Program Handbook

Bachelor of Public Health (BPH)

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TEXILA AMERICAN UNIVERSITY- ZAMBIA

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1 INTRODUCTION

TAU Bachelor of Public health aids students with the skills, knowledge, and abilities to excel in the sector. Moreover, it enables public health aspirants to improve the quality of life and health in their communities. With an advanced course curriculum, our BPH degree will take learner's career to the next level.

The TAU Bachelor of Public Health is a 4 years' intensive blended public health programme for students wishing to enter the College of Allied Health Sciences to study public health. It provides a unique blend of global public health subjects and professional capacity development topics in research and project management. The curriculum combines theoretical modules with hands-on public health training. Additionally, it gets students ready for the more difficult Master of Public Health program.

This program is designed to give the learner the opportunity to acquire knowledge to enable them:

1. Explore the links between theory and practice in relation to the concepts and principles of public health.
2. Explore the factors that contribute to health and well-being of individuals, communities and populations.
3. Analyze the impact of policies on public health.
4. Understand the importance of research in the delivery of health services.
5. Articulate the role of public health in disease prevention and health promotion locally, nationally, and globally

2 RATIONALE

The Bachelor of Public Health program is being introduced to fulfil the essential goal of the training curriculum, which provides a framework for training of public health professionals that will contribute to the improvement of health of communities in line with Public Health Human resource needs at local, regional and International levels, through the provision of high quality public health services.

Furthermore, Public health is a great career for those who have a passion for improving health and reducing inequalities in health services delivery. Public health specialists work across organizations, particularly with local health organizations, local authorities and local communities, and in a variety of settings, from hospitals to local authorities and the voluntary organizations, on issues which affect health and well-being.

Program is aligned with Texila American University Mission and Vision

- To create health professionals for excellence in the contemporary world of tomorrow.
- To generate awareness in application of health science and wellness for the welfare of society.
- To provide a supportive global learning and research environment in health and allied sciences rising above the geographical and cultural boundaries.

3 AIM OF THE PROGRAMME

TAU Bachelor of Public health aids students with the skills, knowledge, and abilities to excel in the sector. Moreover, it enables public health aspirants to improve the quality of life and health in their communities. With an advanced course curriculum, our BPH degree will take learner's career to the next level.

4 OBJECTIVES OF THE PROGRAMME

The overarching goals of the curriculum in public health are to produce graduates who will:

- Rise to the challenge of understanding the world in a nuanced way expressing a broad world view and an expansive view of health.
- Be informed, attuned, and energized advocates of health accepting individual responsibility to effect positive change.
- Demonstrate skill in critical and analytical thinking.
- Communicate effectively both orally and in writing with a variety of audiences.
- Be sensitive and astute observers.
- Commit to being educated consumers of health information.
- Apply skills and tools acquired to an array of roles in the realm of employment contributing directly or indirectly to public health.

5 PROGRAMME LEARNING OUTCOMES

On successful completion of Bachelor of Public Health programme, graduates are expected to have gained the technical and professional knowledge and interpersonal skills necessary to work as competent professionals. The skills gained in the program will enable them to pursue a range of careers related to public health in Zambia and abroad.

5.1 KNOWLEDGE

- Selected themes and issues in public health
- Factors that influence health and well being
- Research methods used in public health
- Theoretical understanding of public health and related fields

5.2 THINKING SKILLS

- Apply theory in the assessment of public health policy interventions and developments
- Develop an understanding of, summaries and synthesize materials from a range of sources to analyze issues in health
- Identify, synthesize and evaluate relevant primary and secondary data sources
- Recognize e the diversity of perspectives under pinning public health
- Reflect on personal knowledge and develop strategies to enhance learning; and 6. Critically appraise research under taken in public health.

5.3 SUBJECT BASED PRACTICAL SKILLS

- Independent learning
- Problem solving skills
- Data collection and research skills
- Evaluation and analytical skills
- Locate and retrieve information from a variety of courses

5.4 SKILLS FOR LIFE AND WORK (GENERAL SKILLS)

- Convey ideas in an appropriate written and /or oral format, including where appropriate, presenting this information.
- Communicate effectively (in writing and verbally);
- The ability to select and utilize appropriate computer software
- Set goals and plan a program of work
- Develop personal learning style
- Work independently
- Sensitivity to the values and interests of others

6 PROGRAM STRUCTURE- BACHELOR OF PUBLIC HEALTH

Year	COURSE CODE	COURSE TITLE	CREDITS
1	BPH1111	Biology	10
1	BPH1112	Chemistry	10
1	BPH1113	Mathematics	10
1	BPH1114	Physics	10
1	BPH1115	Anatomy and Physiology	20
1	BPH1116	Principles Of Public Health	20
1	BPH1317	Public Health, Health Promotion and Education	20
1	BPH1118	Law and ethics in public health practice	20
2	BPH2111	Public Health Policy and Practice	16
2	BPH2112	Basics of Biostatistics	22
2	BPH2113	Principles of Epidemiology	22
2	BPH2114	Basics of Social and Behavioral Health	18
2	BPH2115	Health systems research	22
2	BPH2116	Public Health Informatics: Information systems & Management	20
3	BPH3111	Health and Disease	18
3	BPH3112	Communicable and Non-Communicable Diseases	24
3	BPH3113	Environmental Health and Pollution	18
3	BPH3114	Food Technology, Nutrition and Heath	22
3	BPH3115	Water supply and sanitation management	22
3	BPH3516	Field attachment	16
4	BPH4111	Family Health & Demography	16
4	BPH4112	Maternal and Child Health	22
4	BPH4113	Health Management & Health Resource Development	22
4	BPH4114	Health Economics and Health Care Finance	20
4	BPH4515	Project Work	40
		Total Credits	480

7   TEACHING AND LEARNING PLAN

Texila American University Zambia is providing quality education with its state-of-the-art infrastructure, best learning methodology and technology enabled academic services.

- Uniquely Designed Learning Methodology
- Outcome Based Academic Delivery
- Continuous Academic Support
- Enhanced Learning Management Systems
- Technology Enabled Services
- Project work, promote integrated learning and understand the connections between various subjects

MODE: Trimester Based - Online

Total 16 weeks in the Trimester (2 courses per trimester)

1 week for Exam, Result Declaration - End of 5th Month of the Trimester.

CONTENT/MATERIAL :

4 Modules Per Course, 3 Units per Module & 6 (5-7) Chapters in each Unit = (4x3x6)= 72 Chapters

Instructional hours through University Campus: Per course 14 hrs (2hrs x 1days x 7 weeks)

Suggestive Lecture Duration: 1 Module in two Classes (2 hrs per class/ per week)

MODE: Block Based - Online

Total 8 weeks in the Block (1 course per Block)

1 week for Exam, Result Declaration – 12th week of the Block.

 CONTENT/MATERIAL :

4 Modules Per Course, 3 Units per Module & 6 (5-7) Chapters in each Unit = (4x3x6)= 72 Chapters

Instructional hours: Per course 2 hours Webinar Session

Suggestive Lecture Duration: 4 Module discussion in 2 hours Webinar Session

8 ASSESSMENT AND EVALUATION POLICIES

Program is delivered in Semester pattern A candidate must pass both formative assessment and summative assessment. Candidate should secure at least 50 % of total marks in formative as well as summative assessment to clear each course.

Assessment per Course	Weightage
Formative Assessment	
4 MCQ Test	20%
Case Study	20%
Total	40%
Summative Assessment	
Final Exam (50 MCQ) Questions	60%
G.Total	**100%**

9 SCORING CRITERIA FOR FORMATIVE & SUMMATIVE ASSESSMENT FOR THE BPH PROGRAM

Grade	% Mark	Descriptor
H	91-100	**Honors.** *Exceptional performance demonstrating broad understanding of the subject area and exceptional knowledge of the relevant literature. Exemplary discussion and analysis of results, logical organisation and ability to critically analyse and evaluate discuss concepts coupled with insight and originality.*
A	81-90	**Outstanding**. *Very good performance demonstrating evidence of wide reading, with clear presentation and thorough analysis & evaluation and an ability to critically evaluate and discuss the subject. Clear indication of some insight and originality. A very competent and well-presented work overall but failing short of excellence in some aspects.*
B	71-80	**Excellent**. *Good performance which shows good understanding of the subject and knowledge of the relevant literature. Efficient derivation of information with only minor slips. Demonstrates some relevant interpretation and critical evaluation of the subject. Good general standard of analysis, synthesis & interpretation of data.*
C	61-70	**Good.** *Satisfactory performance with clear presentation of subject and simple analysis but less effective evaluation of literature or synthesis of information. Requires some level of supervision but shows little ability to try and solve some problems unaided.*
D	50-60	**Fair**. *An average performance which shows some understanding of the subject but limited knowledge and appreciation of the relevant literature. Presentation of, analysis and presentation of results at basic level and showing little or no originality or critical evaluation. Insufficient attention to organisation and presentation of work.*
F	0-49	***Fail*** . *A bad performance containing many errors and faults. Virtually no real understanding or appreciation of the subject and relevant literature pertaining to it. Chaotic presentation of information and in some cases incompletely presented and virtually non-existent or inappropriate or plainly wrong analysis. Discussion and interpretation seriously confused or wholly erroneous revealing basic misapprehensions.*

10   FACILITIES FOR PROGRAMME DELIVERY

TAU has excellent facilities for the program delivery designed keeping in mind the needs of the student in all means.

Classroom:

All our classrooms are well equipped with Hi tech facilities like specially designed classroom projector with computer with uninterrupted network connection. Our entire classrooms are centralized air-conditioned with good lighting. Comfortable seating arrangements are made for student's comfort. We have well equipped and designed computer laboratory with more than 60 computers and one dedicated Server connection for use. To strengthen our Information and Communication technology we have authorized CISCO networking systems.

Research policy: TAU-Zambia has a separate research policy to develop and maintain state of the art technology, resources (research grants/scholarships etc.,), facilities and personnel to support educational and advanced research for both students and faculty.

Learning Management System (LMS) :

Learning Management System is the Academic Delivery platform for student, through which lecture contents, video lectures, learning resources, assessment, project submission, grading, etc. A Learning Management System (LMS) is a web-based application through which learning content is delivered and managed. An LMS is tied to on-line and off-line training, administration, and performance management and includes functionality for course catalogs, launching courses, registering learners, tracking learner progress and assessments. An LMS combines a front-end for the learner with a back-end for administrators and instructors. This LMS seamlessly displays, in a browser interface, real-time information drawn from a database. It also allows for competency-driven assessment and course associations

Enterprise Resource Planning Portal (**ERP):** ERP is Campus Management System, it manages enrolled students database, exam results, faculty details, student 's survey, calendar etc. All students are provided access to this portal for viewing followings: • Enrollment Status, Profile of the Student, Exam Results, Calendars, Invoice and Payment Status.

E-Conference:

E-Conference is an innovative platform which provides an excellent international forum for sharing knowledge and results. The E-Conference was conducted on the OPEN FORUM, the first of its kind. It includes Open forum, all accepted articles will be placed for discussion. Every article to be reviewed

by other Authors or Reviewers. The Reviewers or Authors can place in their comments and views on the article as part of the discussion forum. The highlight of the Open forum discussion is that there is no time or place constraint.

E-Journal:

E-INTERNATIONAL JOURNALS OF ACADEMIC & SCIENTIFIC RESEARCH: EIJASR

is an endeavor by the organization to overcome the barriers in the easy and fast access of research data? Our goal has been to go beyond borders in the field of academic research. There is an interactive platform where individuals can gain access to educational and scientific journals. Besides publishing journals related to various field of study, the EIJASR helps in indexing and calculation of impact factor of journals. This online journal website assists students in checking out the findings and scientific details of the latest technologies and diseases. It helps one to publish his or her findings and create awareness about it in the scientific and medical field. There is a great shortage of platforms where one can publish his thesis or findings and it has led to various discoveries and cures being shelved up.

Library

TAU-Z has good number of relevant books for the students to refer and make use of the books for their academic growth. Our E-Library is a learning hub for students to satisfy their thirst for inquisitive knowledge and urge. Our huge database is filled with information which can easily help in your academic brilliance.

11 ENTRANCE REQUIREMENTS, CURRICULA AND DEGREE REGULATIONS

- Five (5) "O" level credits or better with Mathematics at merit level and which must include English, Mathematics, Chemistry, Biology and Physics **or** English Language, Science, Biology (or Agricultural Science) and any other acceptable subjects.

- Proficiency in English

- **Non- English-Speaking Countries:**

  Additional requirements required as proof of English proficiency from

  - TOEFL (Test of English as a Foreign Language)
  - IELTS (International English Language Testing System) Score of 4.0 and above
  - Cambridge/ The International Baccalaureate (IB)

Recognition of Prior Learning

- Five (5) "O" level credits or better with Mathematics at merit level and which must include English, Mathematics, Chemistry, Biology and Physics **or** English Language, Science, Biology (or Agricultural Science) and any other acceptable subjects.

(and)

- 3 years Diploma in relevant specialty from recognized university

(or)

- 2 years Diploma in relevant specialty from recognized university with 3 years of work experience
- Certificate (6 months) + Diploma (1.5 Years) in relevant specialization from recognized university with 3 years of work experience in relevant sector (accepted case to case)
- Proficiency in English

12 EXAMINATIONS

- Formative assessment comprises of 40 % and Summative assessment comprises of 60% weightage.

- A candidate must pass both formative assessment and summative assessment.

- Candidate should secure at least 50 % of total marks in formative as well as summative assessment to clear each course.

13 REFUND POLICY

- Non-refundable charges: Online application fee, Admission Processing charges, VISA Processing charges, Seat Deposit, Ancillary fees, Administrative Charges and all complementary benefits (if any) offered, are non-refundable.

- Fee paid towards the completed and current Trimester shall not be refunded.

- Student withdrawing before start of the program and have paid complete fees will be refunded after deduction of non-refundable charges.

- Student withdrawing after start of the program and before completion of current Trimester and have paid fees will be refunded after deduction of the non-refundable charges and current semester fee.

- Student requesting for refund should submit formal request, which is subject to evaluation. Refund payable if any shall be processed as per refund policy.

14 CAREER PROGRESSION:

There are numerous opportunities in the vast field of public health, both nationally and globally.

15 DEGREE REGULATIONS

On successful completion of the program, the candidate will be awarded with the "Bachelor of Public Health" degree by Texila American University, Zambia.

15 DEGREE REGULATIONS