

# Computer Science - Subject Module Course - Interactive digital systems

## About the course

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------|
| subject                      | Fagmodul i Datalogi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                             |
| Activity type                | subject module course                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                             |
| Teaching language            | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                             |
| Registration                 | Register through STADS Self-Service                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                             |
| Course order                 | Examples of how to structure your studies at Computer Science <a href="#">here</a>                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                             |
| Overall content              | <p>Technical terms and user situations in interactive digital systems.</p> <p>More specifically:</p> <ul style="list-style-type: none"><li>• Programming concepts for reactive and interactive systems (e.g. events, listeners)</li><li>• User interface design and construction. Typical user input and 2-D graphics and sound</li><li>• Autonomous systems (e.g. robots, control systems)</li><li>• Sensor input (e.g. touch, movement, vision, scientific measurements)</li><li>• Processing digital media</li></ul> |                                 |                             |
| Form of examination          | An individual oral exam with a duration of 15 min. based on a written individual assignment and the curriculum. The grading is a total of the oral exam and the written assignment. The written assignment is based on a given problem.                                                                                                                                                                                                                                                                                 |                                 |                             |
| Form of re-examination       | Same as the ordinary exam                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |                             |
|                              | You will be informed of details such as exact time and location later                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                             |
| Examination type             | Individual examination                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                             |
| Assessment                   | 7-point grading scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                             |
| Moderation                   | Internal (i.e. course lecturer and an internal examiner assess)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                             |
| Responsible for the activity | Mads Rosendahl ( <a href="mailto:madsr@ruc.dk">madsr@ruc.dk</a> )<br>Niels Jørgensen ( <a href="mailto:nielsj@ruc.dk">nielsj@ruc.dk</a> )                                                                                                                                                                                                                                                                                                                                                                               |                                 |                             |
| teacher                      | Mads Rosendahl ( <a href="mailto:madsr@ruc.dk">madsr@ruc.dk</a> )<br>Niels Jørgensen ( <a href="mailto:nielsj@ruc.dk">nielsj@ruc.dk</a> )                                                                                                                                                                                                                                                                                                                                                                               |                                 |                             |
| STADS stamdata               | subject module course                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | activitycode : U25233           |                             |
|                              | workload : 5 ECTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | grading : 7-point grading scale | ensorship : Internal censor |
|                              | exam form : Skriftlig/mundtlig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                 |                             |

Course days:

Hold: 1

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 1

time 13-02-2018 08:15 til  
13-02-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 2

time 20-02-2018 08:15 til  
20-02-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 3

time 27-02-2018 08:15 til  
27-02-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 4

time 06-03-2018 08:15 til  
06-03-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 5

time 13-03-2018 08:15 til  
13-03-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 6

time 20-03-2018 08:15 til  
20-03-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 7

time 27-03-2018 08:15 til  
27-03-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 8

time 03-04-2018 08:15 til  
03-04-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 9

time 10-04-2018 08:15 til  
10-04-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 10

time 17-04-2018 08:15 til  
17-04-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Lesson 11

time 24-04-2018 08:15 til  
24-04-2018 12:00

location 02.1-095 - kort og sten-salen (60)

Teacher Mads Rosendahl ( madsr@ruc.dk )

Teacher (when Shared Activity) Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Submission of written assignment

time 01-05-2018 12:00 til  
01-05-2018 12:00

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Oral Exam

time 11-06-2018 08:15 til  
12-06-2018 17:00

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Reexam: Submission of written assignment

time 10-08-2018 12:00 til  
10-08-2018 12:00

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

## Datalogi - Fagmodulkursus 3 - Interactive digital systems - Rexamination

time 24-08-2018 08:15 til  
24-08-2018 12:00

location 06.1-025 - møderum (12)

Teacher Mads Rosendahl ( madsr@ruc.dk )  
Niels Jørgensen ( nielsj@ruc.dk )

|          |                                |                                 |                              |
|----------|--------------------------------|---------------------------------|------------------------------|
| STADS    | subject module course          |                                 |                              |
| stamdata | workload : 5 ECTS              | activitycode : U25233           |                              |
|          | exam form : Skriftlig/mundtlig | grading : 7-point grading scale | censorship : Internal censor |