

Qualification Seminar in Programming and Qualitative Methods

Conditionally admitted

If you are offered a seat on the MSc in Digital Innovation and Management or MSc in Digital Design and Interactive Technologies, but do not meet the admission requirements concerning programming/database skills or qualitative methods, you will be **conditionally admitted** and you **must pass the mandatory test** in order to fully enroll in your MSc programme.

Mandatory test in programming is on 2 August 2019 (or re-test 16 August 2019)

Mandatory (online hand in of written) **test in qualitative methods is** on the 1 August 2019 (or re-test 15 August 2019)

Prior to the mandatory test, ITU strongly recommends that you participate in the **Qualification Seminar** during July.

Qualification Seminar in Programming

When participating in the Qualification Seminar, you should expect to follow classes, work on exercises, study on your own and prepare for the test. You can expect to spend 37 hours a week in July. The classes are conducted in English and will take place at the IT University of Copenhagen.

During the Qualification Seminar you will learn to program in Python and you will be introduced to imperative programming, object-oriented programming and handling of text data (non-exhaustive list). If these concepts are new to you, please keep in mind that the purpose of the seminar is to help you gain these skills. We do not expect you to have any previous experience with programming. The Qualification Seminar is tailored to provide you with the programming skills necessary to pass the test and the skills required to be fully admitted to the MSc in Digital Innovation and Management or MSc in Digital Design and Interactive Technologies.

If you already know programming, but you do not have any certificate of your skills, you can take the test in August without following the seminar.

Seminar Schedule:

Teaching will take place on the following days between 9.00-15.00:

Week 27	Week 28	Week 29	Week 30
Monday 1 July	Monday 8 July	Monday 15 July	Monday 22 July
Wednesday 3 July	Wednesday 10 July	Wednesday 17 July	
Friday 5 July	Friday 12 July	Friday 19 July	

Additional days for practice between 9.00-15.00:

Wednesday 24 July
Friday 26 July

Test: Friday 2 August 9.00-13.00

Re-test: Friday 16 August 09.00-13.00

Q&A

How do I register for the Qualification Seminar and/or the test?

You will receive information on how to activate your ITU login and register for the seminar in your welcome letter middle of June.

Is there a fee for participating in the Qualification Seminar and the test?

No. Participation in the Qualification Seminar and the test is free of charge.

<p>Do I need prior knowledge within programming to participate in the Qualification Seminar? No. Prior knowledge about or experience with programming is not required.</p>
<p>How do I prepare? You should have a laptop computer that you are familiar with and get at least one of the two course books, either in electronic form or in print (see recommended literature below). No other preparation is needed. Note, that there will be homework and reading between the seminar days.</p> <p>From last year's experience we know that you will need full-time to study on this course. That is, it is not recommended to work on the days where there is no lectures at ITU.</p>
<p>Should I bring my own computer? Yes. You must bring your own computer that fulfils the requirements.</p>
<p>Should I install any software? Your computer must have an up-to-date modern browser, such as Chrome, Firefox, Safari, or Internet Explorer. You do not need to install other software beforehand; we will do that during the seminar days.</p>
<p>Are there any requirements to my computer? Yes, your computer must run Windows or MacOS. Ubuntu Linux should work fine, but we cannot provide any support for it. Precisely, you have to have at least one of the following operating systems in the respective version installed on your laptop:</p> <ul style="list-style-type: none">• Windows 10• MacOS 10.11• Ubuntu 16.04 <p>Consequently, no iOS, Android, Chromebook, or similar device will suffice.</p> <p>Additional requirements:</p> <ul style="list-style-type: none">• The computer must have a physical keyboard, i.e., not a touchpad.• The computer must have wireless internet connection (wifi) so you can connect to ITU's network.• Your computer must have at least 5 gigabytes of free space.
<p>What about literature? The seminar uses two books, both of which are available in print form at a modest cost. You should before the seminar starts get at least one of the two course books, either in electronic form or in print:</p> <ul style="list-style-type: none">* Al Sweigart: Automate the Boring Stuff with Python* Eric Matthes: Python Crash Course. A Hands-On, Project-Based Introduction to Programming. <p>Moreover, the main book "Automate the Boring Stuff with Python" can be accessed for free online.</p>
<p>What happens if I am not able to attend the seminar in July and/or take the test 2 August? We strongly recommend that you follow the optional Qualification Seminar in July and take the mandatory test 2 August 2019 if you do not have any programming skills. There will be a re-test on 16 August 2019.</p> <p><i>You must pass the test or re-test in order to stay enrolled in your study programme.</i></p>

Can I attend the seminar in July if I am not able to take the test 2 August?

Yes. You can attend the seminar during July and take the re-test 16 August.

Can I follow the seminar online?

The seminar is not an online seminar and we strongly encourage you to participate in classes.

However, if you are not able to attend the seminar in July or part of the seminar, you are welcome to enroll into the Course page and follow the seminar online to the extend possible. All seminar sessions will be published continuously as the course progresses, and will point to one or more chapters in the book that elaborates on the material. You will also be able to pose questions to teaching assistants in the Q&A on the Course page. If you read the session slides and the connected literature and perform the assignments, the teachers at the seminar believe that it is possible to require the skills necessary for the test in August.

You will get more information about how to enroll in the Course Page in the welcoming letter in middle of June.

Please be aware: You cannot take the test online, you have to be present at ITU.

What happens if I fail the mandatory test 2 August 2019?

If you do not pass the mandatory test on 2 August, there will be a re-test 16 August.

You must pass the test or re-test in order to stay enrolled in your study programme.

When do I know if I have passed the test?

You will receive your test results by 9 August and for the re-test on 20 August.

Where to meet?

We look forward to seeing you 1 July from 8:30 for tea, coffee, and croissants in ITU in front of Auditorium 1 on the ground floor. We will start with the seminar at 9:00 in Auditorium 1

Can I take the test on Special Conditions?

If you are suffering from physical or mental disabilities or are dealing with similar difficulties, The Board of Studies can approve special conditions for the test. This is to ensure that you are able to demonstrate your knowledge and competences notwithstanding your given disability.

The test on special conditions must be both practically possible and reasonable and must not lower the general academic standard or level of the test.

To apply please contact the [Study Guidance](#), to have more information about the process, and guidance on what special conditions you need.

Deadline for applying is 21 June.

Qualification Seminar in qualitative methods

When participating in the Qualification Seminar, you should expect to follow classes, work on exercises, study on your own and prepare for the test. You can expect to spend 37 hours a week on the seminar.

During the Qualification Seminar, you will learn basic qualitative methods such as interviews, participant observation, analysis of documents and web content, simple surveys, analysis and reporting of data (non-exhaustive list). If these concepts are new to you, please keep in mind that the purpose of the seminar is to help you gain these skills. We do not expect you to have any previous experience with qualitative methods. The Qualification Seminar is tailored to provide you with the qualitative methods skills necessary to pass the test and the skills required to be fully admitted to the MSc in Digital Innovation and Management or MSc in Digital Design and Interactive Technologies.

The classes will take place at the IT University of Copenhagen. Teaching will consist in lectures and practical exercises.

Seminar Schedule:

Teaching will take place on the following days between 9.00-18.00:

Monday 15 July
Wednesday 17 July
Monday 22 July
Wednesday 24 July

Online hand-in of the written test: Thursday 1 August at 12.00

Online hand-in of the written re-test: Thursday 15 August at 12:00

If you do not attend the Seminar.

If you already know qualitative methods, but you do not have any certificate of your skills, you can submit the written test (5 mandatory tasks) no later than 1 August without following the seminar.

Please note that if you hand in the assignment without attending the seminar, your assignment needs to include a supplementary appendix. Furthermore you might be asked for an oral test on the 2 August 2019 (for the re-test 16 August 2019).

Q&A

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<p>Do I need prior knowledge within programming to participate in the Qualification Seminar? No. Prior knowledge about or experience with qualitative methods is not required.</p>
<p>How do I prepare? You should have a laptop computer that you are familiar with and get the recommended course book, either in electronic form or in print (see recommended literature below). No other preparation is needed. Note, that there will be homework and reading between the seminar days.</p>
<p>What about literature? You will get more information in your welcoming letter in middle of June.</p>
<p>What happens if I am not able to attend the seminar in July and/or take the test 1 August? We strongly recommend that you follow the optional Qualification Seminar in July and take the mandatory test 1 August 2019 if you do not have knowledge within qualitative methods.</p> <p>Please note that if you hand in the assignment without attending the seminar, your assignment needs to include a supplementary appendix and a teacher interviewing you about the assignment will be part of the test.</p> <p><i>You must pass the test or re-test in order to stay enrolled in your study programme.</i></p>
<p>What happens if I fail the mandatory test 1 August 2019? If you do not pass the mandatory test on 1 August, there will be a re-test 15 August.</p> <p><i>You must pass the test or re-test in order to stay enrolled in your study programme.</i></p>
<p>When do I know if I have passed the test? You will receive your test results latest 7 August and for the re-test 20 August.</p>
<p>Can I take the test on Special Conditions?</p> <p>If you are suffering from physical or mental disabilities or are dealing with similar difficulties, The Board of Studies can approve special conditions for the test. This is to ensure that you are able to demonstrate your knowledge and competences notwithstanding your given disability.</p> <p>The test on special conditions must be both practically possible and reasonable and must not lower the general academic standard or level of the test.</p> <p>To apply please contact the Study Guidance, to have more information about the process, and guidance on what special conditions you need.</p> <p><i>Deadline for applying is 21 June.</i></p>