

## Schedule of classes AIT-Budapest 2025 Fall Semester

|              | Monday       |              |  |  | Tuesday      |          |  | Wednesday       |                 |           |          | Thursday       |                |          |          | Friday        |               |  |
|--------------|--------------|--------------|--|--|--------------|----------|--|-----------------|-----------------|-----------|----------|----------------|----------------|----------|----------|---------------|---------------|--|
| 9 am – 11 am | Cryptography |              |  |  | Data Science | Cinema   |  | Leadership      | Quantum (**)    | Graphics  |          | Alg.Data Str.A | Alg.Data Str.B | Design   | Networks | Graphics      | Quantum (**)  |  |
| 11 am – 1 pm | Mobile       |              |  |  | Hung A       | Hung B   |  | Theor. Comp A   | Theor. Comp B   |           |          | Graph Theory   | Scalable (*)   | Sem/Decl |          | Theor. Comp A | Theor. Comp B |  |
| Lunch Break  |              |              |  |  |              |          |  |                 |                 |           |          |                |                |          |          |               |               |  |
| 2 pm – 4 pm  | UXD          | Comb. Opt.   |  |  | Cryptography |          |  | Alg.Data Str. A | Alg.Data Str. B | Design    |          | Mobile         |                |          |          |               |               |  |
| 4 pm – 6 pm  | Data Science | Scalable (*) |  |  | Leadership   | Networks |  | Hung A          | Hung B.         | Comb. Opt | Sem/Decl | Graph Theory   | Bp Studies     |          |          |               |               |  |

|    | Abbrev. Title       | Credit | Full title                                 | Instructor(-s)                                       |    | Abbrev. Title         | Credit | Full title                                     | Instructor(-s)                        |
|----|---------------------|--------|--------------------------------------------|------------------------------------------------------|----|-----------------------|--------|------------------------------------------------|---------------------------------------|
| 1  | <b>Leadership</b>   | 4      | Leadership and Entrepreneurship Studies    | Gábor Bojár, Ernő Duda, Andrea Szabó, Dominika Szabó | 11 | <b>Alg. Data Str.</b> | 4      | Algorithms and Data Structures                 | Judit Csimá, Máté Vizer               |
| 2  | <b>UXD</b>          | 2      | User Experience Design                     | Judit Pónya                                          | 12 | <b>Graphics</b>       | 4      | Computer Graphics                              | László Szécsi, Attila Kárpáti,        |
| 3  | <b>Scalable</b>     | 2 (*)  | Scalable Systems and Development Processes | József János                                         | 13 | <b>Quantum</b>        | 4      | Quantum Probability and Quantum Logic          | Mihály Weiner                         |
| 4  | <b>Design</b>       | 4      | Design Workshop                            | István Keszei,                                       | 14 | <b>Networks</b>       | 4      | Structure and Dynamics of Complex Networks     | András Cziráok, János Török           |
| 5  | <b>Mobile</b>       | 4      | Mobile Software Development                | Péter Ekler                                          | 15 | <b>Data Science</b>   | 4      | Data Science                                   | Roland Molontay                       |
| 6  | <b>Cryptography</b> | 4      | Applied Cryptography                       | Levente Buttyán, István Berta, István Lám            | 16 | <b>Music</b>          | 2      | Hungarian Music in a Central European Context  | Gergely Fazekas, Lóránt Péteri        |
| 7  | <b>Sem/Decl</b>     | 4      | Semantic and Declarative Technologies      | Péter Szeredi, László Kabódi, Péter Tóth             | 17 | <b>Cinema</b>         | 4      | Budapest Through Cinema, People and Streets    | Veronika Hermann, Mariann Schiller    |
| 8  | <b>Graph Theory</b> | 4      | Graph Theory                               | Gábor Wiener                                         | 18 | <b>Hung</b>           | 2+2    | Introduction to Hungarian Language and Culture | Katalin Bakonyi Berényi, Márta Magasi |
| 9  | <b>Comb. Opt.</b>   | 4      | Combinatorial Optimization                 | Dávid Szeszlér,                                      | 19 | <b>Bp Studies</b>     | 2      | Budapest Studies                               | Mariann Schiller                      |
| 10 | <b>Theor. Comp.</b> | 4      | Theory of Computing                        | Gyula Y. Katona, Balázs Patkós                       |    |                       |        |                                                |                                       |

(\*) The Scalable course has two lectures per week **in the first part of the semester only**.

(\*\*) The Quantum course is **at the BSM campus between 8.am – 10 am**.