

# SPACE POLICY EXPERT TRAINING

## UNISPACE PROGRAMME

Director: Balázs Bartóki-Gönczy PhD, associate professor, Director of the Institute of Space Law and Policy

Ludovika University of Public Service

| Module                              |    | Title of the course                                  | Hours<br>(45 min.) | Credit |
|-------------------------------------|----|--|--------------------|--------|
|                                     |    |  | 320                | 84     |
| <b>1st SEMESTER - COMMON MODULE</b> |    |  |                    |        |
|                                     |    |  | 120                | 30     |
| Interdisciplinary module I.         | 1. | The foundations of Space Science                     | 20                 | 5      |
|                                     | 2. | History of Space Exploration                         | 10                 | 3      |
|                                     | 3. | Basics of Space Technology                           | 20                 | 5      |
|                                     | 4. | Space Research and Technology                        | 10                 | 3      |
|                                     | 5. | Space Medicine                                       | 20                 | 5      |
|                                     | 6. | Space Alimentation                                   | 10                 | 3      |
|                                     | 7. | Space Economics                                      | 15                 | 3      |
|                                     | 8. | Introduction to international law                    | 15                 | 3      |
| <b>2nd SEMESTER</b>                 |    |  |                    |        |
|                                     |    |  | 100                | 27     |
| Space Policy module I.              | 1. | Introduction to International Relations              | 15                 | 3      |
|                                     | 2. | Introduction to European Security and Defence Policy | 15                 | 4      |
|                                     | 3. | International Space Organizations                    | 10                 | 3      |
|                                     | 4. | Space Policy: Global Perspectives                    | 10                 | 3      |
|                                     | 5. | Competition and Intellectual Property Law            | 10                 | 3      |
|                                     | 6. | Space Law I.   | 20                 | 5      |
| Interdisciplinary module II.        | 7. | <i>Astronomy and Astrophysics</i>                    | 10                 | 3      |
|                                     | 9. | <i>Space Applications</i>                            | 10                 | 3      |
| <b>3rd SEMESTER</b>                 |    |  |                    |        |
|                                     |    |  | 100                | 27     |
| Space Policy Module II.             | 1. | Space Law II.  | 20                 | 5      |
|                                     | 2. | Commercialization of Space Activities                | 10                 | 3      |
|                                     | 3. | Space Sector Financing and Procurement               | 10                 | 3      |
|                                     | 4. | European Union Space Policy                          | 10                 | 3      |
|                                     | 5. | The European Space Agency and its programmes         | 10                 | 3      |
|                                     | 6. | Security, Defense and Outer Space                    | 20                 | 4      |
| Interdisciplinary module III.       | 8. | <i>Space Telecommunications</i>                      | 10                 | 3      |
|                                     | 9. | <i>Space Weather and Near Earth Objects</i>          | 10                 | 3      |