**TRIBHUVAN UNIVERSITY**

**FACULTY OF EDUCATION**

**MASTER OF EDUCATION**

**SEMESTER COURSE STRUCTURE**

**2015**

OFFICE OF THE DEAN

Faculty of Education

2015

**Master of Education**

**First Semester Course Structure**

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|  | **Fist Semester** | **Second Semester** |
| **1** | **Core (Foundation) Courses** |  |
|  | 1. Ed. 511 Foundation of Education 2. Ed. 512 Advanced Educational Psychology | Ed. 521 Curriculum Practice  Ed. 522 Education and development |
| **2** | **English Education** | **English** |
|  | 1. Eng.Ed. 515 Phonetics and Phonology 2. Eng.Ed. 516 English Usage and Use 3. Eng.Ed. 517 Interdisciplinary Readings 4. Eng. Ed. 518 Second Language Acquisition (SLA) Theories and Research | 1. Eng.Ed. 525 Linguistics in Application 2. Eng.Ed. 526 Language, Society and Power 3. Eng.Ed. 527 Critical Discourse Analysis (CDA)   4. Eng. Ed. 528 Readings in English Part-1 |
| **3** | **Nepali Education** | **Nepali Education** |
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| **4** | **Educational Planning and Management**   1. Ed. PM. 515 Planning Education for change 2. Ed. PM. 516 Theories of Educational Management and Leadership 3. Ed. PM. 517 Educational Administration and Supervision 4. Ed. PM. 518 Organizational Behaviour in Education | **Educational Planning and Management**   1. Ed. PM. 525 Recent Trends in Educational Planning and Management 2. Ed. PM. 526 Theory and Practice of Non-Formal Education 3. Ed. PM. 527 Educational Management Information System (EMIS 4. Ed. PM. 528 Educational Resource Management |
| **5** | **Health Education** | **Health Education** |
|  | 1. HEd. 515 Advanced Health Education 2. HEd. 516 Fundamentals of Epidemiology 3. HEd. 517 Human Sexuality and Reproductive Health Education 4. HEd. 518 Health Promotion | 1. HEd. 525 Health Promoting School 2. HEd. 526 Nutrition Education 3. HEd. 527 Community Health 4. HEd. 528 Community Organizing for Health Education |
| **6** | **Population Education** | **Population Education** |
|  | 1. Pop Ed. 515 Advanced Population Education 2. Pop Ed. 516 Advanced Demography 3. Pop Ed. 517 Demographic Measures and Techniques 4. Pop Ed. 518 Sexual and Reproductive Health Education | Pop Ed. 525 Population and Development   * Pop. Ed. 526 Quality of Life Education * Pop Ed. 527 Indirect Techniques for Population Analysis * Pop. Ed. 528 Population Planning and Management |
| 7 | **Curriculum and Evaluation**   1. Ed.CE. 515 Foundations of Curriculum 2. Ed.CE. 516 Programme Evaluation 3. Ed.CE. 517 Psychological Testing 4. Ed. CE. 518 Curriculum Diversity in Education | **Curriculum and Evaluation**   1. Ed.CE. 525 Curriculum Theory 2. Ed.CE. 526 Test Theory 3. Ed.CE. 527 Test Development 4. Ed. CE. 528 Curriculum Evaluation and Research |
| **8** | **Physical Education** | **Physical Education** |
|  | P.Ed. 515 Advanced Physical Education  P.Ed. 516 Sports Psychology  P.Ed. 517 Advanced Skills Development in Athletics and Volleyball  P.Ed. 518 Ball Games | P.Ed. 525 Exercise Physiology and Sports Medicine  P.Ed. 526 Training, Coaching and Officiating  P.Ed. 527 Racket Games and Field Games  P.Ed. 528 Management of Games and Sports |
| **9** | **Economics Education** | **Economics Education** |
|  | 1. Eco.Edu. 515 Micro Economics 2. Eco.Edu. 516 Economics of Development and planning 3. Eco.Edu. 517 Statistics for Economics of Education 4. Eco.Edu. 518 History of Economics Thoughts | 1. Eco.Ed. 525 Macro Economics 2. Eco.Ed. 526 Mathematics for Economics Education 3. Eco.Ed. 527 Money Banking and Finance 4. Eco. Ed.528 Education Finance |
| **10** | **History Education** | **History Education** |
|  | 1. Hist. Ed. 515 Major Political Changes in Modern Nepali History (1769-2008) 2. Hist. Ed. 516 History of Modern India 3. Hist. Ed. 517 Diplomatic and Internal History of Europe (1871-1975) 4. Hist.Ed. 518 History and Historiography | 1. Hist. Ed. 525 History of Travel and Tourism in Nepal 2. Hist. Ed. 526 Socio-cultural History of Nepal 3. Hist. Ed. 527 International Relations of Nepal 4. Hist.Ed. 528 History of Modern China (1911-1960) |
| **11** | **Geography Education** | **Geography Education** |
|  | 1. Geo.Ed.515 Geomorphology 2. Geo.Ed.516 Population Geography 3. Geo.Ed.517 Geographical Thought 4. Geo. Ed. 518 Mountain Geography | 1. Geo.Ed.525 Climatology and Climate Change 2. Geo.Ed.526 Applied Statistics for Geographical Research 3. Geo.Ed.527 Geographic Information Systems (GIS) and Remote Sensing (RS) 4. Geo. Ed. 528 Geography of Resource Management |
| **12** | **Chemistry Education** | **Chemistry Education** |
|  | 1. Chem. Ed.515 Applied Inorganic Chemistry 2. Chem. Ed. 516 Advanced Organic Chemistry 3. Chem. Ed. 517 Natural Product Chemistry 4. Chem. Ed. 518 Biochemistry | 1. Chem. Ed.525 Applied Physical Chemistry 2. Chem. Ed. 526 Advanced Inorganic Chemistry 3. Chem. Ed. 527 Food Chemistry 4. Chem. Ed. 528 : Modern Science Teaching |
| **13** | **Mathematics Education** | **Mathematics Education** |
|  | 1. Math.Ed. 515 Foundation of Mathematics Education 2. Math.Ed. 516 Abstract Algebra 3. Math.Ed. 517 Mathematical Statistics 4. Math.Ed. 518 History of Mathematics | 1. Math.Ed. 525 Trends in Mathematics Education 2. Math.Ed. 526 Linear Algebra 3. Math.Ed. 527 Projective Geometry 4. Math.Ed. 528 Complex and Numerical Analysis |
| **14** | **ICT Education** | **ICT Education** |
|  | 1. ICT Ed. 515 Computer Architecture 2. ICT Ed. 516 Advanced Java Programming 3. ICT Ed. 517Discrete Structure 4. ICT Ed. 518 Operating System | 1. ICT Ed. 525 Advanced Database Management System 2. ICT Ed. 526 Network Security 3. ICT Ed. 527 Studies in ICT Education 4. ICT Ed. 528 Software engineering |
| **15** | **Biology Education** | **Biology Education** |
|  | 1. Bio.Ed. 515 Plant Systematics and Anatomy 2. Bio.Ed. 516 Animal Systematics and Anatomy 3. Bio.Ed. 517 Cytogenetics and Breeding 4. Bio.Ed. 518 Environmental Biology and Environmental Education | 1. Bio.Ed. 525 Functional Plant Biology Bio.Ed. 526 Functional Animal Biology 2. Bio.Ed. 527 Biodiversity Conservation and Evolutionary Biology 3. Bio.Ed. 518 Advanced Science Education –Biology |
| **16** | **Physics Education** | **Physics Education** |
|  | 1. Phy.Ed. 515 Mechanics and Mathematical Physics 2. Phy.Ed. 516 Thermodynamics 3. Phy.Ed. 517 Atomic and Nuclear Physics 4. Phy.Ed. 518 Solid State and Nanotechnology | 1. Phy.Ed. 525 Electrodynamics 2. Phy.Ed. 526 Electronics 3. Phy.Ed. 527 Optics and Quantum Mechanics 4. Phy.Ed. 528 Advanced Science Education –Physics |
| **14** | **Political Science Education** | **Political Science Education** |
|  | 1. Pol.Sc. Ed. 515 Political Theory 2. Pol.Sc. Ed. 516 Political Analysis I 3. Pol.Sc. Ed. 517 Political Thought I 4. Pol.Sc. Ed. 518 International Politics | 1. Pol.Sc. Ed. 525 Political Analysis II 2. Pol.Sc. Ed. 526 Political Thought II 3. Pol.Sc. Ed. 527 Public Value and Political Management 4. Pol.Sc. Ed. 528 Nepalese Politics |

**Third and Fourth Semester**

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|  | **Third Semester** | **Fourth Semester** |
| **1** | **Core (Foundation) Courses** | **Core Courses** |
|  | 1. Ed. 531 Measurement and Evaluation in Education 2. Ed. 532 Research Methodology in Education | Ed. 541 Contemporary Educational Issues  Ed. 542 Teaching Practice  or  Ed.543 Practicum (For EPM)  Ed. 544 Thesis |
| **2** | **English Education** | **English Education** |
|  | Eng.Ed. 535 English Language Teaching (ELT) Pedagogy and Materials  Eng.Ed. 536 Readings in Literary Genres  Eng.Ed. 537 Dimensions of Teacher Development  Eng.Ed. 538 ESL Research and Testing | Eng.Ed. 546 (Elective) English Language Teaching (ELT) Curriculum and Syllabus Designing  Or  Eng.Ed. 547 (Elective) Translation Studies  Or  Eng.Ed. 548 (Elective) Academic Writing  Or  Eng.Ed. 549 (Elective) ELT Seminar and Report Writing **Translation Studies** 4. Eng. Ed. 528 Readings in English Part-1 |
| **3** | **Nepali Education** | **Nepali Education** |
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| **4** | **Educational Planning and Management**   1. Ed.PM. 535 Monitoring, Evaluation and Research in Planning and Management 2. Ed.PM. 536 Financing of Education 3. Ed.PM. 537 School Management 4. Ed. PM. 538 Managing Diversities in Education | **Educational Planning and Management**  Ed. PM. 546 School Culture and Change  Or  Ed. PM. 547 Social Justice Education  Or  Ed. PM. 548 Contemporary Issues in Educational Planning and Management |
| **5** | **Health Education** | **Health Education** |
|  | 1. HEd. 535 Instructional Technology in Health Education 2. HEd. 536 Health Education Planning and Management 3. HEd. 537 Seminar in issues of Health and Health Education 4. HEd. 538 Applied Health Education Research | HEd. 546 (Elective) Health Psychology  Or  HEd. 547 (Elective) Physical Exercise and Sports for Health Promotion |
| **6** | **Population Education** | **Population Education** |
|  | 1. Pop Ed. 535 Technology of Teaching Population Education 2. Pop Ed. 536 Population of Nepal 3. Pop Ed. 537 Seminar in Issues of Population Education 4. Pop.Ed. 538 Applied Research in Population Education | Pop. Ed. 546 (Elective) Population and Environment  or  Pop Ed. 547 (Elective) Public Health |
| 7 | **Curriculum and Evaluation**   1. Ed.CE. 535 Classroom Instruction 2. Ed.CE. 536 Emerging Perspectives in curriculum 3. Ed.CE. 537 Project on Program and Curriculum Evaluation 4. Ed. CE. 538 Application of Statistics in Education | **Curriculum and Evaluation**  Ed.CE. 546 (Elective) Management of Open and Distance Learning  or  Ed.CE. 547 (Elective) Qualitative Research |
| **8** | **Physical Education** | **Physical Education** |
|  | P.Ed. 535 Project Meet in Physical Education and Games  P.Ed. 536 Cricket  P.Ed. 537 Kinesiology and Biomechanics  P.Ed. 538 Research and evaluation in Physical Education and sports | P.Ed. 546 (Elective) History of Physical Education and Games  **Or**  P.Ed. 547 (Elective) Sociology of |
| **9** | **Economics Education** | **Economics Education** |
|  | Eco.Edu. 535 Teaching Economics Education  Eco.Edu. 536 Education planning  Eco.Edu. 537 Rural Development  Eco.Edu. 538 International Economics | Eco.Edu. 546 (Elective) Managerial Economics  or  Eco.Edu. 547 (Elective) Tourism Economics |
| **10** | **History Education** | **History Education** |
|  | Hist.Ed. 535 Teaching Methods of History  Hist.Ed. 536 History of Travel and Tourism in Nepal  Hist.Ed. 537 History of Modern Japan (1868-1945)  Hist. Ed. 538 Economic History of Modern Nepal (1769-1991) | Hist.Ed. 546 (Elective)  Or  Hist.Ed. 547 (Elective) |
| **11** | **Geography Education** | **Geography Education** |
|  | Geo.Ed.535 Teaching Geography  Geo.Ed.536 Surveying, Cartography and Field Study  Geo.Ed.537 Regional Study with Reference to Nepal  Geo.Ed.538 Geography of Tourism | Geo.Ed.546 (Elective) Environmental Geography |
| **12** | **Chemistry Education** | **Chemistry Education** |
|  | Chem.Ed.535 Teaching Chemistry Education  Chem.Ed. 536 Advanced Physical Chemistry  Chem.Ed. 537 Research and Statistics  Chem.Ed. 538 Environmental Chemistry | Chem. Ed. 546 (Elective) **Nuclear Chemistry**  or  Chem. Ed. 547 (Elective) **Polymer Chemistry** |
| **13** | **Mathematics Education** | **Mathematics Education** |
|  | Math.Ed. 535 Teaching Undergraduate Mathematics  Math.Ed. 536 Studies in Mathematics Education  Math.Ed. 537 Differential Geometry  Math.Ed. 538 Measure Theory and Topology | Math.Ed. 546 (Elective) Operation Research  Or  Math.Ed. 546 (Elective) ICT in Mathematics Education |
| **14** | **ICT Education** | **ICT Education** |
|  | ICT Ed. 535 Visual Programming ICT Ed. 536 Learning Management System  ICT Ed. 537 Software Project Management  ICT Ed. 538 ICT Education Theories and Practices | ICT Ed. 546 (Elective) Network and System Administration  or  ICT Ed. 547 (Elective) Advanced Web Technology |
| **15** | **Biology Education** | **Biology Education** |
|  | Bio.Ed.535 Teaching Biology  Bio.Ed. 536 Basic Biotechnology  Bio.Ed. 537 Fundamentals of Microbiology  Bio.Ed. 538 Advanced Research Methodology in Science Education | Bio.Ed.546 (Elective) Natural resource Management  or  Bio.Ed.547 (Elective) Ethno-biology |
| **16** | **Physics Education** | **Physics Education** |
|  | Phy.Ed. 535 Teaching Physics  Phy.Ed . 536 Statistical Mechanics and Atmospheric Physics  Phy.Ed .537 Astrophysics and Seismology  Phy.Ed .538 Advanced Research Methodology in Science Education | Phy.Ed. 546 Advanced Electronics  Or  Phy.Ed. 547 Advanced Solid State |
| **14** | **Political Science Education** | **Political Science Education** |
|  | Pol.Sc. Ed. 535 Political Science Education I  Pol.Sc. Ed. 536 Course is being prepared  Pol.Sc. Ed. 537 Nepalese Politics  Pol.Sc. Ed. 538 Research Methodology in Political Science Education | Pol.Sc. Ed. 545  Pol.Sc. Ed. 546 |