

## DEGREE OF DOCTOR OF PHILOSOPHY IN INFORMATION SCIENCE (PISC)

The programme shall be offered by coursework and research.

### Objectives Of the Programme

The Doctor of Philosophy in Information Science is the highest post-graduate degree that the East African School of Library and Information Science offers. Its objectives are:

- To provide the highest level of training in Information Science by coursework and dissertation;
- To produce scholars who can effectively carry out research, publish; possess wide and deep knowledge and understanding of issues in the Information Science profession;
- To produce qualified professionals who will give leadership in the Library and Information education.

The programme has been designed in response to the following needs:

1. To satisfy the growing demand for senior Information Scientists in academia and other institutions.
2. To build capacity for training, research and leadership for LIS profession.

The PhD programme is intended to strengthen teaching and research capacity in Uganda as well as in sub-Saharan African countries, increase the pool of potential researchers and policy analysts and reduce the need for Uganda to train abroad when services of comparable quality can be provided at home at reasonable cost.

### Admission Requirements

1. The general admission requirements of Makerere University will apply where appropriate.

### Duration

The programme duration is 3 academic years of which the first 1½-year will be for coursework and the remaining 1½ years shall be for developing the research proposal, doing research and writing the research dissertation/thesis.

| Year I: Semester 1                                |  | CU        |
|---|--|-----------|
| PLS 8101  | Advanced Research Methods                | 4         |
| PLS 8102  | Information Literacy                     | 4         |
| PLS 8103  | Theory of Information Science            | 4         |
| PLS 8104  | Seminar I                                | 2         |
| <b>Total minimum CU semester 1</b>                |  | <b>14</b> |
| Year I: Semester II                               |  |           |
| PLS 8201  | Library and Information Ethics           | 4         |
| PLS 8202  | Current Developments in Information Sci. | 4         |
| PLS 8203  | Operations Research in Information Sci.  | 4         |
| PLS 8204  | Seminar II                               | 2         |
| <b>Total minimum CU semester 2</b>                |  | <b>14</b> |
| Year I: Semester 1                                |  |           |
| PLS 8205  | Seminar III                              | 2         |
| Year II Semester II and Year 3, Semester I and II |  |           |
| PLS 8206  | Research Dissertation                    |           |

### Audit Courses

It may be necessary for some candidates to audit certain courses in order to strengthen their background at Masters level. The PhD candidates will be encouraged to take courses from other faculties around the University, to allow for an interdisciplinary and integrated approach to questions of importance to the information sector. Credits shall not be awarded for such courses.

This arrangement will also cater for candidates who are on Sandwich programmes from other universities.

### Areas for Research and Seminars

Candidates will choose from among the following areas to prepare seminar topics and carry out research but not limited these only:

- Community Information Systems and services
- Health Information Systems and services
- Education Information Systems and services
- Information for disadvantaged groups
- Information Systems Development

- Advanced Information Storage and Retrieval
- Legal Information Systems and services
- Education and training of Information Professionals
- Business and Financial Information Systems and services
- Agricultural Information Systems and services
- Science and Technology Information Systems and Services
- Library and Information Ethics
- Information and Communication Laws and Policies
- Information Marketing and Consultancy
- Information Systems for E-governance
- Information Systems for E-Commerce
- Library automation
- Information and Communication Laws and Policies
- Record Management Systems
- Design of Library and Information Center buildings