



UNIFIED INTERNATIONAL BACHELOR'S - MASTER'S DEGREE PROGRAM

Sam Higginbottom Institute of
Agriculture, Technology & Sciences

Asian Institute of Technology
(AIT), Bangkok, Thailand

Sam Higginbottom Institute of Agriculture, Technology & Sciences (SHIATS), INDIA

SHIATS, while acquiring a place in the arena of the International Science and Technology has held a pioneering status in India in the field of Agricultural Sciences, Agricultural Engineering, Engineering, Biotechnology, Dairy Technology, Veterinary Science, Food Technology, Forestry, Business Studies, Theology, Education, Humanities, Film and Mass Communication and Health and Medical Sciences. Since its establishment in the 1910, the university offers twenty eight undergraduate, forty eight postgraduate, eleven diploma programs and doctoral programs in the above mention fields. AAI-DU was the first institution in Asia and fourth in the world to offer a degree program in Agricultural Engineering and is solely credited for establishing Agricultural Engineering education, research and extension in several African countries, Middle East and South Asian countries.

The Asian Institute of Technology (AIT), Bangkok, Thailand

AIT promotes technological advancements and sustainable development in the Asia-Pacific region through higher education, research and outreach. Established in 1959, AIT has become a leading regional postgraduate institution and is actively working with public and private sector partners throughout the region and with some of the top universities in the world. Recognized for its multi-national, multi-cultural ethos, the institute operates as a self-contained International community at its campus located 40 km North of Bangkok city center, Thailand.

AIT's mission states "to develop highly qualified and committed professionals who play leading roles in the region's sustainable development and its integration into the global economy".

RATIONALE

This joint venture will promote SHIATS-AIT cooperation among Indian / Asian students by paving a newer dimension of collaboration through this unique international unified Bachelor-Masters degree program. It will prepare a trained batch of future SHIATS-AIT researchers for quality research in dedicated fields. The program will focus on emerging areas to attract exclusive class of students.

This unified international bachelor-masters program will offer students a quality education with accelerated graduation leading to Bachelor and Master degrees in condensed duration at lesser cost with an international

exposure to diversified expertise. The entire program will be economical as compared to many other available alternatives including individual degree programs in India, Thailand, Europe, US or Australia.

OFFERINGS

This international unified bachelor-masters degree program will be spread over five years. Out of the total five years for integrated bachelor-master degrees, which is recognized by both AIT and SHIATS, some of the masters courses will be offered during the second/third years of studies as elective or as agreed by both parties and will be evaluated by AIT faculties. Thus students will be exposed

to advanced courses leading to master's degree during bachelor study itself. Students will spend first four years at SHIATS and the fifth year at AIT. For the course offerings by SHIATS faculty the cost will be born by SHIATS while the cost of course offerings by AIT faculty at SHIATS will be born by AIT. SHIATS will provide accommodation for AIT faculties during their stay at SHIATS.

Following emerging areas are identified for unified Bachelor Master program. The fields of study to continue masters at AIT as suggested by SHIATS based on the current demand and attractiveness for students.



Unified Bachelor's - Master's Degree Programs Offered

Field of Study for Bachelor's (B. Tech.) at SHIATS	Fields of study for masters at AIT [#]
1. Agriculture Engineering	Agricultural Systems & Engineering (ASE), Agri-business Management (ABM)
2. Food Technology / Dairy Technology	Agri-business Management (ABM), Food Engg. and Bioprocess Technology(FEBT)
3. Computer Science and Engineering	Computer Science (CS), Information & Com. Tech. (ICT)
4. Electronics and Communication Engineering	Telecommunications (TC), Mechatronics (MEC)
5. Electrical and Electronics Engineering / Electrical Engineering	Telecommunications (TC), Mechatronics (MEC)
6. Civil Engineering	Construction Engineering & Infrastructure, Management (CEIM), Transportation Engineering (TE)
7. Mechanical Engineering / Production and Industrial Engineering	Industrial Engineering and Management (IEM), Energy (E)
8. Water Resource Engineering	Water Engineering & Management

as per the existing fields of studies, however they will be updated accordingly if any of these fields of studies changed, renamed or restructured

Note:

The bachelor degree will be awarded by SHIATS and master's degree will be awarded by AIT.

The fees charged from the students during the first four years will be collected by SHIATS. The fees for the year five will be collected by AIT. The above proposed fees may change if SHIATS or AIT revise their fee structures or if there will be any serious fluctuations in the currency exchange rates in the future.

Students admitted to the unified course will be admitted to masters program at AIT provided they successfully complete the bachelors studies at SHIATS and meet the admissions criteria of AIT (7.0 / 10 CGPA). They need to score at least CGPA of 2.75 out of 4 in courses offered by AIT faculty at SHIATS

Fees paid by students who fail to achieve AIT's admissions criteria for admission to masters program or unable to continue studies due to valid medical reason certified by AIT endorsed medical agency will be refunded excluding the cost of AIT credits already taken at SHIATS. No fees will be refunded to those students who meet admission criteria to continue studies but do not wish to continue master's studies.

The fees to be charged by AIT during the fifth year include only tuition and registration. Students will bear the cost of visa, accommodation, food and other living expenses separately. AIT will make arrangements for accommodating students coming from SHIATS through this unified bachelor-masters degree program. AIT will arrange visas for all students admitted for studies at AIT.

The number of seats for each unified program will be 25. It will be filled by first

come first serve basis.

Any conflicting issues between student and SHIATS will be resolved in local jurisdiction of SHIATS, while any conflicting issues between student and AIT will be resolved within the jurisdiction of Bangkok.

AIT will appoint a representative at SHIATS to handle local issues related to Unified program on behalf of AIT. SHIATS will provide office space and other logistics required to this person.

Students of unified bachelor-masters program continuing master's studies will be eligible to compete for AIT scholarships/fellowships.

AIT will provide all possible support for the placement of graduating students through career development center at AIT. SHIATS will provide required assistance to students who are seeking bank loans for studies in this unified bachelor-masters program.

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