Week starting on 08.08.2022
Exam B4
X03 - Start
olivier.nicolet@hefr.ch
Module
Re-exam B1
Fribourg
S03
B1 (LT)
Olivier Nicolet
13.06.2022
C5
Corpus Christi
08:30-10:30
Fribourg
Semester
X02
Semester
Location
X02 - Defense
X02
Exam D2
Exam C2
S04
Fribourg, B00.22
Individual
17.01.2022
X02 - Defense
Location
Exams Spring Semester 2021
08.08.2022
Semester
18.01.2022
20.06.2022
S04
20.09.2021
Choice1)
Fribourg
19.01.2022
B1 (LT)
S01
CW32
Fribourg, B00.22
Exam S05
09:00-11:00
Choice1)
X02
Re-exam B2
CW32
09:00-11:00
B3
S04
Location3)
8:15 - 9:50 10:15 - 11:50 13:00 - 14:35 15:00 - 16:35 8:15 - 9:50 10:15 - 11:50 13:00 - 14:35 15:00 - 16:35 9:45 - 15:45 9:15 - 17:15

Specialization Modules
ECTS Choice1) Semester Location
S10 Process Chemistry and Development Roger Mand Roger Mand@hefr.ch 4 c Autumn Fribourg B00.22
S10 Process Design and Optimisation Michel Dobros michel.dobros@hefr.ch 4 c Spring Fribourg B00.22
S10 Safety, Production and Quality Veronique Braguet Mercier veronique.braguetmercier@hefr.ch 4 c Autumn Fribourg B00.22
S10 Analytical and Characterization Cyril Pontem Cyril Ponteman@hefr.ch 4 c Spring Fribourg B00.22

Core Competences
ECTS Choice1) Semester Location
B1 Business Administration for Life Sciences 3 co Autumn Online
B2 Management and Leadership for Life Sciences 3 co Autumn Online
B3 Innovation and Project Management 3 co Autumn Online
B4 Politics and Society 3 co Autumn Online
B5 Handling and Visualising Data 3 co Spring Online
B6 Design and Analysis of Experiments 3 co Spring Online
B7 Modelling and Exploration of Multivariate Data 3 co Spring Online

Core Competences - Local Teaching (LT) ECTS Choice1) Semester Location
B1 (LT) Business Administration for Life Sciences Raphael Gautret raphael.gautret@hefr.ch Part of B1 co Autumn Fribourg B00.22
B2 (LT) Management and Leadership for Life Sciences Raphael Gautret raphael.gautret@hefr.ch Part of B2 co Autumn Fribourg B00.22
B3 (LT) Innovation and Project Management Raphael Gautret raphael.gautret@hefr.ch Part of B3 co Autumn Fribourg B00.22
B4 (LT) Politics and Society Raphael Gautret raphael.gautret@hefr.ch Part of B4 co Autumn Fribourg B00.22
B5 (LT) Handling and Visualising Data Florence Vety florence.verty@hefr.ch Part of D1 co Spring Fribourg B00.22
B6 (LT) Design and Analysis of Experiments Florence Vety florence.verty@hefr.ch Part of D2 co Spring Fribourg B00.22
B7 (LT) Modelling and Exploration of Multivariate Data Florence Vety florence.verty@hefr.ch Part of D3 co Spring Fribourg B00.22

Additional Offer from other Clusters by MSLS ECTS Choice1) Semester Location
ECS1 Modelling of Complex Systems Thursday CW58-44 3 o Autumn Online and online
ECS9 Compound Profiling in Pharmaceutical Drug Discovery Thursday CW58-44 3 o Autumn Online and online
WP3 Design of Biopharmaceutical Production Facilities Block week CW49 3 o Winter school Wädenswil (lbc)
### Master of Science in Life Sciences HES-SO Schedule 2021/2022 - Viticulture & Enology (VE, Changins)

#### Modules

**Core Competences**
- Minimum 5 modules (15 ECTS)
- Minimum 3 modules (9 ECTS)

**Cluster-specific Modules**
- Minimum 3 modules (9 ECTS)

**Additional Offer**
- Optional

**Cluster-specific Modules**
- Additional Offer from other Clusters by MSLS (shown between [ ] in the schedule) ECTS

#### Core Competences

- **Local Teaching (LT)**
- **Modelling and Exploration of Multivariate Data**
- **Handling and Visualising Data**
- **Design and Analysis of Experiments**
- **Design and Exploration of Multivariate Data**

#### Cluster-specific Modules

- **Biodiversity & Biobased by MSLS**

#### Additional Offer from other Clusters by MSLS (shown between [ ] in the schedule)

- **Life Cycle Assessment**
- **Sustainable Natural Resource Management**
- **Biodiversity**
- **Water Management for Household, Industry and Agriculture**

### Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Module Location</th>
<th>Date</th>
<th>Time</th>
<th>Module Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.11.2021</td>
<td>08:30-10:30</td>
<td>B1 Changins</td>
<td>02.05.2022</td>
<td>08:30-10:30</td>
<td>P3 Changins</td>
</tr>
<tr>
<td>22.11.2021</td>
<td>08:30-10:30</td>
<td>B2 Changins</td>
<td>07.06.2022</td>
<td>08:30-10:30</td>
<td>P3 Changins</td>
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<td>10.01.2022</td>
<td>08:30-11:00</td>
<td>S12 Changins, Room 116</td>
<td>13.06.2022</td>
<td>10:40-12:15</td>
<td>D2 Changins, Room 116</td>
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<td>12.01.2022</td>
<td>08:30-11:00</td>
<td>S16 Changins, Room 116</td>
<td>14.06.2022</td>
<td>10:40-12:15</td>
<td>D2 Changins, Room 116</td>
</tr>
<tr>
<td>17.01.2022</td>
<td>14:30-15:00</td>
<td>Re-exam B1</td>
<td>15.06.2022</td>
<td>10:40-12:15</td>
<td>D2 Changins, Room 116</td>
</tr>
<tr>
<td>13.10.2022</td>
<td>08:00-10:00</td>
<td>B2 Changins</td>
<td>06.06.2022</td>
<td>08:30-10:30</td>
<td>P3 Changins</td>
</tr>
<tr>
<td>02.05.2022</td>
<td>08:30-10:30</td>
<td>B1 Changins</td>
<td>07.06.2022</td>
<td>08:30-10:30</td>
<td>P3 Changins</td>
</tr>
<tr>
<td>21.02.2022</td>
<td>08:30-11:00</td>
<td>S12 Changins, Room 116</td>
<td>13.06.2022</td>
<td>10:40-12:15</td>
<td>D2 Changins, Room 116</td>
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<td>23.03.2022</td>
<td>08:30-10:30</td>
<td>Re-exam F1 Changins</td>
<td>21.03.2022</td>
<td>08:30-10:30</td>
<td>Re-exam F1</td>
</tr>
</tbody>
</table>

For X1, X2 and X3, individual deadlines and defences are communicated to students on the exam timetable.

### Autumn Semester

- **Specialization Modules**
  - ECTS Choice Semester Location
    - 512 Grapevine Environment - Sustainable Viticulture
    - 513 Genetic Resources and Grapevine Production
    - 514 Vineyard Design
    - 515 Vitis Genomes Technology, Chemistry and Microbiology
    - 516 Wine Economics and Management

- **Master Thesis**
  - ECTS Choice Semester Location
    - 527 Literature Review and Research Proposal
    - 532 Preliminary Project
    - 533 Master Project

- **Core Competences Data & Business by MSLS**
  - ECTS Choice Semester Location
    - Business Administration for Life Sciences
    - Management and Leadership for Life Sciences
    - Innovation and Project Management
    - Politics and Society
    - Handling and Visualising Data
    - Design and Analysis of Experiments
    - Design and Exploration of Multivariate Data

- **Cluster-specific Modules**
  - ECTS Choice Semester Location
    - BioPharma/BP by MSLS

- **Additional Offer from other Clusters by MSLS (shown between [ ] in the schedule)**
  - Life Cycle Assessment
  - Sustainable Natural Resource Management
  - Biodiversity
  - Water Management for Household, Industry and Agriculture

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1. compulsory (c), compulsory optional (co), optional (o)
2. CC and CS are compulsory optional (co) modules - for the CC modules you have to take 15 ECTS out of 21 ECTS, for the CS-modules you have to take minimal 9 ECTS
3. The common part (2 ECTS) is given by distance learning on Friday. The local teaching (1 ECTS, LTD or LTB) is given in Changins in Autumn and Genève in Spring.

Lausanne, 05.05.2022