EDUCATION COURSES – SEMESTER 1

COURSE CODE: EBS 303 CREDITS: 3 COURSE
TITLE: ISLAMIC STUDIES FOR BASIC SCHOOL TEACHERS
Course Description: The course equips the basic teacher with the fundamentals of Islam. It is designed to enhance the knowledge and understanding of the student for effective teaching of Religious and Moral Education at the Basic School.

COURSE CODE: EBS 317 CREDITS: 3
COURSE TITLE: PSYCHOLOGICAL PERSPECTIVES IN RELIGIOUS AND MORAL EDUCATION
Course Description: This course explores what psychology says about Religious Education. It is designed to expose students to the kind of Religious and Moral Education in children and young people appear to be ready for at various stages of their development.

COURSE CODE: EBS 103 CREDITS: 3
COURSE TITLE: INTRODUCTION TO RELIGIOUS AND MORAL EDUCATION
Course Description: This course examines the nature, common assumptions and scope of Religious and Moral Education. It explores current principles and theories of Religious and Moral Education and their application to the teaching and learning of religious and moral values. Lectures, film shows, discussions, group/individual presentations would use to discharge the contents of this course.

COURSE: EBS 215 – ENGLISH FOR BASIC SCHOOL TEACHERS CREDIT: 3
Course Description: Apart from exposing students to some fundamentals of English grammar, the course also introduces students to elements of literature in English with emphasis on the novel. The course is also intended to help students identify errors in their own use of language as a means of improving upon their language both as language users and language teachers.

COURSE: EBS 212 – FUNDAMENTALS OF TEACHING READING CREDIT: 3
Course Description: This course is designed to expose students to strategies for teaching reading skills at the basic level. Students will be helped to analyse philosophies, approaches and concepts about Reading. Basically, students should be able to develop the skills for teaching reading, and use appropriate and effective strategies for handling pupils’ reading handicaps.

COURSE: EBS 314E – METHODS OF TEACHING ENGLISH LANGUAGE IN BASIC SCHOOLS CREDIT: 3
Course Description: The course is designed to establish an inter-face between language development theories and the teaching of major components of English. Philosophical and theoretical issues will be examined in relation to language acquisition and learning for the development of the skills of listening, speaking and writing. Apart from exposing students to the teaching of English language, the course also gives opportunities to students on how they can use literature in English to enhance pupils’ language.
COURSE: EBS 216:  SCIENCE FOR PRIMARY SCHOOL TEACHERS  CREDITS: 3
Course Description: This course is intended to equip teachers with the necessary professional skills and enthusiasm to provide an environment for pupils at basic school level in which healthy interest in science can be fostered and/or nurtured.

COURSE: EBS 105- INTEGRATED SCIENCE – LIVING AND NON-LIVING THINGS CREDITS: 3
Course Description: This course is intended to equip teachers with the necessary professional skills and enthusiasm provide an environment for pupils at basic school level in which healthy interest in science can be fostered and/or nurtured. Class delivery, demonstrations, experiments, hands-on and in-class activities will be the main vehicles of operation. An integrated approach to the teaching and learning of science should be the mode of delivery.

COURSE: EBS 314I-METHODS OF TEACHING INTEGRATED SCIENCE  CREDITS: 3
Course Description: The course is intended to equip teachers with some of the modern, simple, effective and diverse ways of reaching out positively to the pupils at the basic school level, and to the students in the training colleges.

COURSE: EBS 305:  CIRCULATORY SYSTEM  CREDITS: 3
Course Description: This course is intended to equip knowledge and skills to describe the structure and function of the human heart as the main pumping station of the blood to all parts of the body and to explain the importance of circulatory system in the body of mammals. Class delivery, demonstrations and in-class activities will be the main vehicle of operation. An integrated approach to the teaching and learning of circulatory system will be the mode of delivery.

COURSE: EBS 405- INTEGRATED SCIENCE IX – CHEMICAL REACTION  CREDITS: 3
Course Description: This course is intended to equip teachers with the necessary knowledge, professional skills and enthusiasm to provide an environment for pupils and students at basic and secondary school levels respectively, in which healthy interest in science can be fostered and/or nurtured. The course provides the students with knowledge and skills about principles underlying chemical reactions. It explains why some chemical reactions are slow while others are fast. It enables students to explain rates of chemical reactions and equilibrium using collision theory. Class delivery, demonstrations and in-class activities will be the main vehicle of operation.

COURSE: EBS 106  AIR AND SOIL  CREDITS: 3
Course Description: This course is intended to equip with the necessary professional skills and enthusiasm to provide an environment for pupils at basic school level in which healthy interest in science can be fostered and/or nurtured. Class delivery, demonstrations, experiments, hands-on and in-class activities will be the main vehicles of operation. An integrated approach to the teaching and learning of science should be the mode of delivery.
COURSE: EBS 210: PSYCHOLOGY OF CHILDHOOD  CREDITS: 3
Course Description: The course examines the process of development of the child and the established principles and conditions in development which have implications for teaching and learning in the basic school. This is because modern educators now stress the need for teachers to study and understand the child first, as a person, since knowledge of the whole child provides a better guide to his development.

COURSE: EBS 412: EDUCATION OF CHILDREN WITH LEARNING DISABILITIES  CREDITS: 3
Course Description: The course is designed to equip students with an in-depth knowledge about the causes and characteristics of the learning disabled (LD) child. It will also focus on the various strategies teachers can use in managing the LD child effectively in the regular classroom. A practical component (Practicum) of teaching children with learning problems at the Child Development, Research and Referral Unit (CDRRU) and other designated schools is also included.

COURSE: EBS 210: EARLY CHILDHOOD CURRICULUM  CREDITS: 3
Course Description: The course will provide sound understanding of the concept, elements, and models of Early Childhood Curriculum (Programmes). It will also expose the students to the key factors to be considered when scheduling and planning activities in Early Childhood Programmes. In addition several, cognitive, physical, logical and language development of the child will be considered.

COURSE CODE: EBS 317  CREDITS: 2
COURSE TITLE: BASIC SCHOOL ADMINISTRATION AND SUPERVISION
Course Description: The course is designed to equip students with knowledge, skills and techniques of School Administration, Management and Supervision. It examines the concepts, processes and task areas in School Administration, Management and Supervision. The course reviews the major theories and principles of management and leadership, and examines their application to the Ghanaian school system with particular reference to Basic School Administration and Supervision. Organizational/School climate, motivation and factors responsible for job satisfaction shall also be thoroughly examined.

COURSE CODE: ECE 303  CREDITS: 2
COURSE TITLE: MANAGEMENT AND SUPERVISION OF EARLY CHILDHOOD CENTRE
Course Description: The course is designed to equip students with knowledge, skills, techniques, values and attitudes which headteachers of Early Childhood Centers need in order to perform their roles and functions as effective managers and supervisors. It examines the different philosophies that underlie the management and supervision of Early Childhood Centres; Concepts, processes and task areas in pre-school management. The course stresses the importance of the head in planning, organizing, controlling and co-ordinating of activities of Early Childhood Centre. It also enables the head to provide strong leadership to ensure that each child’s natural curiosity, ability and interest are enhanced. The course is also designed to equip students with the knowledge, skills and techniques of school supervision.

COURSE CODE: EBS 502  CREDITS: 3
COURSE TITLE: SUPERVISION OF INSTRUCTION IN BASIC SCHOOLS
Course Descriptions: The course examines the basic concepts of Supervision and Supervision of Instruction. The course focuses on Supervision of Instruction in Basic (Elementary) Schools from its historical perspective and links it to the practice of Instructional Supervision today. It considers Supervision of Instruction as a process for improving teaching and learning in schools and examines the practices of supervision that support effective teaching and learning in Basic Schools. The roles of all school personnel designated for supervision in Basic Schools (external and internal/school-based) and the different techniques, format and instruments for instructional evaluation and reporting will also be thoroughly examined.

COURSE CODE: EBS 501 CREDITS: 3
COURSE TITLE: MANAGEMENT TECHNIQUES IN BASIC EDUCATION
Course Description: The course is designed to equip students with knowledge and techniques in managing basic schools. The course examines the nature of organizations, approaches to organization and management, the nature of management, managerial behaviour and effectiveness, the nature of leadership and job satisfaction and work performance. Decision-making, management control and power, and management development and organizational effectiveness will also be thoroughly examined.

COURSE: EBS 203: BIBLICAL STUDIES (OLD TESTAMENT) CREDITS: 3
Course Description: This course is designed to equip students with the requisite knowledge on issues pertaining to biblical studies (O.T) for effective teaching of concepts in religious and moral education (R.M.E.). It examines certain relevant topics as well as the cultural, historical and social background of these topics and how they impact on the spiritual and moral development of young people.

COURSE: EBS 103: INTRODUCTION TO RELIGIOUS AND MORAL EDUCATION
Course Description: This course examines the nature, common assumptions and scope of Religious and Moral Education. It explores current principles, theories and practices which underpin the teaching and learning of spiritual and moral values. It further examines mechanisms for creating a moral community, issues pertaining to moral knowledge and moral action and reasons why there is often a gap between moral knowledge and moral action.

COURSE: EBS 314R: METHODS OF TEACHING RELIGIOUS AND MORAL EDUCATION CREDIT: 3
Course Description: The course is designed to equip students with requisite knowledge, skills, attitudes and techniques needed to enhance effective teaching of Religious and Moral Education (R. M. E.) It examines current developments and strategies in the teaching of RME It further highlights models of teaching, profile dimensions as well as lesson notes preparation.

COURSE: EBS 217: Ghanaian Language for Basic School Teachers (Akan) CREDIT: 3
COURSE DESCRIPTION: This course is designed to prepare Basic School Teachers to be able to teach Ghanaian Languages in the basic schools as required by the Language policy. The course equips teachers with the content of Ghanaian language, in the areas of phonology, reading, writing, grammar and usage, oral language and customs. This is a language and literature content course, designed to prepare Basic students who are required to teach the core content of the Ghanaian Language in Primary and Junior High School. The course covers aspects of Phonology, Structure (Syntax or Grammar), Oral and
Written literature, Customs and institution, and Usage of the language. Student will be given weekly projects in the form of essay writing and some aspects of Oral literature to be compiled into a book at the end of the semester.

The course is aimed at helping students to acquire a sound base in the content of the Akan language to enable them teach the subject in the future. The course also looks at the genres of literature with emphasis on Drama, Prose and Poetry.

COURSE: ECE 313: Ghanaian Languages as Medium of Instruction 3 Credits

**COURSE DESCRIPTION:** The objective of this course is to introduce students to techniques and skills of using the mother tongue as a medium of instruction in the Basic School. It focuses on the rationale for language policies in education and their effects, and the study of various research works on mother tongue education around the world and relating them to the Ghanaian situation. The students will require the theoretical principles for instructing children in the mother tongue, with emphasis on the basic language skills, and the integration of these skills and selection of appropriate vernacular reading materials for classroom teaching/learning.

COURSE: EBS 314 G: Methods of Teaching Ghanaian Languages 3 Credits

**COURSE DESCRIPTION:** This course explores current methods and materials for teaching Basic school language arts, including oral language development, spelling, reading, handwriting and written expression in the Ghanaian languages. It is designed to familiarize prospective teachers with effective teaching techniques and assist them to develop long and short-term lesson plans.

COURSE: ECE 221: Ghanaian Language for Early Childhood Education Teachers 3 Credits

**COURSE DESCRIPTION:** This course is designed to prepare teachers to be able to teach Ghanaian languages as required by the Language policy. The course equips teachers with the content of Ghanaian language, in the areas of phonology, reading, writing, grammar and usage, oral language and customs.

This is a language and literature content course, designed to prepare students who are required to teacher the core content of the Ghanaian Language in lower Primary school. The course covers aspects of Phonology, Structure (Syntax or Grammar), Oral and Written literature, Customs and institution, and Usage of the language. Student will be given weekly projects in the form of essay writing and some aspects of Oral literature in order to assist them publish a simple childrens’ story book at the end of the semester.

The course is aimed at helping students to acquire a sound base in the content of the Akan language to enable them teach the subject in the future. The course also looks at the genres of literature with emphasis on Drama, Prose and Poetry.

COURSE: EBS 314M: METHODS OF TEACHING BASIC SCHOOL MATHEMATICS CREDITS: 3

**Course Description:** A critical appraisal and study of the basic school mathematics curriculum, the methodology and the development of materials for teaching it; overview of children’s cognitive development and the construction of mathematics concepts and relationship. Study of relevant research and literature on mathematics learning and instruction; and psychological issues of learning difficulties, remedial teaching, mathematics anxiety. Use of calculators to aid problem solving in primary school mathematics.
COURSE: EBS 218: ENVIRONMENTAL / SOCIAL STUDIES FOR BASIC SCHOOL TEACHERS  CREDITS: 3 CREDITS
Course Description: This course is designed to equip students offering the course with requisite knowledge, attitudes and skills that will enable them study their physical and social environment. It is again aimed at fostering understanding of the factors that tend to promote harmony and disharmony at the local, national and international levels. It is also aimed at helping students to demonstrate understanding and appreciation of relevant contemporary environmental and social issues with the ability impart and commitment to influence public policy.

COURSE: EBS 109: FOUNDATIONS OF SOCIAL STUDIES (LEVEL 100)  (3CREDITS)
Course Description: The course is designed to provide opportunities for students to learn the nature, meaning and scope of social studies. The relation between the social sciences and social studies as well as the ways of integrating them will also be discussed. The course will also trace the history of the development of social studies in Africa with particular emphasis on Ghana.

COURSE: EBS 216: SCIENCE FOR PRIMARY SCHOOL TEACHERS  CREDITS: 3
Course Description: This course is intended to equip teachers with the necessary professional skills and enthusiasm to provide an environment for pupils at basic school level in which healthy interest in science can be fostered and/or nurtured. Class delivery, demonstrations, experiments, hands-on and in-class activities will be the main vehicles of operation. An integrated approach to the teaching and learning of science should be the mode of delivery.

COURSE: EBS/ECE 111 – INTRODUCTION TO EARLY CHILDHOOD CARE & DEVELOPMENT  CREDITS: 3
Course Description: The course highlights the importance of early years of life, and examines systems of organized early care and education for children in Ghana. It emphasizes current trends towards comprehensive, integrated and quality programmes of child survival, development, and education in Ghana. It includes the role assessment plays in early childhood programmes, the linkage between authentic curricula and assessment, and the role teachers and parents play in the assessment process.

COURSE: EBS 101: BASIC MATHEMATICS I  CREDITS: 3
Course Description: The course, Basic Mathematics 1, is a required course in the Bachelor of Education (Basic Education) programme. The course focuses on some selected topics at the Senior High School (SHS) level with the view of increasing students understanding of these concepts. The goal is to help prospective basic school mathematics teachers acquire the requisite content knowledge and skills necessary for effective and successful teaching and learning of the subject. As such, this course is a consolidation of the students’ SHS content knowledge.

COURSE: EBS 214: MATHEMATICS FOR BASIC SCHOOL TEACHERS  3 CREDITS
Course Description: The course is designed to give students a deeper understanding of the nature and use of natural numbers, whole numbers, integers, rational numbers and real
numbers; explore fundamental properties of number systems and develop intuitive proofs of these properties, investigate number sequences, patterns and relationships, solve a variety of problems using estimation, appropriate algorithms and calculators, create and use charts and graphs to describe mathematical relationships; describe relationships using variables and algebraic notations, use equations and inequalities in expressing real-world relationships. The course will also enable students develop an understanding of geometric concepts and relationships, investigate properties of shapes, explore concepts of rotations, reflections and translations; collect, represent and interpret data including the finding of mean, mode and median, determine experimental and theoretical probabilities.

COURSE: EBS 201: ALGEBRA I AND TRIGONOMETRY 3 CREDITS

Course Description: The course is designed to give students a deeper understanding of some basic mathematical concepts in algebra and trigonometry. The course will cover the following content areas:
Algebra: The real number system, inequalities of polynomials and rational expressions; Roots of quadratic equations; reminder theorem; binomial theorem for rational index; estimating roots and linear interpolation, Exponential and Logarithmic functions; Algebra of matrices and their inverses; Trigonometry: Trigonometric identities, functions and their inverse functions.

COURSE: EBS 318: MATHEMATICAL INVESTIGATIONS 3 CREDITS

Course Description: The course, Mathematical Investigations is a required course in the Bachelor of Education (Mathematics) programme. The course focuses on investigations in mathematics. It is to introduce students to problem solving techniques by way of making simple investigations with patterns of shapes and numbers. It is also to highlight on the need for inductive reasoning and reflective thinking. The goal is to help prospective high school mathematics teachers acquire the knowledge and skills in practices necessary for relating mathematics to real life situations for successful teaching and learning of the subject. In other words, the course is aimed at helping students to identify and develop practical strategies in solving real life mathematics problems.

COURSE: EBS 301 Statistics I 3 CREDITS

Course Description: This course is designed to introduce students to basic statistics. Specifically, students will be introduced to descriptive statistics and some basic concepts of probability. It is also to lay a foundation for further studies in Statistics. The course is a pre-requisite for EBS 302: Statistics II and Vectors.