


Wageningen University		Human Microbiome (MIB-51301)		
Course description	Did you know microbes colonize your body and contribute to your health and wellbeing? These bacteria are called your 'microbiome'. Learn how you can impact your health by balancing your microbes. Learn how your microbiome together with your diet can improve normal gut function. Learn how a balanced microbiome and nutritional intake can avoid disorders like IBS, obesity and diabetes.			
Domain	Biology and life sciences			
Keywords	microbiome	nutrition	health	
Prerequisites	Secondary school biology			
Level	Bachelor introductory			
Language	English			
Number of credits and workload	1 credits	3-5 hrs per week	24 hrs in total	
Semester period and Start date course	Semester 1	Start date: Preferably 6 weeks before the exam		
Application deadline	1-Apr-19			
Full course description	<p>Module 1: The human microbiome This module includes topics like: how to study the microbiome, microbiota for health and the human microbiome</p> <p>Module 2: Early life microbiota development This module includes topics like: development of the microbiome, microbiome and health, life changing events, personal microbiota development</p> <p>Module 3: Microbiota and Ageing This module includes topics like: healthy ageing, including centenarians, diet and longevity; and ageing related diseases such as immunescence</p> <p>Module 4: Microbiota diet and disease Topics in this module include: nutrition, diet and genes and obesity</p> <p>Module 5: Microbial therapies and diagnostics This module includes topics like: microbial therapies, personalized therapies and diagnostics.</p> <p>Module 6: Applicability and societal impact</p>			

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	This module includes topics like: applicability of the microbiome in medical therapy, pharmacy, nutritional companies, probiotic production and the food chain. We also go in to some examples of host microbiota interactions		
Platform and link to course description	edX	https://www.edx.org/course/nutrition-and-health-human-microbiome	
Course description in study guide	https://ssc.wur.nl/Handbook/Course/MIB-51301		
Lecturer(s)	Clara Belzer		
Extra Course information	Wageningen online courses are fully self-paced and no lecturer is involved. Students must be able to manage their study process independently		
Picture of course			
Final examination date and time /period	tbd	tbd	July/Aug 2019
Examination registration deadline or drop-out deadline	Examination registration to be announced ~ June/July 2019 Drop- out deadline Not applicable		
Type of examination	A written exam taken on campus (70%) and final assignment in week 8 of online course (30%)		
Midterm examination?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no		

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Previous exam papers available	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	
Specific rules for examinations		
Resit? and date	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	February 2020
Grade release and transcript release	31-Aug-19	

Available Places 50		
	Interested	(Maximum) places per university <i>(give details if applicable, otherwise each participating university gets an equal part of the available places)</i>
Adelaide	<input type="checkbox"/> yes	Click or tap here to enter number
ANU	<input type="checkbox"/> yes	Click or tap here to enter number
EPFL	<input type="checkbox"/> yes	Click or tap here to enter number
HKUST	<input type="checkbox"/> yes	Click or tap here to enter number
Leiden	<input type="checkbox"/> yes	Click or tap here to enter number
Rice	<input type="checkbox"/> yes	Click or tap here to enter number
TU Delft	<input type="checkbox"/> yes	Click or tap here to enter number
UQ	<input type="checkbox"/> yes	Click or tap here to enter number
Wageningen	<input type="checkbox"/> yes	Click or tap here to enter number