

Course Descriptions

Professional Requirements

CTSE 121 PRINCIPLES OF TEACHING 3 Credits

This course focuses on effective teaching. It also includes on examination of a student involvement in the classroom and the application of the principles of learning. Topics will include: meaning and importance of principles of teaching, types of principles of teaching and learning, the goal, principles of teaching and learning, learning and scope of learning, basics principles of learning and the use of motivation in teaching and learning.

CTSE 122& 225 TEACHING PRACTICE I AND II 6 Credits

This course exposes the learner to the practical part of Teaching. The learner gets an actual experience in the classroom teaching and school environment in a secondary school for a period of six weeks.

- CTSE 213 INSTRUCTIONAL MEDIA AND TECHNOLOGY 2 Credits
 This course examines the importance of educational technology in the teaching and learning process. The selection and preparation of various media are studied including chalkboard, display board, graphics materials, projectors, video tape recorders etc.
- CTSE 214 CURRICULUM DEVELOPMENT 3 Credits
 Curriculum development is a course intended to introduce student teachers to foundations and principles of curriculum development. Parties of it include curriculum theory, types of curriculum components, models of curriculum development and components of the curriculum materials. Also the background of curriculum development and components of curriculum development in Tanzania will be reviewed.
- EPSE 221 EDUCATIONAL STATISTICS 2 Credits
 Educational statistics gives general statistical skills to the learner. The course provides basic information about data collection, analysis presentation and Interpretation
- EPSE 312 EDUCATIONAL PSYCHOLOGY 3 Credits
 This course introduces students to the scientific study of human behaviors and the principles with which learning can be increased and directed through education. It is primarily concerned with the nature, conditions, outcomes and evaluation of classroom learning. Many theories applicable to classroom learning are emphasized. It also includes human development from birth through old age.
- EPSE 313 MEASUREMENT AND EVALUATION 2 Credits
 This course looks at educational tests, measurement and evaluation, its nature and functions, including the use and construction of essay and objective tests.
- EPSE 314 EDUCATIONAL RESEARCH METHODS 2 Credits
 This course examines principles that govern educational research. It focuses on the contribution of scientific research to solutions in areas of education as well as assists the student in understanding and developing the various stages of the research process. The course prepares the student to develop a research proposal and write a project.

- EPSE 325 GUIDANCE AND COUNSELLING 2 Credits
 Guidance and Counseling is an introductory course designed to place into perspective the current need of guidance and counseling. Examining of main philosophical tenets underlying relationships, as well as the role of ethics and confidentiality, the guidance team, counseling dimensions, skills therapeutic ingredients that facilitate client growth, career development and appraisal process. Finally, clarification, moral development, sex education, current issues and trends confronting school guidance and counseling are highlighted.
- EPSE 326 EDUCATION RESEARCH PROJECT 1 Credit
 This course introduces the student to research techniques. The learning formulates the topic which should be approved by the department and later the accomplishment of the research proposal.
- EASE 320 EDUCATIONAL ADMINISTRATION 2 Credits
 This course offers a study of the administrative processes in education, the role of the administrator, and the supervision in relation to classroom teaching, supervision of personnel, educational planning and organizational structure of the educational system.
- EFSE 211 PHILOSOPHY OF EDUCATION 3 Credits
 This course gives a general background to and survey of Philosophy with emphasis on the educational implications. A historical overview discussion and presentation of philosophy from classical to contemporary time is given feature western and African as well as secular and Christian philosophies.
- EFSE 212 SOCIOLOGY OF EDUCATION 2 Credits
 Sociology of Education is a course, which deals with problems and issues of contemporary education. These aspects are examined from social, scientific, historical and philosophical perspective. Topics include meaning and scope of sociology of education, sociologists and their contributions, sociological factors affecting education in Tanzania, the role of socialization agent, discipline, formal and informal education, interest and impact of education environments.

EFSE 323 HISTORY OF EDUCATION 3 Credits
The course examines the development of education in East Africa countries i.e. Kenya, Uganda and Tanzania, from the pre-colonial period to the present.

B.ED. History

HISE 111 AFRICAN HISTORY I 3 Credits
This course examines origins and development of African History from the earliest times to 1800. Emphasis will be placed on the study of the following: The sources of African History, the roots of African cultures, African traditional economics, migration, the slave trade and the prelude to colonialism.

HISE 112 HISTORY OF TANZANIA 3 Credits
This course surveys pre-colonial history of Tanzania, the intrusion of a colonial authority in the region. Thus it covers the geographical background of Tanzania, the peopling of Tanzania. It examines political changes, economic, social and religious, Interethnic relations, interaction and wider contacts with the outside world.

HISE 121 AFRICAN HISTORY II 3 Credits
This course examines major themes in African History from 1800 to the present. It will focus on the impact of the slave trade on African societies, the scramble and partition of Africa, the Colonial Economy, African reactions to the imposition of colonial rule, nationalist movements, independence and after.
Prerequisite: HISE 111.

HISE 122 HISTORY OF USA UP TO 1900 3 Credits
This course familiarizes students with the history of the United States of America from the earliest settlements to 1900. It will be a broad and comprehensive survey of the development of the American nation and its various institutions from discovery and entry into World War I. The course develops in some detail certain historical issues of interest – the growth of British territory and power, winning war for independence, creating federal union. Expanding the Nation Boundaries and the impact of World War I.

- HISE 123 HISTORY TEACHING METHODS 2 Credits
 This course deals with selected methods and instructional aids used in teaching history in secondary schools. Students will be taught how to develop scheme of work and lesson plans that incorporate creative methods of teaching, addressing the cognitive, affective, and psychomotor domains of instruction. Some of the methods to be discussed will include inductive and deductive methods, lecture, discussion, group discussion, question and answer, study groups, panel, role playing, simulation, project and assignment.
- HISE 211 THEMES IN EAST AFRICA 3 Credits
 A systematic introduction to East African history since 1890, emphasis major topics within chronological framework. Topics for discussion include Arab and European, colonial imperialism, rule and policies, land issue: peasantry and settler economies, transformation in the 20th century, rise of Nationalism, struggle for independence: post – independent and contemporary East Africa. Prerequisite: HISE 111 and HISE 121 or permission of lecturer.
- HISE 212 HISTORY OF EUROPE 1789 – 1919 3 Credits
 A study of the historical development in Europe, including the French Revolution, the Napoleonic Era, the Congress of Vienna, the Concert of Europe, rise of nationalism of Germany and Italy, and the first World War, as well as its causes and aftermath.
- HISE 221 ECONOMIC HISTORY OF AFRICA 3 Credits
 This course examines major trends in the evolution of subsistence economies, agriculture, industries, commerce and trade; Emphasis on factors of production, land tenure and land use, spread of Agriculture, long distance trade and trade routes. Trans-Sahara trade. The colonial economic. Students also will analyze the impact of colonial economy in political, social and economic values.
- HISE 222 EUROPE SINCE 1919 3 Credits
 A study of the development of Europe, including the end of World War 1, peace Makers, Fascism and Nazism, World War II, rise of United Nations, Cold War and World order.

- HISE 311 HISTORY OF CENTRAL AFRICA 3 Credits
 This course surveys the history of Central Africa. It covers the major following areas. The Iron age, the emergency growth of African Kingdoms, the scramble, conquest and colonization, the liberation and independence of Central African countries.
 Prerequisite: HISE 101 and HISE 102 or permission of lecturer.
- HISE 312 HISTORY OF WEST AFRICA 3 Credits
 The course examine major historical developments in the history of West Africa from 1800 to the present: Emphasis on political, cultural, economic and social changes: West Africa under colonial rule; The Colonial economy and the beginning of modern Africa politics.
- HISE 321 HISTORY OF SOUTH AFRICA 3 Credits
 This course surveys the history of Southern Africa. It traces the rise and development of Africa Societies in the region from the pre-colonial period to present. Particular attention paid to the arrival of European, the rise of Zulu Empire, Economic Development, the rise of nationalist party, the apartheids Era etc.
 Prerequisite: HISE 101 and HISE 102 or permission of lecturer.
- HISE 322 USSR HISTORY 3 Credits
 A study of development of the Soviet Union since 1917. Special attention is given to the following topics: Growth of the Russian Revolutionary Movements; the revolution of 1917; the development of the communist state under Lenin, Stalin, Khrushchev and their successors; Soviet economic and foreign policies and the role of the USSR in the contemporary world. The **impact of Gorbachev's revolution, including "perestroika glasnost"** will be explored, studied, analyzed, and discussed in historical perspective.

B.ED. Geography

- GESE 111 POPULATION GEOGRAPHY 3 Credits
 The course gives the student a general view of the earth, its genesis and current geographical being especially its environmental components and their interaction as the basis of differentiation into various regions. Typical characteristics of

various areas on the earth's surface will be analyzed and justified. Further, the interaction of man in general and different human **societies in particular with the resources of the earth's physical** system will be considered. An examination will be done on the disparities in prosperity among different parts of the world in an attempt to appreciate the contemporary social, economic, political and environmental issues facing humanity.

GESE 112 SPATIAL ORGANIZATION 3 Credits
This course is central to geography and is concerned with the spatial distribution of natural and human features in geography. The main concentration is on the variation of human resources and natural resources or space.

GESE 121 FUNDAMENTAL OF PHYSICAL GEOGRAPHY 3 Credits
This course aims at developing in students awareness about the atmosphere, hydrosphere and lithosphere as interrelated and **geographically viable entity of the earth's physical landscape and** natural environment of man. The emphasis is directed to the major **earth's geology and topographic features caused by endogenic** processes e.g. volcanicity faulting, folding, theory of **Metatectonics, materials of the Earth's surface e.g. (sedimentary and** metamorphic rocks, weathering process and the concept of atmosphere and hydrosphere its evolution, composition, heating and basic flow patterns.

Students should further understand theories pertaining to fluvial process in landform development, mass movements and erosion by water and wind. Concepts about the hydrological cycle, caused and characteristics of precipitation anomalies, water balance, ground water balance, origin and evolution of rivers, drainage network and stream orders slope erosion by water as well as wave erosion.

GESE 122 FUNDAMENTALS OF HUMAN GEOGRAPHY 3 Credits
This course introduces students to the main field of human geography; it emphasizes the basic components of spatial organization of societies covering for example, rural settlements, rural land use and economic activities; urban land use and urban economy; as well as spatial relation and interaction.

- GESE 123 GEOGRAPHY TEACHING METHODS 2 Credits
This course deals with selected methods and instructional aids used in teaching geography as a subject. Students will be taught how to develop schemes of work and lesson plans that incorporate creative methods of teaching geography addressing the cognitive, affective, and psychomotor domains of instruction. Methods discussed include inductive and deductive teaching, lecture, discussion, group discussion, question and answer, study groups, field work, demonstration, and assignment. The use of maps, field trips, photographs, and map reading are covered.
- GESE 211 INTRO. TO SURVEY., FIELD AND QUANTITATIVE TECH. 3 Credits
The aim of this course is to give the students an introduction to the basics of surveying, its methods and procedures, principles and use of survey instruments, field practices through plane tabling, chain survey, slope profiling and prismatic compass traversing as well as locating procedures. The course is therefore of field particular nature.
- GESE 212 ENVIRONMENT AND SOCIETY 3 Credits
The course introduces students to the concepts of the environment and society and how the two relate to each other. Emphasis will be environmental exploitation within the context of societal institutional arrangements, the resultant impacts and the remedial measures in case of negative impact. The overall target of the course is on the improved understanding of the relationship between the society and its environment, use and management of the environmental resources within the prevailing culture and other circumstances.
- GESE 213 SOIL GEOGRAPHY 3 Credits
This course includes a comprehensive study of soil and will include laboratory and field work in the study of soils, soil formation, organisms, soil classifications and land use of soil. Special techniques used in the field and in the laboratory of soil study and soil mapping will be covered in this course.
- GESE 221 METEOROLOGY AND CLIMATOLOGY 3 Credits
This course aims at developing in students an understanding of the interplay of the various climatic elements, their world distribution, variability and change, as well as climatic classification.

Further more the course aims at enabling students to understand the importance of micro-climates and their both implications and influences on agricultural activities.

The course exposes students to skill related to the measurement of climatic parameters and the effect pollution creates in the atmosphere and the way the atmosphere reacts to it.

The course focuses on hydrological cycle as an important system of its kind in the hydrosphere and upon which life on the Earth greatly depends.

- | | | |
|----------|--|-----------|
| GESE 222 | QUANTITATIVE METHODS IN GEOGRAPHY | 3 Credits |
| | Treatment of statistics and frequency distribution, measures of central tendency, measures of dispersion or variability (mean, mode, quartiles, etc.). An examination of basic techniques in geographical research and their limitations: emphasis is directed to the use of analytical and inferential methods including hypothesis testing, the normal distribution, data transformation, and probability sampling. | |
| GESE 311 | URBAN AND RURAL SETTLEMENT GEOGRAPHY | 3 Credits |
| | This course provides detailed concepts and theories of urban and rural settlement. It examines their origins, functions and different cultural settings; regional planning strategies and policy analysis; rural land use, planning and development. The course will make use of case studies from developing countries with special focus on Africa in general. | |
| GESE 312 | AGRICULTURE GEOGRAPHY | 3 Credits |
| | This course examines the scope of the Agricultural geography with emphasis directed to the problems of classification in agricultural systems, tropical agricultural land use and location modification of this model, agricultural decision analysis; tools and techniques i.e. games theory, etc. The role of physical environment, simple biological basis of farming; Economic and social factors in agriculture and comparative analysis of various systems of world agriculture. | |

- GESE 321 ECONOMIC GEOGRAPHY 3 Credits
 This course aims at developing in students an understanding of:
 a) The analysis and modeling of the spatial structure of primary, secondary and tertiary economic activities;
 b) Location theories and regionalization in economic systems;
 c) Problems and consequences of economic activities.
- GESE 322 GEOGRAPHY OF EAST AFRICA 3 Credits
 This course provides a systematic study of East African environment covering Kenya, Uganda and Tanzania as a socio-political-economic region. Special emphasis will be directed to the actual and potential human and natural resources for socio economic development as well as its development constraints.
- GESE 324 RESEARCH METHODS IN GEOGRAPHY 3 Credits
 This course is linked to geography statistics and quantitative methods in geography. It equips students with knowledge on how to carryout a scientific research. Students should be able to understand and carryout scientific research in geography and should be able to grasp all research guidelines in geography.

B. ED. English

- ENSE 111 INTRODUCTION TO LINGUSTICS 3 Credits
 Introduction to linguistics and its relation to other disciplines. Descriptive linguistics and its major subdivisions. The grammatical aspects of language including phonetics, morphology, semantics and syntax. Language as a social phenomenon with reference to language and dialect, bilingualism and multilingualism, standard language, pidgins and Creoles, variables in language behaviour and the notion of communicative competence with the IPA system.
- ENSE 112 ENGLISH GRAMMAR I 3 Credits
 This course involves a detailed study of selected areas of English grammar. It takes in to account the fact that grammar, as description of the internal rules governing language use is essentially useful when liked at along side usage. The way

speakers of a particular language demonstrate awareness of the rules of grammar.

- ENSE 121 INTRODUCTION TO PHONETICS AND PHONOLOGY 3 Credits
This introductory course is designed to provide broad definition of phonetic and phonology and specifically to provide correct sounds for English speech. It covers three branches namely acoustic, articulatory and auditory. In addition, how sounds are produced by air stream through speech organs, in forms of sentences and words made up of vowels and consonants. Finally, phonetic symbols of alphabet into orthography and vice versa.
- ENSE 123 ENGLISH TEACHING METHODS 2 Credits
This course deals with the development of language skills necessary for the teaching of the English language. The emphasis is on teacher-in-training developing a repertoire of strategies that enhance a variety of learning methods in their students. Students develop scheme of work and lesson plans based on the secondary school syllabus with specific emphasis on English language. Teaching methods applicable to the teaching of the English language such as role playing, simulation, lecture, discussion, recitation, drill, expository, story telling, assignments, small study groups and others are discussed.
- ENSE 211 ENGLISH LITERATURE I 3 Credits
This course is designed to introduce the students to literature of the British Isles from Beowulf through the Restoration period. The students will become acquainted with the major authors from each period and will read and discuss representative works of each.
- ENSE 213 CREATIVE WRITING 3 Credits
This course is designed to improve critical reading, thinking, and writing skills. Five rhetorical strategies are covered. Reflective, Reporting, Explaining, Process analysis and Argumentation.
- ENSE 214 INTRODUCTION TO LITERARY APPRECIATION 3 Credits
This course presents the theory and practical techniques of imaginative composition (poetry, short stories, and plays). It offers opportunities to use the imagination in creating short stories, poems and plays.

