

B.S. Physician Assistant (MMM, Chennai)

Type of Input: 10+2 from Central / State Board or its equivalent with Physics, Chemistry & Mathematics / Biology along with adequate proficiency in English. Short-listed candidates will be required to take a Written Test and Interview at their own expense for getting admission.

Duration Normally Eight Semesters

Special Feature: This is a specially designed four year integrated programme with classes and laboratory work conducted entirely at Madras Medical Mission (MMM)-BITS Training Centre, 4A, Dr. J. Jayalalitha Nagar, Mogappair East, Chennai - 600 037.

Year	First Semester			U	Second Semester			U
I	PAT ZC121	Mathematics I	3	PAT ZC122	Mathematics II	3	3	
	PAT ZC131	Introduction to Computers	3	PAT ZC132	Scientific Measurements	3	3	
	PAT ZC141	Biological Chemistry	3	PAT ZC142	Nutrition & Dietetics	4	4	
	PAT ZC151	General Anatomy	3	PAT ZC152	Clinical Biochemistry	5	5	
	PAT ZC161	General Physiology	3	PAT ZC162	Pediatrics & Geriatrics	2	2	
	PAT ZC171	Cell Biology	3					
	Total			18	Total			17
II	PAT ZC251	Principles of Management	3	PAT ZC212	Introduction to Surgery	2	2	
	PAT ZC231	Microbiology	3	PAT ZC222	Introduction to Medicine	2	2	
	PAT ZC262	Introduction to Psychology	3	PAT ZC282	Molecular Genetics	3	3	
	PAT ZC261	Technical Report Writing	3	PAT ZC382	Data Processing	3	3	
	PAT ZC411	Inservice Training - I	10	PAT ZC412	Inservice Training - II	10	10	
		Total			22	Total		
III	PAT ZC311	Cardiology & Cardiac Surgery.	4	PAT ZC332	Principles of Emergency Medicine	1	1	
	PAT ZC381	Anesthesiology	1	PAT ZC342	Medical Instrumentation	2	2	
	PAT ZC341	Cardiac Nursing	2	PAT ZC312	Advances in Cardiology	2	2	
	PAT ZC423	Pharmacology & Toxicity	3	PAT ZC322	Advances in Cardiac Surgery	2	2	
	PAT ZC431	Biostatistics	3	PAT ZC482	Management Information Systems	3	3	
	PAT ZC421	Inservice Training - III	10	PAT ZC422	Inservice Training - IV	10	10	
	Total			23	Total			20
IV	PAT ZC442	Internship - I	20	PAT ZC443	Internship - II	20	20	
	Total			20	Total			20

Note: This is the currently operative pattern as approved by the Senate-appointed committee, subject to change if the situation warrants.

B.S. Physician Assistant (Frontier Lifeline, Chennai)

Type of Input: 10+2 from Central / State Board or its equivalent with Physics, Chemistry & Mathematics / Biology along with adequate proficiency in English. Short-listed candidates will be required to take a Written Test and Interview at their own expense for getting admission.

Duration Normally Eight Semesters

Special Feature: This is a specially designed four year integrated programme with classes and laboratory work conducted entirely at Frontier Lifeline (FL) – Dr K M Cherian Heart Foundation & International Centre for Biomedical Sciences and Technology, #932, TVS Avenue, Jeevan Bheema Nagar, Mogappair, Chennai – 600 101.

Year	First Semester			U	Second Semester			U
I	PATFL ZC121	Mathematics I	3	PATFL ZC122	Mathematics II	3	3	
	PATFL ZC131	Introduction to Computers	3	PATFL ZC132	Scientific Measurements	3	3	
	PATFL ZC141	Biological Chemistry	3	PATFL ZC142	Nutrition & Dietetics	4	4	
	PATFL ZC151	General Anatomy	3	PATFL ZC152	Clinical Biochemistry	5	5	
	PATFL ZC161	General Physiology	3	PATFL ZC162	Pediatrics & Geriatrics	2	2	
	PATFL ZC171	Cell Biology	3					
	Total			18	Total			17
II	PATFL ZC251	Principles of Management	3	PATFL ZC212	Introduction to Surgery	2	2	
	PATFL ZC231	Microbiology	3	PATFL ZC222	Introduction to Medicine	2	2	
	PATFL ZC262	Introduction to Psychology	3	PATFL ZC282	Molecular Genetics	3	3	
	PATFL ZC261	Technical Report Writing	3	PATFL ZC382	Data Processing	3	3	
	PATFL ZC411	Inservice Training - I	10	PATFL ZC412	Inservice Training - II	10	10	
		Total			22	Total		
III	PATFL ZC311	Cardiology & Cardiac Surgery	4	PATFL ZC332	Principles of Emergency Medicine	1	1	
	PATFL ZC381	Anesthesiology	1	PATFL ZC342	Medical Instrumentation	2	2	
	PATFL ZC341	Cardiac Nursing	2	PATFL ZC312	Advances in Cardiology	2	2	
	PATFL ZC423	Pharmacology & Toxicity	3	PATFL ZC322	Advances in Cardiac Surgery	2	2	
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	PATFL ZC421	Inservice Training - III	10	PATFL ZC422	Inservice Training - IV	10	10	
	Total			23	Total			20
IV	PATFL ZC442	Internship - I	20	PATFL ZC443	Internship - II	20	20	
	Total			20	Total			20

Note: This is the currently operative pattern as approved by the Senate-appointed committee, subject to change if the situation warrants.