



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 713645.

BioMEP-doctoral programme: course selection

BioMEP doctoral students are able to select courses also from the BioMEP partner universities. The student and supervisor should discuss whether the courses fit the personal study plan, and also should make sure that the host institution will be able to accept the credits from the courses.

Tampere University of Technology, Finland

The following courses are 2nd cycle, i.e. master level courses that are also offered to post-graduate students. Course details and lecture periods can be found in the study guide (www.tut.fi).

Name of the course	ECTS
BMT-6056 Design of Microsensors	5
BMT-3076 Microfluidics	5
BMT-7816 Biosensors	5
BMT-7836 Optical Methods in Bioanalytics	4
BMT-47606 Radio Frequency Identification Technology	5
BMT-47626 Wireless Solutions in Intelligent Environments	2-8
BMT-47646 Special Topics in RFID Applications	2-8
BMT-62356 Product Development of Biomedical Devices	5
BMT-62406 Small Samples Data Analysis	3
BMT-63206 Bioelectronics	4
BMT-63256 Bio-Optoelectronic Instrumentation	5
BMT-63306 Modelling of Physiological Systems	5
BMT-73206 Biodegradable Polymers	5
BMT-74206 Tissue Engineering Applications	5
BMT-51006 Biology of the Cell	3
BMT-51506 Human Visual System	5
BMT-52406 Models of Gene Networks	3
BMT-53007 Computational Diagnostics	5
BMT-53506 Single Cell Signal Processing	5
BMT-53807 Methods in single cell biology (not lectured in 2017-18)	3
BMT-54006 Introduction to Neuroinformatics	5
BMT-57407 Standards, Interoperability and Regulations in Health Informatics	3
Post-graduate course:	
BMT-90006 Orientation to Doctoral Studies	3



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University of Eastern Finland, Kuopio, Finland

Please find information about the doctoral studies from:

<http://www.uef.fi/en/web/guest/research/doctoralschool/curricula-and-guidance>

The study guide can be found online, please see page 38 for the courses in Applied Physics:

<https://www.uef.fi/documents/10184/97102/UEF+Doctoral+Curricula+2016-2017.pdf/7bd219d9-9f34-4f72-95a0-47ced0d3be8e>

The course descriptions can be found from WebOodi: <https://weboodi.uef.fi/weboodi/>

Oulu University, Finland

Oulu University is offering general and transferrable skills studies and field specific studies:

<http://www oulu.fi/uniogs/courses>

The following courses are master level courses that are also offered to post-graduate students:

	Name of the course	ECTS
080928S	Biomedical Engineering Research Methods and Seminar	5
080920S	Diagnostic Imaging	5
080915S	Tissue Biomechanics	5
080924S	Biomaterials	2-5
080916S	Biomechanics of Human Movement	5
080921S	Biomedical Ultrasound	5
080923S	Physics in Radiation Therapy	5
080922S	Microscopy and Spectroscopic Imaging	5
080927S	Connected Health and mHealth	5

University of Turku, Finland

Please find the master level courses that are also offered to post-graduate students.

<http://www.utu.fi/en/sites/biomedicine/programmes/bioimaging/Pages/home.aspx>. Course details and lecture periods can be found from the section “Studying”.



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University of Zaragoza, Spain

Please find information about the doctoral studies from:

http://www.masterib.es/index_master_EN.php

The courses are listed here:

http://titulaciones.unizar.es/ing-biomedica/cuadro_asignaturas.html

Time table for the courses:

http://www.masterib.es/doc/Horarios14-15_MIB_definitivo.pdf

Aalto University

TMS-EEG Workshop and Summer School 4.9.2017 - 9.9.2017,

http://nbe.aalto.fi/en/studies/other/5th_science_factory/, 2-3 ECTS

Lund University

Please find information about the doctoral studies from:

<http://www.lth.se/english/staff/teaching-and-research/phd-studies/phd-courses/>

The courses are listed here:

<http://fukurser.lth.se/fud/?lang=en>

<http://bme.lth.se/education/courses/>

Intensive course on imaging:

<http://imagingresearch.lu.se/>

<http://imagingresearch.lu.se/programme/>