**Schedule of classes *version 2* AIT-Budapest 2023 Fall Semester**

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|  | **Monday** | | | | **Tuesday** | | | **Wednesday Thursday Friday** | | | | | | | | | |
| **9 am – 11 am** | **Crypto-**  **graphy** |  |  |  | **Data Science** | **Design A** |  | **Leader-ship** | **Alg.Data Str.** |  |  | **Alg.Data Str.** | **Design C** |  | **Theor. Comp** | **Mobile A** |  | |
| **11 am – 1 pm** | **Mobile A+B** |  |  |  | **Graphics** | **Design B** |  | **Hung A,B** |  |  |  | **Graph Theory** | **Design D** | **Cinema** | **Hung A,B** | **Mobile B** |  | |
| **Lunch**  **Break** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| **2 pm –**  **4 pm** | **UXD** | **Comb. Opt.** |  |  | **Hung A,B** |  |  | **Scalable (\*)** | **Comb. Opt.** | **Sem/**  **Decl** |  | **Graph Theory** | **Comp. Biol.** |  | **Data Science** |  |  | |
| **4 pm-**  **6 pm** | **Scalable (\*)** | **Graphics** |  |  | **Leader-ship** | **Bp**  **studies** |  | **Theor. Comp** | **Music** |  |  | **Crypto-**  **graphy** |  |  | **Comp. Biol.** | **Sem/**  **Decl** |  | |

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

(\*) Two lectures per week in the first part of the semester only