

KZ7101 & KZ7102 HT 2026

| Monday                     |                                                          | Tuesday                                    |  | Wednesday                                                                  |  | Thursday                                             |  | Friday                                         |  |
|----------------------------|----------------------------------------------------------|--------------------------------------------|--|----------------------------------------------------------------------------|--|------------------------------------------------------|--|------------------------------------------------|--|
| 2026-08-31                 |                                                          | 2026-09-01                                 |  | 2026-09-02                                                                 |  | 2026-09-03                                           |  | 2026-09-04                                     |  |
| morning<br>(9:00-12:00)    | Roll call master programme & KZ7101/KZ7102 (10:00-12:00) | Lab 1: KZ7102                              |  | Lecture 1: Introduction to ASM, Basics of chromatographic separations (IS) |  | Lecture 2: KZ7102                                    |  | Lecture 2: LC instrumentation + RP basics (AK) |  |
| afternoon<br>(13:00-17:00) | Lecture 1: KZ7102                                        | Homework KZ7102                            |  | ASM lab framework, lab safety & risk assessment, report writing tutorial   |  | Project work preparations (KZ7101)                   |  | Project work preparations (KZ7101)             |  |
| 2026-09-07                 |                                                          | 2026-09-08                                 |  | 2026-09-09                                                                 |  | 2026-09-10                                           |  | 2026-09-11                                     |  |
| morning<br>(9:00-12:00)    | Lecture 3: Gas Chromatography Part 1 (IS)                | Lab 2: KZ7102                              |  | Lecture 4: Capillary electrophoresis (NP)                                  |  | Lecture 5: Gas Chromatography Part 2 (IS)            |  | Lecture 6: Capillary electrophoresis (NP)      |  |
| afternoon<br>(13:00-17:00) | Project work preparations (KZ7101)                       | Preparation for cookbook labs (KZ7101)     |  | Homework KZ7102                                                            |  | Cookbook lab                                         |  | Cookbook lab                                   |  |
| 2026-09-14                 |                                                          | 2026-09-15                                 |  | 2026-09-16                                                                 |  | 2026-09-17                                           |  | 2026-09-18                                     |  |
| morning<br>(9:00-12:00)    | Lecture 3: KZ7102                                        | Lab 3: KZ7102                              |  | Lecture 7: Sampling (IS)                                                   |  | Lecture 8: Extraction techniques (IS)                |  | Lecture 9: Sample preparations (IS)            |  |
| afternoon<br>(13:00-17:00) | Cookbook lab                                             | Project work preparations (KZ7101)         |  | Homework (KZ7102) / Project plan submission (KZ7101)                       |  | Self study                                           |  | Quantification workshop (IS)                   |  |
| 2026-09-21                 |                                                          | 2026-09-22                                 |  | 2026-09-23                                                                 |  | 2026-09-24                                           |  | 2026-09-25                                     |  |
| morning<br>(9:00-12:00)    | Lecture 4: KZ7102                                        | Lecture 10: Optimization of LC method (AK) |  | Lecture 11: Other types of LC (AK)                                         |  | Lecture 12: Other types of LC (AK)                   |  | Project work (KZ7101)                          |  |
| afternoon<br>(13:00-17:00) | Project work preparations (KZ7101)                       | Lab 4: KZ7102                              |  | Homework (KZ7102)                                                          |  | Project work preparations and re-submission (KZ7101) |  |                                                |  |
| 2026-09-28                 |                                                          | 2026-09-29                                 |  | 2026-09-30                                                                 |  | 2026-10-01                                           |  | 2026-10-02                                     |  |
| morning<br>(9:00-12:00)    | Lecture 5: KZ7102                                        | Lab 5: KZ7102                              |  | Lecture 13: LC troubleshooting (AK)                                        |  | Project work (KZ7101)                                |  | Project work (KZ7101)                          |  |
| afternoon<br>(13:00-17:00) | Project work (KZ7101)                                    | Project work (KZ7101)                      |  | Homework (KZ7102)                                                          |  |                                                      |  |                                                |  |
| 2026-10-05                 |                                                          | 2026-10-06                                 |  | 2026-10-07                                                                 |  | 2026-10-08                                           |  | 2026-10-09                                     |  |
| morning<br>(9:00-12:00)    | Lecture 6: KZ7102                                        | Lab 6: KZ7102                              |  | Lecture 14: Miniaturised Separation methods (NP)                           |  | Lecture 15: Miniaturised Separation methods (NP)     |  | Project work (KZ7101)                          |  |
| afternoon<br>(13:00-17:00) | Project work (KZ7101)                                    | Project work (KZ7101)                      |  | Homework KZ7102                                                            |  | Project work (KZ7101)                                |  |                                                |  |
| 2026-10-12                 |                                                          | 2026-10-13                                 |  | 2026-10-14                                                                 |  | 2026-10-15                                           |  | 2026-10-16                                     |  |
| morning<br>(9:00-12:00)    | Lecture 7: KZ7102                                        | Lab 7: KZ7102                              |  | Lecture 16: Van Deemter equation/in-depth analysis (IS)                    |  | Project work (KZ7101)                                |  | Project work (KZ7101)                          |  |
| afternoon<br>(13:00-17:00) | Project work (KZ7101)                                    | Project work (KZ7101)                      |  | Homework KZ7102                                                            |  |                                                      |  |                                                |  |
| 2026-10-19                 |                                                          | 2026-10-20                                 |  | 2026-10-21                                                                 |  | 2026-10-22                                           |  | 2026-10-23                                     |  |
| morning<br>(9:00-12:00)    | Lecture 8: KZ7102                                        | Lab 8: KZ7102                              |  | Lecture 17: Multi-dimensional separations (IS)                             |  | Project report writing                               |  | Project presentations (KZ7101)                 |  |
| afternoon<br>(13:00-17:00) | Project work (KZ7101)                                    | Project work (KZ7101)                      |  | Homework KZ7102                                                            |  |                                                      |  | Project report submission (KZ7101)             |  |
| 2026-10-26                 |                                                          | 2026-10-27                                 |  | 2026-10-28                                                                 |  | 2026-10-29                                           |  | 2026-10-30                                     |  |
| morning<br>(9:00-12:00)    | Q&A KZ7102                                               | Exam preparations                          |  | Q&A KZ7101                                                                 |  | EXAM KZ7101                                          |  | EXAM KZ7102                                    |  |
| afternoon<br>(13:00-17:00) | Exam preparations                                        |                                            |  | Exam preparations                                                          |  | Exam preparations                                    |  |                                                |  |