**MSc EMBEDDED SYSTEMS**

Programme mentor: Lisette van den Broek (master-emsys@utwente.nl) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***academic year*** ***2023-2024***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Year enrolment MSc Embedded Systems:

Name : Student number:

Telephone :

EC

***Homologation courses (bachelor CS-UT, TUD, TU/e)***

191210001 Instrumentation for embedded systems 5

(From academic year 23-24, the course code is changed as 202300099)

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***Homologation courses (bachelor EE-UT, TUD, TU/e)***

201800335 Programming 2[[1]](#footnote-1) (read footnote) 5

(This course is offered one last time in the academic year 22-23 for resits.

All others: please refer to the new course 202200108 Software Development for Robotics.)

202300232 Network Systems 5

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***Homologation courses (bachelor HBO)***

201800126 Distributed Energy Management for Smart Grids[[2]](#footnote-2) 5

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***Homologation courses (others; an individual programme)***

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***Compulsory courses***

192130240 Embedded computer architectures 1 5

(From academic year 23-24, the course code is changed as 202300078)

192140122 System validation 5

201200006 Quantitative evaluation of embedded systems 5

(From academic year 23-24, this course is replaced by 202300109 Quantitative Evaluation of Systems)

192130200 Real time systems 1 5

201000168 Embedded systems laboratory 5

25

***Elective courses (including TUD and TU/e courses)***

202001434 Internship (not for HBO students, optional for other students) (20 ec) ...

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***Graduation Project***

Reigstration of master thesis **before** September 2023

201600017 Final Project Preparation 10

201900200 Final project 30

***Or***

Reigstration of master thesis **after** (including) September 2023

202300070 Final Project 40

40

Total at least 120 credits …

Further comment:

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Signature: Lisette van den Broek Signature student:

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:

**This form should be emailed to BOZ-EMSYS**[**boz-emsys@utwente.nl**](mailto:boz-emsys@utwente.nl)

In case of alterations, please use the modification form via this link [Forms | EMSYS (utwente.nl)](https://www.utwente.nl/en/emsys/programmeinformation/forms/#individual-study-programme)

1. Students who have completed a Dutch university Bachelor’s degree programme in electrical engineering without sufficient programming, i.e. bachelor UT students that did not complete the module network systems for EE, are required to include this bachelor level course. Course programming 2 is part of module networks systems. If you have completed the networks systems module you are not allowed to take Programming 2 as homologation course. [↑](#footnote-ref-1)
2. Not in combination with course Energy Efficient Embedded Systems (192130122) due to overlap in content. [↑](#footnote-ref-2)