

VT24 5HI020 - "Standardisation Within Health Informatics" course  
**Schedule of the course – 10 January 2024**

**When:** the course starts on **Monday 15<sup>th</sup> January 2024** and runs until **Sunday 17<sup>th</sup> March 2024**.

**Where:** In Solna Campus. Rooms: Charles, Louis.

**Notice 1:** This schedule is for course activities, including mandatory activities (i.e., activities that require compulsory attendance). Please save the dates and times for the planned sessions and the mandatory activities (dates and times are presented for Central European Time – CET time zone, i.e., Stockholm time). Sessions with guest lectures are planned but need to be confirmed. Deadlines and mandatory activities (including assignments and re-examinations) are consolidated, and they will not change. This schedule does not include the time you need for studying lectures, literature, or other learning materials. Lectures can be in person, in the class, online as Zoom meetings (only in special cases), alternatively provided as recorded videos.

**Notice 2:** Please make sure that you have a personal computer/ laptop available for practicing, as software tools running on personal computers/ laptops will be used in the course.

**Notice 3:** Composition of the Groups for the mandatory group assignments will be done by the teacher; however, groups can be proposed by students.

| Week | #                        | Date                         | Time  | Activities  | Lecturer | Room    |
|------|--------------------------|------------------------------|---|---|----------|---------|
| 3    | 1                        | Monday 15th January 2024     |   | No class activity   |          |         |
|      | 2                        | Tuesday 16th January 2024    | 13:00-16:00   | <b>Mandatory activity:</b> Roll call + 0.1 Introduction to the course   | SB       | Charles |
|      | 3                        | Wednesday 17th January 2024  |   | No class activity   |          |         |
|      | 4                        | Thursday 18th January 2024   | 13:00-16:00   | Recap on Ontologies and Terminologies   | SB       | Charles |
|      | 5                        | Friday 19th January 2024     |   | No class activity   |          |         |
|      | 6                        |                              |   |   |          |         |
|      | 7                        |                              |   |   |          |         |
| Week | #                        | Date                         | Time  | Activities  | Lecturer | Room    |
| 4    | 1                        | Monday 22th January 2024     |   | No class activity   |          |         |
|      | 2                        | Tuesday 23rd January 2024    | 10:00-12:00   | Laboratory sessions on Unified Medical Language System (UMLS) and Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT) - Part 1 - SNOMED CT | SB       | Charles |
|      | 3                        | Wednesday 24th January 2024  | 10:00-12:00   | Laboratory sessions on UMLS and SNOMED CT - Part 2 - UMLS   | SB       | Charles |
|      |                          |                              | 13:00-16:00   | The HL7 series of standards   | SK       |         |
|      | 4                        | Thursday 25th January 2024   |   | No class activity   |          |         |
|      | 5                        | Friday 26th January 2024     |   | No class activity   |          |         |
|      | 6                        |                              |   |   |          |         |
| 7    |                          |                              |   |   |          |         |
| Week | #                        | Date                         | Time  | Activities  | Lecturer | Room    |
| 5    | 1                        | Monday 29th January 2024     |   | No class activity   |          |         |
|      | 2                        | Tuesday 30th January 2024    |   | No class activity   |          |         |
|      | 3                        | Wednesday 31st January 2024  | 10:00-11:00   | Health Level 7 (HL7) v.2 - Installation Session   | SB       | Louis   |
|      |                          |                              | 11:00-12:00   | <b>Mandatory activity:</b> HL7 v.2 – Demonstration and introduction to the assignment   | SK, SB   |         |
|      |                          |                              | 13:00-16:00   | <b>Mandatory activity:</b> HL7 v.2 lab: Laboratory session  | SK, SB   |         |
|      | 4                        | Thursday 1st February 2024   |   | No class activity   |          |         |
|      | 5                        | Friday 2nd February 2024     |   | No class activity   |          |         |
| 6    |                          |                              |   |   |          |         |
| 7    | Sunday 4th February 2024 | by 23:59:00                  | <b>Mandatory activity:</b> Online submission Deadline of HL7 v2 Assignment - submission on CANVAS |   | Online   |         |
| Week | #                        | Date                         | Time  | Activities  | Lecturer | Room    |
| 8    | 1                        | Monday 19th February 2024    | by 23:59:00   | <b>Mandatory activity:</b> Online submission Deadline of Compensation of HL7 v2 Assignment - submission on CANVAS                                       |          | Online  |
|      | 2                        | Tuesday 20th February 2024   |   | No class activity   |          |         |
|      | 3                        | Wednesday 21st February 2024 |   | No class activity   |          |         |
|      | 4                        | Thursday 22nd February 2024  |   | No class activity   |          |         |
|      | 5                        | Friday 23rd February 2024    | 10:00-12:00   | CLIPS: Lecture  | SB       | Charles |
|      |                          |                              | 13:00-16:00   | CLIPS: Installation, and Demonstrations   | SB       |         |
| 6    |                          |                              |   |   |          |         |

VT24 5HI020 - "Standardisation Within Health Informatics" course  
**Schedule of the course – 10 January 2024**

| Week        | #                      | Date                         | Time   | Activities   | Lecturer  | Room               |
|-------------|------------------------|------------------------------|--|--|-----------|--------------------|
| 9           | 1                      | Monday 26th February 2024    | 10:00-12:00  | CLIPS: Exercises   | SB        | Charles            |
|             |                        |                              | 13:00-16:00  | <b>Mandatory activity:</b> CLIPS: Laboratory session   | SB        |                    |
|             | 2                      | Tuesday 27th February 2024   | 10:00-12:00  | Standardisation organisations and initiatives  | LM        | Charles            |
|             |                        |                              | 13:00-15:00  | <b>HL7 - Fast Healthcare Interoperability Resources (FHIR): Lecture</b>  | <b>RS</b> |                    |
|             | 3                      | Wednesday 28th February 2024 | 10:00-12:00  | No class activity  |           | Charles            |
|             |                        |                              | 13:00-16:00  | HL7 - FHIR: Installation Session + Demonstrations  | SB        |                    |
|             | 4                      | Thursday 29th February 2024  | 10:00-12:00  | HL7 - FHIR: Exercises  | SB        | Charles            |
|             |                        |                              | 13:00-16:00  | <b>Mandatory activity:</b> HL7 FHIR: Laboratory session  | SB        |                    |
|             | 5                      | Friday 1st March 2024        | 10:00-12:00  | OpenEHR: Lecture   | JV        | Charles            |
| 13:00-16:00 |                        |                              | OpenEHR: Installation Session, Demonstrations  | SB   |           |                    |
| 6           |                        |                              |  |  |           |                    |
| 7           | Sunday 3rd March 2024  | by 23:59:00                  | <b>Mandatory activity:</b> Online submission Deadline of CLIPS Assignment - submission on CANVAS   |  | Online    |                    |
| Week        | #                      | Date                         | Time   | Activities   | Lecturer  | Room               |
| 10          | 1                      | Monday 4th March 2024        | 10:00-12:00  | OpenEHR: Exercises   | SB        | Charles            |
|             |                        |                              | 13:00-16:00  | <b>Mandatory activity:</b> OpenEHR: Laboratory session   |           |                    |
|             | 2                      | Tuesday 5th March 2024       | by 23:59:00  | <b>Mandatory activity:</b> Online submission Deadline of HL7 FHIR Assignment - submission on CANVAS  |           | Online             |
|             | 3                      | Wednesday 6th March 2024     | 10:00-12:00  | Guideline Definition Language (GDL) v2: Lecture  | KK        | Charles            |
|             |                        |                              | 13:00-16:00  | Guideline Definition Language (GDL) v2: Installation Session   | KK        |                    |
|             | 4                      | Thursday 7th March 2024      | 10:00-18:00  | <b>Rehearsal - "Individual written digital examination via distance"</b>   | SB        | Online             |
|             | 5                      | Friday 8th March 2024        | 10:00-12:00  | Guideline Definition Language (GDL) v2: Demonstrations,  | KK        | Charles            |
| 13:00-16:00 |                        |                              | Guideline Definition Language (GDL) v2: Exercises  | KK   |           |                    |
| 6           |                        |                              |  |  |           |                    |
| 7           | Sunday 10th March 2024 | by 23:59:00                  | <b>Mandatory activity:</b> Online submission Deadline of OpenEHR Assignment - submission on CANVAS   |  |           |                    |
| Week        | #                      | Date                         | Time   | Activities   | Lecturer  | Room               |
| 11          | 1                      | Monday 11th March 2024       | 10:00-12:00  | <b>openEHR in practice + Q&amp;A (option 1)</b>  | <b>ES</b> | Charles            |
|             |                        |                              | 13:00-15:00  | Service contracts and standards used in Swedish eHealth  | TB        |                    |
|             | 2                      | Tuesday 12th March 2024      | 10:00-12:00  | Advantages and challenges on OpenEHR adoption: a critical view.<br>Open-source initiatives in health informatics - IMIA WG for Open-source | LMR       | Charles/<br>Online |
|             |                        |                              | 13:00-15:00  | openEHR adoption in Europe: experience from Catalonia  | LML       |                    |
|             | 3                      | Wednesday 13th March 2024    | 10:00-12:00  | <b>openEHR in practice + Q&amp;A (option 2)</b>  | <b>ES</b> | Charles            |
|             |                        |                              | 13:00-15:00  | Class discussion and feedback about the rehearsal  | SB        |                    |
|             | 4                      | Thursday 14th March 2024     |  | No class activity  |           |                    |
| 5           | Friday 15th March 2024 | 9:00 - 17:00                 | <b>Mandatory activity:</b> The individual digital written examination at distance. It opens on CANVAS at 09:00:00 AM CET; Deadline: submission on CANVAS by 17:00:00 CET |  | Online    |                    |
| 6           |                        |                              |  |  |           |                    |
| 7           |                        |                              |  |  |           |                    |

**Re-examinations of VT24 5HI020 "Standardisation within health informatics" course:**

**=1=** Re-Examination May 2024 - VT24 5HI020 course: Tuesday 7th May 2024, time: 9:00-17:00, Stockholm time.

**=2=** Re-Examination August 2024 - VT24 5HI020 course: Monday 19th August 2024, time: 9:00-17:00, Stockholm time.