




Advanced Separation Methods KA 7006 HT-2016

2016-08-17


| Day | Date | Time | Activity | Lecturer | Room | | |
|-----|-------------|------------------------------|--|----------|------|----|------|
| Mon | 29/8 | 12:00-14:00 | Roll Call, Registration & Information | cö | B237 | | |
| | | | Introduction to Advanced Separation Methods | | | | |
| | | | The Lab Framework & Introduction to Project Work | | | | |
| | | | Lab Notebook & Lab Safety | | | | |
| | | | ASM on the Mondo Platform | | | | |
| | 14:00-15:00 | Department tour & Lab safety | RA/FI | B237 | | | |
| Tue | 30/8 | 09:30-12:00 | Statistics III: Hypothesis testing, t-test, F-test, ANOVA, LOD | MÅ | B237 | | |
| | | 13:00-15:00 | Workshop - Statistical Hypothesis testing | MÅ | B237 | | |
| Wed | 31/8 | 09:00-9:30 | Introduction to Clickers | cö | B237 | | |
| | | 09:30-10:00 | Diagnostics I - Clicker Test | | | | |
| | | 10:00-10:30 | Project start - Organizing lab groups | | | | |
| | | 10:30-11:00 | Photo session | | | | |
| | | 12:00-14:30 | Sample extraction & Clean-up | | | | |
| Thu | 1/9 | 09:00-11:30 | Air Sampling: Particle phase | cö | B237 | | |
| | | 12:30-17:00 | <i>Project Work</i> | | | - | - |
| Fri | 2/9 | 09:00-11:30 | Air Sampling: Gas phase | cö | B237 | | |
| | | 12:30-17:00 | <i>Project Work</i> | | | - | - |
| Mon | 5/9 | 09:00-11:30 | Basic Chromatography | cö | B237 | | |
| | | 12:30-17:00 | <i>Project Work</i> | | | - | - |
| Tue | 8/9 | 09:00-11:30 | Chromatographic Theory | cö | B237 | | |
| | | 12:30-17:00 | <i>Project Work</i> | | | - | - |
| Wed | 9/9 | 09:00-12:00 | Qualitative & Quantitative Chromatographic Analysis | cö | B237 | | |
| | | 12:00-17:00 | Workshop - Quantification Calculations Part 1 | | | - | - |
| Thu | 10/9 | 09:00-11:30 | Gas Chromatography: Injection & Detection | cö | B237 | | |
| | | 12:30-17:00 | <i>Project Work</i> | | | - | - |
| Fri | 11/9 | 09:00-11:30 | Gas Chromatography: Columns & Separation | cö | B237 | | |
| | | 12:30-14:30 | Workshop - GC computer simulation | | | cö | B237 |
| | | 14:30-17:00 | <i>Project Work</i> | | | - | - |
| Mon | 12/9 | 09:00-11:30 | LC: Principles, The Column, NP & RP-LC | cö | B237 | | |
| | | 12:30-14:30 | Workshop - Quantification Calculations Part 2 | | | cö | B237 |
| | | 14:30-17:00 | <i>Project Work</i> | | | - | - |
| Tue | 13/9 | 09:00-11:30 | Liquid Chromatographic Methods | cö | B237 | | |
| | | 12:30-17:00 | <i>Project Work</i> | | | - | - |
| Wed | 14/9 | 09:00-11:30 | Method Development in Chromatography | cö | B237 | | |
| | | 12:30-17:00 | Workshop - Quantification Calculations Part 3 | | | - | - |
| Thu | 15/9 | 09:00-11:30 | Multidimensional & Preparative Chromatography | cö | B237 | | |
| | | 12:30-17:00 | <i>Project Work</i> | | | - | - |
| Fri | 16/9 | 09:00-17:00 | LITTERATURE PROJECT | | | | |
| Mon | 19/9 | 09:00-17:00 | <i>Peer review of reports</i> | | | | |
| Tue | 20/9 | 09:00-17:00 | <i>Correcting & handing in reports</i> | | | | |
| Wed | 21/9 | 09:00-17:00 | Seminars - Litterature project | cö | B237 | | |
| Thu | 22/9 | 09:00-12:00 | GC/MS - The Instrument: Analyzers & Detection | RW | B237 | | |
| | | 13:00-13:30 | Lab Safety - Clicker Test | | | | |
| | | 13:30-17:00 | <i>Project Work</i> | | | | |
| Fri | 23/9 | 09:00-17:00 | <i>Project Work</i> | - | - | | |
| | | 24:00 | <i>Deadline - Project plans EXPERIMENTAL PROJECT #1 & #2</i> | | | | |
| Mon | 26/9 | 09:00-12:00 | GC/MS - Ionization Techniques | UN | B237 | | |
| | | 12:00-17:00 | Workshop - GC/MS data analysis | | | cö | |
| Tue | 27/9 | 09:00-12:00 | GC/MS - Fragmentation | UN | B237 | | |
| | | 13:00-17:00 | <i>Project Work</i> | | | | |
| Wed | 28/9 | 09:00-17:00 | EXPERIMENTAL PROJECT #1 | RA/FI | | | |
| Thu | 29/9 | 09:00-17:00 | | RA/FI | Lab | | |
| Fri | 30/9 | 09:00-17:00 | | RA/FI | Lab | | |
| Mon | 3/10 | 09:00-17:00 | | RA/FI | Lab | | |
| Tue | 4/10 | 09:00-17:00 | | RA/FI | Lab | | |
| Wed | 5/10 | 09:00-17:00 | Lab Cleaning | RA/FI | Lab | | |

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|-----|-------|-------------|---|----------|------|
| Thu | 6/10 | 09:00-17:00 | <i>Project Work / Preparing Reports & Presentations</i> | | |
| Fri | 7/10 | 09:00-17:00 | <i>Project Work / Preparing Reports & Presentations</i> | | |
| | | 24:00 | <i>Deadline - Reports EXPERIMENTAL PROJECT #1</i> | | |
| Mon | 10/10 | 9:00-12:00 | Seminars - Reporting Project #2 | RA/FI/CÖ | B237 |
| | | | Experimental Project #1 evaluation (Clickers + Comments) | CÖ | |
| | | 13:00-17:00 | <i>Project management / Preparing Reports & Presentations</i> | - | B237 |
| Tue | 11/10 | 09:00-17:00 | EXPERIMENTAL PROJECT #2 | RA/FI | B234 |
| Wed | 12/10 | 09:00-17:00 | | RA/FI | B237 |
| Thu | 13/10 | 09:00-17:00 | | RA/FI | Lab |
| Fri | 14/10 | 09:00-17:00 | | RA/FI | Lab |
| Mon | 17/10 | 09:00-17:00 | | RA/FI | Lab |
| Tue | 18/10 | 09:00-17:00 | Lab Cleaning | RA/FI | Lab |
| Wed | 19/10 | 09:00-17:00 | <i>Preparing Reports & Presentations</i> | - | Lab |
| Thu | 20/10 | 09:00-17:00 | <i>Preparing Reports & Presentations</i> | - | |
| | | 24:00 | <i>Deadline - Reports EXPERIMENTAL PROJECT #2</i> | | |
| Fri | 21/10 | 09:00-12:00 | Seminars - Reporting Project #3 | RA/FI/CÖ | |
| | | | Experimental Project #2 evaluation (Clickers + Comments) | CÖ | |
| | | | Diagnostics II - Clicker Test | CÖ | |
| Mon | 24/10 | - | <i>Preparation for examination</i> | - | |
| Tue | 25/10 | - | <i>Preparation for examination</i> | - | |
| Wed | 26/10 | - | <i>Preparation for examination</i> | - | |
| Thu | 27/10 | 9:00-14:30 | Examination | - | B237 |
| Fri | 28/10 | 09:00-11:00 | Going through the Examination | CÖ | B237 |
| | | 11:00 | Course Finish | RA/FI/CÖ | B237 |

Observe! This schedule may be subject to changes!

   = Laboratory Project Work (mandatory)

 = Workshop (mandatory)

 = Seminars (mandatory)