0	4	2	6	0	0	8	PRDO144
COSH12	Living and Loving Relationship	2	0	0	0	2	2	0	0	0	2	COSH11
COPE24	PATH-FIT 4: Team Sports/Games	2	0	0	0	2	2	0	0	0	2	COPE23
TOTAL		20	7	0	0	27	20	21	0	0	41	

FOURTH YEAR												
First Semester												
Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PRDO136	Pediatric Optometry	3	1	0	0	4	3	3	0	0	6	PRDO133, PRDO143, PRDO145
PRDO137	Geriatric Optometry	2	0	0	0	2	2	0	0	0	2	PRDO143, PRDO145
PRDO138	Low Vision	3	1	0	0	4	3	3	0	0	6	PRDO143, PRDO145
PRDO139	Optometry Medicine	3	0	0	0	3	3	0	0	0	3	PRDO126
PRDO140	Public Health and Community Optometry	3	0	0	0	3	3	0	0	0	3	PRDO120
PRDO141	Environment, Occupational Health and Safety	2	1	0	0	3	2	3	0	0	5	NONE
PRDO142	Contact Lens 1 (Principles)	3	1	0	0	4	3	3	0	0	6	PRDO132, PRDO143
PRDO146	Sports Vision	2	1	0	0	3	2	3	0	0	5	PRDO143, PRDO145
TOTAL		21	5	0	0	26	21	15	0	0	36	

Second Semester												
Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PRDO147	Clinical Low Vision	2	1	0	0	3	2	3	0	0	5	PRDO138
PRDO148	Vision Rehab	2	1	0	0	3	2	3	0	0	5	PRDO138
PRDO149	Clinical Neuro-Optometry	2	1	0	0	3	2	3	0	0	5	PRDO134
PRDO151	Clinical Pediatric Optometry	2	1	0	0	3	2	3	0	0	5	PRDO136
PRDO152	Ocular Prosthetics	1	2	0	0	3	1	6	0	0	7	PRDO126
PRDO153	Contact Lens 2	2	2	0	0	4	2	6	0	0	8	PRDO142
PRDO185	Behavioral Optometry	2	1	0	0	3	2	3	0	0	5	PRDO134, PRDO136
TOTAL		13	9	0	0	22	13	27	0	0	40	

FIFTH YEAR												
First Semester												
Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PCMA101	Biostatistics	3	0	0	0	3	3	0	0	0	3	NONE
PRDO150	Optometry Law, Ethics, and Practice Management	3	0	0	0	3	3	0	0	0	3	NONE
PRDO154	Optometry Clinics 1	0	0	3	0	3	0	0	9	0	9	PRDO136, PRDO137, PRDO138, PRDO139, PRDO140, PRDO141, PRDO142, PRDO146, PRDO147, PRDO148, PRDO149, PRDO151, PRDO152, PRDO153, PRDO185
PRDO156	Case Conference 1	3	0	0	0	3	3	0	0	0	3	PRDO136, PRDO137, PRDO138, PRDO139, PRDO140, PRDO141, PRDO142, PRDO146, PRDO147, PRDO148, PRDO149, PRDO151, PRDO152, PRDO153, PRDO185

PRDO158	Visual Analysis and Management 1	3	0	0	0	3	3	0	0	0	3	PRDO145
PRDO191	Undergraduate Research 1 (Optometry Research Proposal)	2	1	0	0	3	2	3	0	0	5	NONE
PRDO199	Interprofessional Education and Practice	2	0	0	0	2	2	0	0	0	2	NONE
	TOTAL	16	1	3	0	20	16	3	9	0	28	

Second Semester												
Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PRDO155	Optometry Clinics 2	0	0	3	0	3	0	0	9	0	9	PRDO154
PRDO157	Case Conference 2	3	0	0	0	3	3	0	0	0	3	PRDO156
PRDO159	Visual Analysis and Management 2	3	0	0	0	3	3	0	0	0	3	PRDO158
PRDO186	Optometry Practice Management and Entrepreneurship	3	0	0	0	3	3	0	0	0	3	NONE
PRDO192	Undergraduate Research 2 (Optometry Data Gathering)	1	2	0	0	3	1	6	0	0	7	PRDO191
COLA21	Malikhaing Komunikasyon Gamit ang Panitikang Popular	3	0	0	0	3	3	0	0	0	3	NONE
COLA51	Expository Writing for Global Communication	3	0	0	0	3	3	0	0	0	3	COLA21
	TOTAL	16	2	3	0	21	16	6	9	0	31	

SIXTH YEAR												
First Semester												
Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PCCE102	Health Information System	2	1	0	0	3	2	3	0	0	5	NONE
PRDO181	Seminar 1 and Grand Rounds (Current Trends in Optometry and Special Topics)	3	0	0	0	3	3	0	0	0	3	PRDO157
PRDO183	Optometry Internship / Practicum 1	1	0	0	9	10	1	0	0	27	28	PRDO155, PRDO157, PRDO159
PRDO193	Undergraduate Research 3 (Optometry Research Presentation)	1	1	0	0	2	1	3	0	0	4	PRDO192
	TOTAL	7	2	0	9	18	7	6	0	27	40	

Second Semester												
Class Code	Descriptive Title	Units					No. of Hours					Pre-requisite
		Lec	Lab	Cli	Int	Total	Lec	Lab	Cli	Int	Total	
PRDO182	Seminar 2 and Grand Rounds (Current Trends in Opto Practice and Technology)	3	0	0	0	3	3	0	0	0	3	PRDO181
PRDO184	Optometry Internship / Practicum 2	1	0	0	10	11	1	0	0	30	31	PRDO183
PRDO187	Principles and Strategies in Teaching Optometry	2	0	0	0	2	2	0	0	0	2	NONE
	TOTAL	6	0	0	10	16	6	0	0	30	36	

Total No. of Units:

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