



UNIVERSITY OF EMBU

DEPARTMENT OF EDUCATION

Unit allocation for M.Ed. (Educational Administration & Planning)

YEAR 1 SEMESTER 2

Unit Code	Unit Title
EAP702	Research Methods in Education
EAP703	Educational Management
EAP708	Organizational Behavior in Education
EAP709	Higher Education Administration
EAP710	Theories and Concepts in Educational Planning





UNIVERSITY OF EMBU

DEPARTMENT OF EDUCATION

Unit allocation for B.Ed. (Arts)

YEAR 1 SEMESTER 2

COMMON UNIVERSITY COURSE	
CCS102	Fundamentals of Development and its Applications
COMMON EDUCATION COURSES	
EFD101	History of Education
EPS102	Psychology of Human Development
BUSINESS STUDIES COURSES	
TBS102	Fundamentals of Accounting I
TBS104	Introduction to Mathematics for Economists
ENGLISH LANGUAGE COURSES	
HEL103	History and Sociology of English
HEL104	Aspects of Modern English Grammar and Usage
LITERATURE IN ENGLISH COURSES	
HLS103	Literature and Society
HLS104	East African Prose and Poetry
GEOGRAPHY COURSES	
HGE102	East African Environment
HGE104	Fieldwork and Research Methodology in Geography
MATHEMATICS COURSES	
SMA104	Calculus II
SMA140	Introduction to Probability and Statistics
HISTORY & GOVERNMENT COURSES	
HHP102	Themes in African History Since 1885
HHP104	The Kenyan Constitution
RELIGIOUS STUDIES COURSES	
HRP102	Introduction to Logic and Critical Thinking
HRP104	Phenomenology of Religion
KISWAHILI COURSES	
HKS102	Introduction to Linguistics in Kiswahili
HKS104	Modern Development of Kiswahili



UNIVERSITY OF EMBU
DEPARTMENT OF EDUCATION
Unit allocation for B.Ed. (Arts)

YEAR 2 SEMESTER 2

COMMON EDUCATION COURSES	
BEF201	Sociology of Education
TAP201	Curriculum Development
BUSINESS STUDIES COURSES	
TBS203	Principles of Macroeconomics
TBS204	Accounting for Assets
ENGLISH LANGUAGE COURSES	
TEL203	A Study of English Morphology
TEL204	Analysis of Errors in the Acquisition and learning of English Language
LITERATURE IN ENGLISH COURSES	
TLE203	Foreign Writers on Africa
TLE204	East African Drama and Theatre Arts
GEOGRAPHY COURSES	
GEG203	The Biophysical Environment
GEG204	Elements of Surveying and Cartography
HISTORY & GOVERNMENT COURSES	
THG202	Topics in Kenya History to the Present
TKG202	Kenya's Foreign Relations
RELIGIOUS STUDIES COURSES	
TPR202	Ethics
TPR204	Religion, Technology and Environment
KISWAHILI COURSES	
TKS202	Kiswahili Morphology and Morphophonology
TKS204	Kiswahili Stylistics and Literary Devices
MATHEMATICS COURSES	
SMA206	Introduction to Analysis
SMA208	Ordinary Differential Equations I



UNIVERSITY OF EMBU
DEPARTMENT OF EDUCATION
Unit allocation for B.Ed. (Arts)

YEAR 3 SEMESTER 2

ELECTIVE EDUCATION COURSES (Students to Choose Two)	
TCT320	Instructional Methods (English Language)
TCT321	Instructional Methods (Literature)
TCT322	Instructional Methods (History & Government)
TCT323	Instructional Methods (Geography)
TCT324	Instructional Methods (Religious Studies)
TCT327	Instructional Methods (Business Studies)
TCT329	Instructional Methods (Kiswahili)
TCT330	Instructional Methods (Mathematics)
BUSINESS STUDIES COURSES	
TBS302	Macroeconomics
TBS314	Principles of Management
ENGLISH LANGUAGE COURSES	
TEL303	Traditional and Structural Analysis of English Sentences
TEL304	Sociolinguistics
LITERATURE IN ENGLISH COURSES	
TLE303	Literary Stylistics
TLE304	Children's Literature
GEOGRAPHY COURSES	
GEG302	Statistical Techniques in Geography
GEG303	Geomorphology
HISTORY & GOVERNMENT COURSES	
THG302	African International Relations
TKG302	Government and Politics in East Africa
RELIGIOUS STUDIES COURSES	
TPR302	Research Methodology
TPR316	Principles of Leadership
KISWAHILI COURSES	
TKS302	Oral Literature in Kiswahili
TKS304	Sociolinguistics in Kiswahili
MATHEMATICS COURSES	
SMA306	Complex Analysis I
SMA320	Methods I



UNIVERSITY OF EMBU

DEPARTMENT OF EDUCATION

Unit allocation for B.Ed. (Arts)

YEAR 4 SEMESTER 2

COMMON EDUCATION COURSE	
TPS402	Introduction to Special Education
BUSINESS STUDIES COURSES	
TBS402	Public Finance and Policy
TBS403	Computer Science
ENGLISH LANGUAGE COURSES	
TEL403	Cohesion in English
TEL404	English Vocabulary, Semantics and Pragmatics
LITERATURE IN ENGLISH COURSES	
TLE403	Literature of the African Diaspora
TLE404	Indian Literature
GEOGRAPHY COURSES	
GEG401	Computer Techniques in Geography
GEG403	Climatology
HISTORY & GOVERNMENT COURSES	
TKG401	Public Administration and Development in Africa
TKG402	International Organizations
RELIGIOUS STUDIES COURSES	
TPR402	Christian Response to Contemporary Issues
TPR408	Contemporary Philosophy
KISWAHILI COURSES	
TKS404	Translation, Proof-reading and Editing Skills
TKS411	Children's Literature in Kiswahili
MATHEMATICS COURSES	
SMA405	Algebra II
SMA420	Mathematical Modelling



UNIVERSITY OF EMBU
DEPARTMENT OF EDUCATION
Unit allocation for B.Ed. (Science)

YEAR 1 SEMESTER 2

COMMON UNIVERSITY COURSE	
CCS102	Fundamentals of Development and its Applications
COMMON EDUCATION COURSES	
EFD101	History of Education
EPS102	Psychology of Human Development
AGRICULTURE COURSES	
AVP101	Animal Physiology
ACS104	Introduction to Plant/Crop Physiology
BIOLOGY COURSES	
SZL102	Vertebrate Zoology
SBT101	Plant Diversity
CHEMISTRY COURSE	
SCH102	General and Organic Chemistry
GEOGRAPHY COURSES	
HGE102	East African Environment
HGE104	Fieldwork and Research Methodology in Geography
MATHEMATICS COURSES	
SMA104	Calculus II
SMA140	Introduction to Probability and Statistics
PHYSICS COURSES	
SPH102	Electricity and Magnetism
SPH103	Waves and Optics
SPH104	Man and the Physical World



UNIVERSITY OF EMBU
DEPARTMENT OF EDUCATION
Unit allocation for B.Ed. (Science)

YEAR 2 SEMESTER 2

COMMON EDUCATION COURSES	
BEF201	Sociology of Education
TAP201	Curriculum Development
AGRICULTURE COURSES	
ACP202	Agricultural Entomology
AEC202	Introduction to Agricultural Macroeconomics
BIOLOGY COURSES	
SBT204	Plant Structure and Function
SZL203A	Fundamentals of Aquatic Ecology
CHEMISTRY COURSE	
SCH202	Organic Chemistry II
SCH204	Introduction to Reaction Kinetics and Electrochemistry
GEOGRAPHY COURSES	
GEG203	The Biophysical Environment
GEG204	Elements of Surveying and Cartography
MATHEMATICS COURSES	
SMA206	Introduction to Analysis
SMA208	Ordinary Differential Equations I
PHYSICS COURSES	
SPH203	Structure and Properties of Matter
SPH204	Mathematical Physics II



UNIVERSITY OF EMBU
DEPARTMENT OF EDUCATION
Unit allocation for B.Ed. (Science)

YEAR 3 SEMESTER 2

ELECTIVE EDUCATION COURSES (Students to Choose Two)	
TCT310	Instructional Methods (Agriculture)
TCT323	Instructional Methods (Geography)
TCT330	Instructional Methods (Mathematics)
TCT331	Instructional Methods (Biology)
TCT332	Instructional Methods (Chemistry)
TCT333	Instructional Methods (Physics)
AGRICULTURE COURSES	
ASS307	Soil Fertility and Fertilizer Use
AEC202	Introduction to Agricultural Macroeconomics
ACP304	Environmental Management
BIOLOGY COURSES	
SBT301	General Mycology
SZL302	Evolutionary Biology
CHEMISTRY COURSE	
SCH303	Thermodynamics II and Phase Equilibria
SCH304	Coordination Chemistry
GEOGRAPHY COURSES	
GEG302	Statistical Techniques in Geography
GEG303	Geomorphology
MATHEMATICS COURSES	
SMA306	Complex Analysis I
SMA320	Methods I
PHYSICS COURSES	
SPH302	Thermodynamics
SPH303	Solid State Physics



UNIVERSITY OF EMBU
DEPARTMENT OF EDUCATION
Unit allocation for B.Ed. (Science)

YEAR 4 SEMESTER 2

COMMON EDUCATION COURSE	
TPS402	Introduction to Special Education
AGRICULTURE COURSES	
ASS406	Soil and Water Pollution
AAS414	Animal Health Management
ACS104	Introduction to Plant/Crop Physiology
BIOLOGY COURSES	
SBT401	Plant Biochemistry
SBT402	Microbial Ecology
CHEMISTRY COURSE	
SCH401	Chemistry of Transition Elements
SCH404	Organometallic Chemistry
GEOGRAPHY COURSES	
GEG401	Computer Techniques in Geography
GEG403	Climatology
MATHEMATICS COURSES	
SMA405	Algebra II
SMA420	Mathematical Modelling
PHYSICS COURSES	
SPH402	Nuclear Physics
SPH404	Statistical Physics

Notes:

1. ACS 104 is only for those Y4 Agri/Bio students who haven't taken it so far.
2. Y4 Agri/Bio Students should attend lectures for TPS402 on Tuesday 10-1 in CH
3. ASS 406 Soil and Water Pollution is on Friday between 10 – 1 in ABH04