

# MBBS in Philippines



## Emilio Aguinaldo College of Medicine Manila

Authorized Representative in India



Dear Parents and Students

It gives us great pleasure to introduce you to The Philippines which is ranked amongst the top English Medium Education Destinations in the World.

#### **Advantages of Education in the Philippines**

- ▶ Education facilities are Excellent and of HIGH Quality
- ▶ Many US educated professionals are Teachers and Administrators in Philippines
- ▶ USA / American pattern of Education followed
- ▶ English is an Official Language of the Philippines – 100% English Medium
- ▶ Low fees – 50% lower than fees in Private Colleges in India
- ▶ Listed in WHO Directory - Eligible to practice in India post MCI registration
- ▶ Listed in IMED / FAIMER Directory – Eligible to do higher education in USA
- ▶ USMLE – Part I & II can be done in Manila & students can go to USA thereafter
- ▶ Listed in California Board of Medicine – eligible for jobs in California, USA
- ▶ Easily accessible from India with several daily flights to Manila
- ▶ Tropical Diseases similar to India – great for clinical training
- ▶ Indian food available
- ▶ Education gateway to countries like USA & UK
- ▶ Philippines has educated & sent 2nd largest number of foreign Doctors to USA
- ▶ Philippines has trained and sent the largest number of Nurses to USA & Canada
- ▶ Over 20,000 foreign students are enrolled in The Philippines

#### **Opportunities For Global Growth**

- ▶ Opportunities to secure employment and residency in developed countries
- ▶ Education gateway to countries like the United States of America

**Introduction:** Philippines is located in Southeast Asia. Nearby countries are Taiwan, Singapore, Malaysia, Indonesia. It comprise of over 7000 islands. The main islands are Luzon, Visayas and Mindanao. Philippines is the world's 12th most populous country with a population of 92 million. The Capital is Manila; a mega city with over 20 million population. Multiple ethnicities and cultures are found through the islands. Cultural influences are from Spain, US, Hindu & Islam. It is thought that The Philippines was part of the Hindu Java Kingdom in 13th

Century. 14th century Islam came. From 15th to 18th century it was ruled by Spain & Catholics; followed by America in 19-20th Century, with a brief period of Japanese occupation in World War II.

The dominant religion is Catholic Christianity with 93% of the country following it. A Hindu temple / gurudwara is located in UN Avenue in Manila near Emilio Aguinaldo College. The Embassy of India is located in Manila.

**Weather:** Summer is from March to May. Monsoon is from June to October. November to February is cool with fair weather. Average day temperature, is 22.2 C to 31.6 C with humidity at 77 percent.

**Transport:** Manila International Airport has several international flights from many countries. It is the gateway of international flights to Philippines. In Manila Buses, Jeepneys, LRT, and taxis are readily available in getting around the city.

## Advantages of Medical Education in the Philippines

### English Language:

- ▶ The official languages in the Philippines are English and Filipino. All education is in the English medium. 95% of the population speaks English. Students going from India do not need to learn any local language to talk to patients – which they need to do if they go to China or Russia or other such countries.
- ▶ Philippines is the 3rd largest English Speaking country in the World. After USA and UK; ahead of Canada, Australia and India
- ▶ Highest English literate country in Asia
- ▶ Mode of instruction in all Schools & Colleges is in English for all students
- ▶ English is commonly used in Business & Education communication

## Affiliations / Listings / Recognitions:



### World Health Organization

#### World Health Organization (WHO):

Medical Colleges in Philippines are listed in World Health Organization (WHO) Directory of Medical Universities.

<http://www.who.int/hrh/wdms/en/>

The WHO Directory is now the AVICENNA Directory, maintained by the University of Copenhagen in collaboration with the World Health Organization and the World Federation for Medical Education (WFME).

<http://avicenna.ku.dk/database/medicine>

#### Commission For Higher Education - Philippines (CHED):

Body which authorizes and regulates all Universities and Colleges of higher education in the Philippines.

All Universities need to be recognized by CHED, under the Govt. of The Philippines.

Both EAC and UoPH are recognised by CHED.

#### Medical Council of India (MCI) Recognition:

All Philippine Medical Colleges are recognized by the MCI. Under Section 4 of MCI Screening Test Regulations 2002, dated 13<sup>th</sup> February 2002; applicants are eligible to give the Screening Test and practice in India after being educated in WHO Listed Medical Colleges. i.e. The MCI recognizes all medical colleges listed in the WHO Directory.

Effectively: The MCI directory of Medical Colleges is the WHO Directory. There is no separate MCI list after 2002. The MCI registration process for students going overseas for Medical education is:

- a. File for Certificate of Eligibility in India. This can be filed anytime before graduation.
- b. On return clear a competency examination named FMGE or Foreign Medical Graduate Examination conducted by the National Board of Examination – New Delhi (know as the MCI screening test) – conducted twice a year.
- c. There is NO Limit on number test attempts.
- d. If a student is well prepared they pass the FMGE in the 1<sup>st</sup> attempt. All students who go overseas for MBBS or equivalent degree are to clear this test – no exceptions.

#### Screening Test in for MBBS India Proposed:

The MCI has recommended to the Govt. of India to hold a Competency Test for all students who do MBBS in India as well. If approved then ALL students will have to give a licensing / registration Exam – irrespective of whether they were educated in India or overseas. This is expected to be implemented between 2013 to 2017

**Jobs in India:** After students are Registered with the Medical Council of India, they are eligible for jobs in India in the private and Government sectors. They are eligible for independent or private practice. They are also eligible for admission to Post Graduate courses in India in Government and private medical Colleges.



**Degree Awarded:** MD or Doctor of Medicine, called MBBS in India. MCI gives MBBS registration in India as will UK, Singapore and Gulf authorities. In USA you will get a MD certification. What is known as MBBS in India and other commonwealth countries is called MD in the USA and in The Philippines.

**AMERICAN PATTERN:** The Medical course is patterned on USA. This gives a strong Advantage to medical professionals educated in the Philippines who are interested in the US.



**USA Exchange:** Students can go for clerkship rotations (internship rotations) to the USA from the Philippines. Some colleges have tie ups for this. Else students can source out their own rotations and get permission to go to the USA which will be given credit by the School for clerkship.



**USMLE:** All students who study in the Philippines are eligible to give USMLE and go to the USA for practice after satisfying the norms needed for licensure and registration. The Medical Colleges are listed in IMED Directory (FAIMER Directory) and approved by the Educational Commission for Foreign Medical Graduates (ECFMG).



**California Board of Medicine:** Colleges in the Philippines are listed in the California Board of Medicine's Directory of approved International Medical Colleges. This means after passing from Philippines, qualifying USMLE and complying with other process they are automatically approved to

register and practice in the State of California. **California is the richest state in the USA and accounts for 13% of the Economy of the USA. Doctors here are amongst the highest paid in the USA.**

**Jobs in USA:** There is a strong culture of USMLE preparation in The Philippines which is the 2<sup>nd</sup> largest supplier of Doctors and the largest supplier of trained Nurses to the USA. This is a huge advantage for those wishing to work in the USA. Students need to work hard, get a high rank in USMLE. They need to comply with licensing & immigration in US. Education provides with careers in many countries but you need to work hard in order to achieve it.

**Many Patients in Hospitals:** 94% of the population speaks English. Students talk to patients in English and get great clinical expertise - not the case in most countries like China or Russia.

**Tropical Country:** Philippines is a tropical Country. It has similar diseases as India. So it is the perfect destination for Indian students to learn medicine – as they can integrate easily in India and they get exposure to diseases commonly found in India.

**Location in Manila – Capital of The Philippines:** The Medical Colleges are located in Manila – Capital of The Philippines. This is a rich and vibrant metro city with many nationalities living here. The Asian Development Bank is headquartered in Manila.

- ▶ Urban area has a population of over 20 million.
- ▶ Many hospitals and patients for clinical exposure
- ▶ Many specialists are located in the Capital – great for quality teaching
- ▶ Indian embassy is 10 to 15 kms from the College
- ▶ International airport is 13 kms from the College
- ▶ There is an Indian Gurdwara / Temple in Manila.
- ▶ Students who go to study in Manila will enjoy their stay in terms of quality of education, quality of life and rich cultural exposure.

**Extra Curricular Activities:** Swimming, surfing, diving, and snorkeling in numerous beaches; visit the island's heritage sites like the man-made rice terraces, marine parks, mountains, underground rivers, tourist hideaways that depict Asian and European architecture. There are countless five-star hotels and restaurants, entertainment shows, shopping malls, and cafes.

**Food:** Indian and Asian food is available in Manila. Indian / Nepali cooks are there who run kitchens and cook for students. There are many food establishments offering various cuisines in and around the college and in the shopping areas.

### Course duration for those with 12 years of Schooling is 5 years 4 months.

- ▶ The first 12 - 16 months is pre-medical course which runs from November onwards. This gives students a Bachelors Degree.
- ▶ Then they join the Medical course commences each year from June to March each year which is a 4 year program. 3 years of theory + 1 year of rotating clerkship /internship in a hospital.
- ▶ Students get a double degree – BS + MD (equal to MBBS in India).

### Deadlines for Application after class 12 for Medical course in Philippines

Inquiry	:	All year round
Registration	:	Before 15th October of the year of Admission
Visa to be issued	:	By 1st week of November of year of Admission
Join class	:	1st or 2nd week of November

### ELIGIBILITY For 5 year B.Sc-MD course (equivalent to MBBS):

- Have minimum average of 50% in Physics, Chemistry and Biology (or biotechnology) in class XII with pass in each subject individually and pass in English from a recognized Board. And have passed Class XI with Physics, Chemistry and Biology or Biotechnology.

### Other Eligibility Information:

Students need to clear regular weekly and semester examinations in Philippines.

On return to India they have to clear the Foreign Medical Graduate Examination also known as the MCI Screening Test.

Competent students, good in studies, motivated to study medicine, with good education record, passionate about sciences are encouraged to apply. Students should be able to read and write and speak ENGLISH properly as the entire course is in English medium.

**Four Years Duration for those with Bachelors Degree:** Students with a minimum of two or three year full time Bachelors Degree or Diploma in a medical or medical related subject – such as Nursing, Physiotherapy, Psychology, Medical Lab Technician, B.Sc in Biology, BAMS, BUMS, biotechnology etc which is equal to a pre-medical course are eligible to apply for direct admission to the 4 year medical course which commences in June each year. In addition they should have passed class 11 and 12 from a recognized board with Physics, Chemistry and Biology or Biotechnology.

Students should apply before January in the year of admission and submit both the mark or grade sheet and a copy of the Degree or Diploma for approval by the University. After the University approves the pre-medical, they have to give the NMAT test in the Philippines. Registration for the NMAT is usually in the Month of January – February each year and the Examination is held in the month of March / April in the Philippines - <http://www.cem-inc.org.ph/nmat/>

Students applying for 4 year medical course will go to the Philippines and give the NMAT in March / April. Join the course in June.

### Deadlines for Application after Bachelors / Diploma for Medical course in the Philippines

Inquiry	:	All year round
Registration	:	Before 15 <sup>th</sup> January in year of Admission
NMAT Registration	:	Before 30 <sup>th</sup> January in year of admission
Give NMAT in Manila	:	March – April in year of Admission
Join class	:	2 <sup>nd</sup> week of June each year

### ELIGIBILITY: For 4 years MD Course (equivalent to MBBS)

1. Completed minimum of 2 years full time Bachelors degree or diploma in Biology or Medical related subject – such as Nursing, Psychology, B.Sc Biology, Physiotherapy MLT, BAMS, BHMS, Pharmacy etc, equivalent to the Pre-medical course in the Philippines
2. Have minimum average of 50% in Physics, Chemistry and Biology (or biotechnology) in class XII with pass in each subject individually and pass in English from a recognized Board. And have Physics, Chemistry and Biology or biotechnology in class XI.
3. Students need to submit their education documents for approval by the University and equivalency to pre-medical course

### Important Notes:

- a. Students need their Degree / Diploma for enrollment and mark sheet BOTH documents are needed.
- b. Students with Nursing, BHMS, BAMS sometimes want 1-3 years course waiver. This is not possible. Under MCI rules: Students need to complete the entire course from one institute. So join 1<sup>st</sup> year and finish 4<sup>th</sup> year. In other countries you need to study for 6 years. In the Philippines you need to study for only 4 years to get your degree if you already have a bachelor degree or diploma which is equivalent to the pre-medical course in the Philippines

### Careers after Graduation:

- ▶ **India:** Students have to give the FMGE (commonly known as the MCI Screening test); comply with MCI process to register. Once Registered - they are eligible to apply for Government jobs in India and to join Post graduate courses in India.
- ▶ **USA:** After clearing USMLE and complying with all other norms – you can apply for registration in USA. Students are eligible for registration in California as the colleges are all registered / listed with the California Board of Medicine.
- ▶ **Other Countries:** The degree is valid in over 180 countries: Singapore, Gulf Countries, New Zealand, Australia etc. Each country has a license / registration process for Doctors – as this profession deals with humans and is regulated. You need to pass a competency test. Some countries may have a language test, job visa requirements etc – each of which needs to be complied with.

# Comparison between Philippine & Other countries for MBBS

Philippines	China / Russia / Ukraine etc
American / US pattern of Education	Non American Pattern of Education
English Speaking Country: English is an official language of Philippines with Filipino. Philippines a former colony of USA & has strong ties with US. 94% of population speaks English. It has the 3 <sup>rd</sup> largest English speaking country after USA and UK.	Chinese / Russian: Is the official language. Medical Students need to learn the local language and pass an exam Less than 4% of the population speaks English
Talk to patients in English. Easy to understand and follow and learn.	Patients speak local language – Chinese or Russian – very difficult to understand & follow.
Strong culture of USMLE preparation and going to the USA for jobs. Many toppers go to USA from Philippines.	No culture of USMLE preparation or going to USA for jobs
Have tie ups with US Colleges for Clinical clerkship / rotation. Recommendation letters help in getting jobs in the USA after graduation	No such tie-ups or culture in China / Russia / Ukraine
Tropical country with diseases common in India such as Malaria, Typhoid etc. Great training & clinical experience for students	Temperate country. Cold. Snows for 2-3 months in a year. No tropical diseases. No training in these diseases. Education is incomplete.
Indian food, Asian foods available in Manila.	Food is expensive and Asian / Indian food not easily available
Weather: Tropical – like India ranges from 21 to 37 degree centigrade.	Temperate: Three months of snow. Winter temperature is -20 (minus 20 degrees) so students find difficulty in winter.
Course takes 5 years in Philippines for students who have finished class 12	Course takes 6 years in China / Russia
Course takes 4 years in Philippines for students who have finished class Bachelors of any pre-medical or equivalent course of two year after school – i.e. they have 14 years of education of which the last 4 years had Biology, Chemistry and related subjects.	Course takes 6 years in China / Russia even with pre-medical subjects.
Very easy to get tourist visa and visit Manila	Visa processing is complicated for Russia / Ukraine
Located in Metro city. Manila – capital with a population of over 20 million (2 crores) lots of hospitals and lots of patients	Usually located in smaller cities – not the capital.
Excellent Track record. Over 90% success rate of MCI test. Very high success rate in USMLE	Lower success rate in MCI and USMLE.
CAPITAL: Manila CURRENCY: Philippine peso. Official LANGUAGE: English & Tagalog (Philipino) TIME DIFFERENCE: Philippines is 2.5 hours ahead of India & 8 hrs ahead of GMT CALLING CODE: +63 5 year program - class commences: 2 <sup>nd</sup> week of November for students after 12 <sup>th</sup> 4 year program - class commences: 2 <sup>nd</sup> week of June for Students with Bachelors degree	



# Emilio Aguinaldo College of Medicine

## Manila, Philippines

### HIGHLIGHTS

- ▶ USA / American pattern of Education followed
- ▶ 100% English Medium.
- ▶ English is Official Language of the Philippines
- ▶ Low fees, Low cost of life & high quality Education
- ▶ Listed in WHO Directory - Eligible to practice in India post MCI registration
- ▶ Listed in IMED Directory – USMLE – Part I & II can be done in Manila
- ▶ Listed in California Board of Medicine – eligible for jobs in California, USA
- ▶ Located in Manila - 13 km from international airport
- ▶ Located ½ km from Hindu Temple / Gurudwara
- ▶ 9 km from Indian Embassy in Manila
- ▶ Indian food available in EAC Canteen



### About the College:

Emilio Aguinaldo College (EAC) was founded in 1951 under the name of Marian School of Midwifery. The Emilio Aguinaldo College of Medicine was established on July 23, 2001 and it has two campuses in Manila city and greater Manila. It is approved by Commission of Higher Education (CHED) Philippines

### ABOUT EMILIO AGUINALDO COLLEGE:

EAC's mission is to develop responsible people through relevant and quality education. State-of-the-art facilities help students develop & acquire knowledge. EAC continuously improves its academic offerings, designed on global standards to equip students in their chosen endeavors. EAC's vision is to be as an institution for outstanding medical education and health research. It provides an educational and scientific environment that prepares students to be professionally competent, socially relevant and compassionate physicians. EAC is committed to: Reforms on medical education; social accountability of medical schools; educating and training relevant, competent and compassionate physicians who will be effective health care providers, researchers and teachers imbued with a strong desire to continue the pursuit of knowledge and a deep sense of service to the local society and the community of nations.

### LOCATION:

EAC is located in Manila, the capital of the Philippines. The population of Manila is over 20 million (2 crores). This is the heart of the administrative and commercial center of the Philippines. The best medical hospitals are located in Manila. EAC is located 500 meters from the Indian Temple in UN Avenue; 9 kilometers from The Indian Embassy and 13 kilometers from the International Airport. The location – advantage is great for international students who get exposed to the best education, culture and hospitals in the Philippines.

### MEDICAL COURSES TAUGHT IN EAC:

- ▶ Medicine
- ▶ Dentistry
- ▶ Pharmacy

- ▶ Nursing-Midwifery
- ▶ Occupational-Physical Therapy
- ▶ Nutrition-Dietetics
- ▶ Medical Technology / Radiology Technology / Respiratory Therapy
- ▶ Premedical courses

### MEDICAL COLLEGE FACILITIES:

EAC has experienced faculty, traditional but synchronized curriculum with early clinical integration, interactive learning process, superior teaching facilities with computerized images & lectures. Clinical training is provided in: Medical Center Manila (MCM), ISO 9001 certified, & its satellite clinics; and in University of Philippines – Philippines General Hospital Medical Center.

### STUDENT SERVICES:

EAC takes pride on services to students, the latest of which is the Dynamic English (DYNE) laboratory to hone students in English. Other services include air-conditioned classrooms, computer and science laboratories, library with internet access, audio-visual rooms, sports, medical and health services.

### ACCOMMODATION & FOOD:

Located in the heart of Manila City. Three hostels are located within 3 to 4 kms of the College along the metro. All Hostel Rooms have independent toilets and security guards. Indian and local food is available in the College Canteen in the College premises.

### Food:

A Nepali cook prepares meals. Students can join canteen, self cook or eat out.

### Laundry:

Service in hostel. Pay is per kilo of washing.

### Hostel Rooms:

3 share a room. Water, electricity, internet is extra. If rooms are unfurnished; estimated cost for furnishing is Rs 5000 to 20,000. Attached bathroom & basin in each room.

### Fees and other Expenses:

Refer to attached sheet for current fees.

# Curriculum

Bachelors / Premedical: A 16 month pre medical course in biology, psychology, nursing or medical technology which prepares students for the MBBS / MD course. Students who have 12 years of education with Physics, Chemistry and Biology can enroll in this program. This gives students a Bachelors (BA or BS) Degree.

MD / MBBS course: The four-year medical course generally progresses from the study of normal to abnormal human being. It is a yearly course in two semesters per year. Students who have done a pre-medical course in the Philippines or elsewhere can enroll this program.

The first year covers the normal Human Anatomy, Biochemistry, Physiology, Preventive Medicine & Community health, Psychiatry and Medical Practice I. Class lectures are delivered mostly through computers using LCD projectors complemented by slide/ film showing, laboratory work and group discussions. Pedagogy and Bioethics are incorporated in Principles of Medical Practice I. An introduction to medical Informatics is incorporated in Preventive Medicine and Community Health before the biostatistics session. Problem-based learning is gradually introduces in certain topics in Biochemistry and Physiology.

The second year deals with Pathology, Microbiology, Parasitology, Pharmacology, Preventive Medicine and Community Health, Psychiatry II and Medical Economics plus introductory courses in clinical subjects. In small groups, students begin to meet patients in actual hospital setting where they are introduced to history taking and physical examination.

The third year involves didactic lectures on common diseases encountered in clinical practice as well as interesting or rare conditions. Pathophysiology is reviewed while clinical features, diagnostic approaches and principles of management are emphasized.

The fourth year or clinical clerkship/internship is spent in actual patient care. Hospital rounds and group discussions give the student a good perspective on bedside manners, diagnosis and management. The clerks rotate through the different clinical departments for 48 weeks with periodic evaluation.

## Curriculum Leading to the Degree Of MBBS / BSMD

### First Year

Pre Medical : 16 month B.A., B.Sc. bachelors Course in Biology, Medical Technology, Nursing, Psychology etc. Those who hold a bachelors degree equivalent to pre medical can directly enroll in the four year MBBS-MD program.

### Second Year

- ▶ Gross Anatomy
- ▶ Physiology
- ▶ Biochemistry
- ▶ Neuroanatomy
- ▶ Histology
- ▶ Preventive Medicine & Community Health I
- ▶ Psychiatry I
- ▶ Principle of Medical Practice I

### Fourth Year

- ▶ Medicine II
- ▶ Surgery II
- ▶ Pediatrics II
- ▶ Obstetrics II
- ▶ Pharmacology II
- ▶ Preventive Medicine and Community Health III
- ▶ Clinico-Pathologic Conference/ Special Topics in Pathology
- ▶ Gynecology
- ▶ Radiology
- ▶ Psychiatry III
- ▶ Ophthalmology
- ▶ Otorhinolaryngology
- ▶ Legal Medicine/ Medical Jurisprudence

### Third Year

- ▶ General Pathology
- ▶ Medicine I
- ▶ Microbiology
- ▶ Pharmacology I
- ▶ Clinical Pathology
- ▶ Parasitology
- ▶ Preventive Medicine and Community Health II
- ▶ Surgery I
- ▶ Principle of Medical Practice II
- ▶ Obstetrics I
- ▶ Pediatrics I
- ▶ Psychiatry II
- ▶ Seminar I

### Fifth Year - Clerkship / Internship

- ▶ Medicine 10 weeks
- ▶ Pediatrics 8 weeks
- ▶ Surgery 8 weeks
- ▶ Obstetrics & Gynecology 8 weeks
- ▶ Preventive Medicine and Community Health 4 weeks
- ▶ Psychiatry 2 weeks
- ▶ Ophthalmology 2 weeks
- ▶ Otorhinolaryngology 2 weeks
- ▶ Radiology 2 weeks
- ▶ Anesthesiology 2 weeks
- ▶ Seminar II