

## Curriculum for MS.c Health Technology Assessment

| Courses                                                                | Credits |                 |                | Hour  |    |    | prerequisite                                                                                                                            |
|------------------------------------------------------------------------|---------|-----------------|----------------|-------|----|----|-----------------------------------------------------------------------------------------------------------------------------------------|
|                                                                        | Total   | Th <sup>1</sup> | P <sup>2</sup> | Total | Th | P  |                                                                                                                                         |
| Remedial Courses <sup>3</sup>                                          |         |                 |                |       |    |    |                                                                                                                                         |
| Principles of Epidemiology (1)                                         | 2       | 2               | -              | 34    | 34 | -  |                                                                                                                                         |
| Statistical Methods in Health Research (1)                             | 2       | 2               | -              | 34    | 34 | -  |                                                                                                                                         |
| General Concepts of Health                                             | 2       | 2               | -              | 34    | 34 | -  |                                                                                                                                         |
| Health Economics                                                       | 2       | 2               | -              | 34    | 34 | -  |                                                                                                                                         |
| Medical Information Systems                                            | 1       | 1               | -              | 26    | 26 | -  |                                                                                                                                         |
| Total of Remedial Courses                                              | 9       |                 |                |       |    |    |                                                                                                                                         |
| Core Courses                                                           |         |                 |                |       |    |    |                                                                                                                                         |
| Principles of Health Technology Assessment                             | 2       | 2               | -              | 34    | 34 | -  |                                                                                                                                         |
| Principles of Epidemiology (2)                                         | 2       | 2               | -              | 34    | 34 | -  | Principles of Epidemiology (1)                                                                                                          |
| Statistical Methods in Health Research (2)                             | 3       | 3               | -              | 51    | 51 | -  | Statistical Methods in Health Research (1) Principles of Epidemiology (1)                                                               |
| Organizational Management and Evaluation                               | 2       | 2               | -              | 34    | 34 | -  |                                                                                                                                         |
| Qualitative Research Methods                                           | 2       | 2               | -              | 34    | 34 | -  |                                                                                                                                         |
| Economic Evaluation in Healthcare                                      | 2       | 1               | 1              | 51    | 17 | 34 |                                                                                                                                         |
| Resource Allocation in Health System and Analysis of Technology Market | 2       | 2               | -              | 34    | 34 | -  | Health Economics<br>Principles of Health Technology Assessment<br>Standards, Legal Regulations and Ethical Aspects of Health Technology |
| Systematic Review and Meta-analysis                                    | 2       | 1               | 1              | 34    | 17 | 17 | Principles of Epidemiology (2)<br>Statistical Methods in Health Research (2)                                                            |
| Transfer of Knowledge from Health Technology Assessment                | 1       | 1               | -              | 17    | 17 | -  | Principles of Health Technology Assessment                                                                                              |
| Standards, Legal Regulations and Ethical Aspects of Health Technology  | 1       | 1               | -              | 17    | 17 | -  | General Concepts of Health<br>Health Economics<br>Principles of Epidemiology (2)                                                        |

1. Theoretical Courses and hours

2. Practical Courses and hours

3. Remedial Courses are necessary for students who have not been previously completed this major. Students should pass all or some of the course credits.

|                                                 |    |   |   |     |    |     |                  |
|-------------------------------------------------|----|---|---|-----|----|-----|------------------|
| Internship                                      | 2  | - | 2 | 102 | -  | 102 | All Core Courses |
| Thesis                                          | 6  | - | - | -   | -  | -   |                  |
| Total of Core Courses                           | 27 |   |   |     |    |     |                  |
| Non-Core Courses (4 credits are necessary)      |    |   |   |     |    |     |                  |
| National Health Innovation Systems and Policies | 2  | 2 | - | 34  | 34 | -   |                  |
| Medical Equipment Technologies                  | 2  | 2 | - | 34  | 34 | -   | Health Economics |
| Pharmaceutical Technologies                     | 2  | 2 | - | 34  | 34 | -   |                  |
| Hospital Technologies                           | 2  | 2 | - | 34  | 34 | -   |                  |
| Management of Health Information Technologies   | 2  | 2 | - | 34  | 34 | -   |                  |
| Evidence-based Clinical Decision Making         | 2  | 2 | - | 34  | 34 | -   |                  |
| Analysis of Health Policies                     | 2  | 2 | - | 34  | 34 | -   |                  |
| Total of Non-Core courses                       | 14 |   |   |     |    |     |                  |