

Nepal Open University
Manbawan, Lalitpur, Nepal

Master in e-Governance

1. Course Overview:

The Master in e-Governance degree program broadly focuses on the use of information and communication technologies (ICTs) to better deliver services to services seeker and democracy practices to governance. Electronic Governance seeks to transform public service delivery and citizens' participation in government decision processes for both social and economic benefits. The program also seeks to analyze and describe the linkages between government, the business world and civil society and their use of the internet and other digital devices to facilitate effective decision-making. This program will consider the historical, institutional, legal, organizational, functional, policy, and theoretical issues that are critical to public administrators, scholars and practitioners of information and communication technologies (ICTs) as they manage in the new economy.

2. Course objectives:

This course has a following objectives:

- Prepare dedicated IT leader for the ICT enabled development of Nepal with global perspective.
- Build skill full HR with problem solving, critical analyzing and software and application development planning capabilities to the government.
- Produce the IT manager with people skill who can successfully manage IT professional great understanding.

3. Eligibility:

The minimum qualification required to apply for the program as follow:

- A minimum Bachelor degree in IT related discipline with equivalent with concern authorities.
- Bachelor Degree in any discipline and 2 year proved working experience on e-Government or IT or corporate governance.

4. Duration:

This program is dived into 2 year and 4 semester.

- Semester-I
 - Five courses x 3 credit= 15 Credit
 - Semester-II
 - Five courses x 3 credit= 15 Credit
 - Semester-III
 - Five courses x 3 credit= 15 Credit
 - Semester-IV
 - Four courses x 3 credit= 12 Credit
 - Research/Thesis= 6 credit
- Total: 63 Credit

5. Curricular Structure:

Semester I

1. e-Governance Principles and Practices
2. Digital Economy and e-governance for Development
3. Legal and Ethical Issues in e-Governance
4. Communication Skill for e-Government
5. Programming concept and Techniques

Semester II

6. Access to e-Government and e-Democracy Practices.
7. Organizational Behaviors and Corporate Governance
8. Analysis and Management of e-Governance Systems
9. e-Governance Technologies and Web 3.0
10. Object Oriented Programming

Semester III

11. Database Management System
12. Research Methodology
13. Technology Management
14. Software engineering and project Management
15. Human Resources Management
16. Research Project (*Preliminary Dissertation Works*)

Semester 4

17. Network and infrastructures Management
18. Information System Auditing
19. Knowledge Management
20. Elective
21. Dissertation

Elective:

22. Cloud Computing
23. GIS and Remote Sensing
24. Mobile Computing
25. Educational Technology
26. Visual Programming

6. Orientation:

After the admission of the students to the program, NOU will arrange an in-house and virtual orientation program to familiarization of Learning Management System of NOU.

7. Learning Modality:

This program will be delivered on a distance and online delivery mode using instructional learning mode. Course instructor/teacher will facilitate on learning process. Video Conferencing or face to face class will be provides based on nature of courses. Study

include course work, practicum and dissertation. Students will engage in coursework and project preparation and examinations will be held at the end of each semester. There is an internship which takes place after the successful completion of the taught courses.

8. Examination and Evaluation:

The performance of students will be evaluated through ongoing in-semester evaluation and semester end evaluation. NOU shall have the final authority in conduction, evaluation and awarding grades in semester-based examination. The course facilitator(instructor) will decide the grade in the in-semester evaluations.

9. In-semester Evaluations:

The in-semester evaluation shall generally have total weight of 50 percent in online virtual learning mode. Assigned instructor shall be responsible for the continuous in-semester evaluations. In semester evaluation shall be based on a student performance in assignment, assessment, case study/project work and collaboration between the students. End of each semester, group of students shall responsible to conduct the seminar on the given location of NOU.

10. Semester End Examination:

The semester end examination on course work related shall have a total weight of 50 percent. The semester end examination shall be based on analytical question, problems solving questions and knowledge testing question. The duration of examination shall be 3 hours for 3 credit hours course.

11. Grading System

The grading system followed in the program will be based on the absolute performance of the student in the in-semester evaluation and semester end examination. Scale pointing as follows.

12. Degree Requirement

The receive Master in e-Governance degree must have:

- Completed all the course requirements as specified in the curricular structure section with in the maximum time period of five year from the date of registration.
- B⁻ OR better grade in each of the course as specify in the curricular structure.
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