

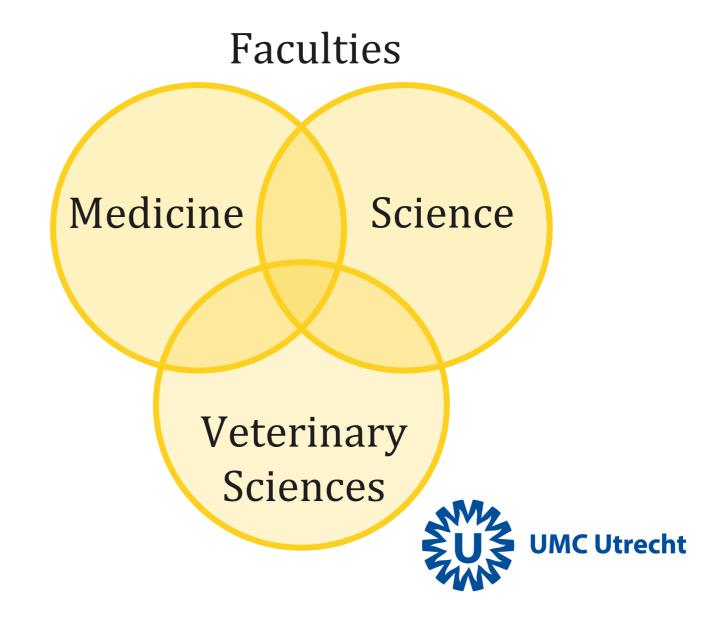


Master's programmes

- Biofabrication
- Biology of Disease
- Bio Inspired Innovation
- Cancer and Stem Cell Biology
- Drug Innovation
- Environmental Biology
- Epidemiology
- Epidemiology postgraduate
- Infection and Immunity
- Molecular and Cellular Life Sciences
- Neuroscience and Cognition
- Regenerative Medicine and Technology
- Science and Business Management
- Toxicology and Environmental Health

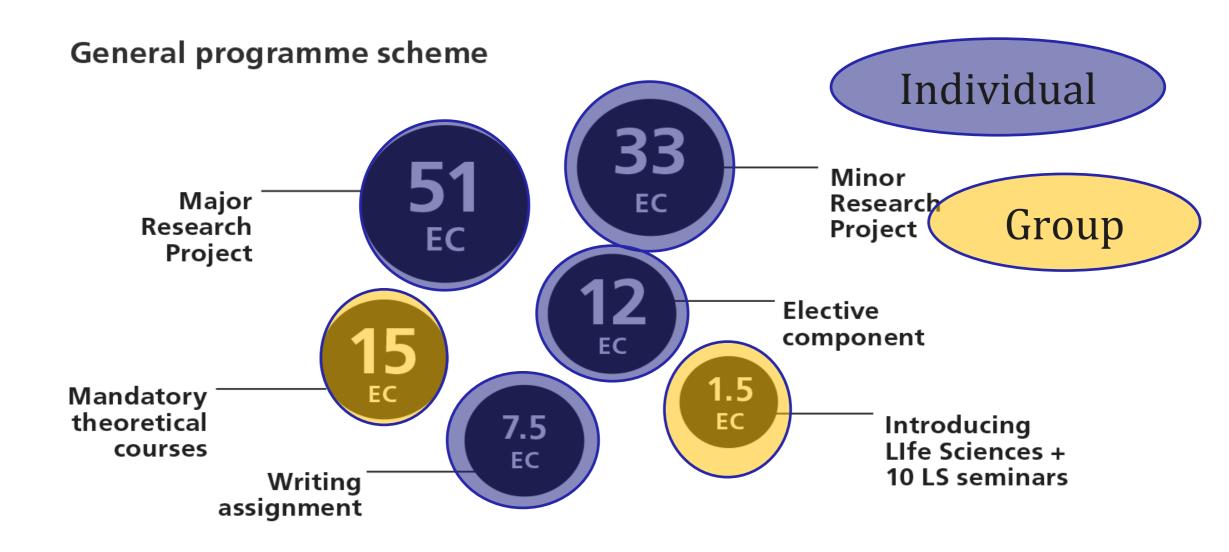
650 students/year, primarily biomedical

Mission: To provide future scientists the knowledge, skills and insight they need to take on top research positions around the world.





2-year programmes (120 EC)





Challenge

- 1. Provide guidance in highly interdisciplinary environment
- 2. Create community in strongly confined time frame (only < 1% of total EC)

Solution

Two modules:

- 1. Introducing Life Sciences
- 2. Navigation towards Personal Excellence



"Introducing Life Sciences", a joint start for all Master's programmes and students

Goal:

- General academic skills
- Enabling students to make consious choices in their study
- Life Sciences Community









Introducing Life Sciences

Introduction week for all first year Master's students of the Graduate School of Life Sciences 2016

Programme overview

Please note: Programme for February 2016 students starts on Tuesday September 6th

MONDAY 5 SEPT	Q	TUESDAY 6 SEPT	Q	WEDNESDAY 7 SEPT	Q	THURSDAY 8 SEPT	Q	FRIDAY 9 SEPT	Q
9.30-10.30 Registration		9.00-10.45 Administration offices open		9.15-11.15 Alumni		9.00-12.20 Mini-symposium U/ Select		9.15-11.00 Academic writing	
10.30-11.45 Introduction to the Graduate School of Life Sciences	ı	11.00-12.00 Scientific integrity	ı					11.00-11.30 Keynote lecture 2	
Lunch*		Break		Lunch with alumni*		Break		Lunch with student committees*	
12.30-14.00 Introduction to the Graduate School of Life Sciences	ı	13.00-15.15 Scientific integrity		13.15-14.15 Going abroad 14.30-14.45		13.00-14.10 Keynote lecture 1		13.00-18.00 City game	
14.15-17.00 Get-together with own Master's programme		15.30-17.00 Buddy programme		Directing your profile		14.30-16.30 Valorisation & industry workshops		18.00-Late Drinks, Dinner, Party	

Navigation Towards Personal Excellence

Goal: Make the most of your master in the multidisplinary field of Life Sciences

Series of workshops

- I Study Crafting (year 1)
- II Envisioning your future (year 1)
- III Off you go! (year 2)





I. Study Crafting

Time	Content	Tool
1. Intro 5'	Introduction on objectives and programme of the day and the rest of the two years	
2. Start up 30 '	Questions to be answered with Socrative:	Start Up Questions Socrative App
3. Quality assessment	1 students fill in the quality list individually ('3)	Assignment 1 on paper
30'	2 In pairs students discuss their answers ('10) 3 Students put a red dot next to the most important objective and a green one on the least important objective	One flip-over with the learning objectives Coloured markers
BREAK 10'		
4. Study crafting 30'	In table groups of 6 students discus show to craft their study to match their developmental plans.	Assignment 2 Study guide
5. Interest assessment 30'	Students fill in the form individually (3')	Assignment 3
6. Evaluation	1 What did you learn in this meeting?	
15'	2 How could we improve this meeting?	

I. Study Crafting

Socrative by Mastery Connect	Apps	Resources	About	Help	STUDENT LOGIN	TEACHER LOGIN
	Download our	Our A	•	y browser!		
TE	EACHE	ER.	STU	JDEN	NT	
	Download on the App Store available in the chrome web store ANDROID AFF ON Google play	ore		Download on the App Store available in the chrome web store ANDRIGID AFF ON Google* plane	tore	



I. Study Crafting

Appendix 1

Assignment 1 Your qualities and the ones to develop

ualities					Already possess	
	1	elop 2	3	4	5	
1. Insight in at least one specialised subject of Life Sciences	ō	ō	0	0	0	
2. Insight in recent developments and their implications	0	0	0	0	0	
3. Adequately use and interpret specialist literature	0	0	0	0	0	
4. Translating a Life Sciences problem into a relevant research question	0	0	0	0	0	
5. Designing a suitable research plan	0	0	0	0	0	
 Testing of the research questions, according to methodological and scientific standards Testing of the research questions, according to methodological and scientific standards 	0	0	0	0	0	
8. Independently performing research, with the required accuracy	0	0	0	0	0	
9. Handle, analyse, interpret and evaluate the empirically derived data	0	0	0	0	0	
10. Discuss outcomes of empirical research and linking them with scientific theories	0	0	0	0	0	
11. Critically reflecting on your own research work in Life Sciences, from a social perspective	0	0	0	0	0	
12. Comprehensibly reporting research results verbally and in writing	0	0	0	0	С	
13. Function effectively in a multidisciplinary research team	0	0	0	0	С	
14. Reflect on your own development and study career	0	0	0	0	С	
15.Motivate and adjust yourselves	0	0	0	0	С	
16.Function independently and result oriented in a competitive labour market	0	0	0	0	С	
17.Being eligible for a PhD position or a position in other sector	0	0	0	0	0	



I. Study Crafting





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II Envisioning your future

Appendix 1

Assignment 1 Your qualities and the ones to develop

ualities				1	eady sess
	1	2	3	4	5
Insight in at least one specialised subject of Life Sciences	0	0	0	0	0
2. Insight in recent developments and their implications	0	0	0	0	0
3. Adequately use and interpret specialist literature	0	0	0	0	0
4. Translating a Life Sciences problem into a relevant research question	0	0	0	0	0
5. Designing a suitable research plan	0	0	0	0	0
 Testing of the research questions, according to methodological and scientific standards 7. 	0	0	0	0	0
8. Independently performing research, with the required accuracy	0	0	0	0	С
9. Handle, analyse, interpret and evaluate the empirically derived data	0	0	0	0	С
10. Discuss outcomes of empirical research and linking them with scientific theories	0	0	0	0	0
11. Critically reflecting on your own research work in Life Sciences, from a social perspective	0	0	0	0	0
12. Comprehensibly reporting research results verbally and in writing	0	0	0	0	С
13. Function effectively in a multidisciplinary research team	0	0	0	0	0
14. Reflect on your own development and study career	0	0	0	0	0
15.Motivate and adjust yourselves	0	0	0	0	0
16.Function independently and result oriented in a competitive labour market	0	0	0	0	0
17.Being eligible for a PhD position or a position in other sector	0	0	0	0	0



II Envisioning your future

Program (2,5- 3 hours):

Time	Content	Equipment				
1 Intro `5	Intro on: 1 Objectives and program 2 Place of the meeting in the 'Navigating' series 3 The guest speaker(s)	Big room (s), 2 'round table'-settings M&M's Frisdrank?				
2 Warming up '30	1 Students fill in the 'Qualities' form they already filled in the 1 st meeting. 2 Short plenary inventory of the progress students made with Socrative: How much progress did you make? (a. none, b. a bit, c. much)	Students' own quality forms and some extra copies for those who forgot (see appendix 1) Socrative				
3 Learning climate at internship `10	Check whether the learning climate at their internship is open and helpful enough.	5 Socrative questions, (see appendix 2)				
4 Alumni presentations '20	Two 10- minute speeches of alumni focused on why the made the choice for their internship (abroad or in the Netherlands).					
5 Round table discussions '45	Students choose for one of the 2 'round tables' where they can ask alumni for practical suggestions on how to organize the internship that you want.	±8 studenten per alumnus. Studenten rouleren langs de tafels.				
6 Short Plenary discussion '10	-What questions remain -What is the most important insight -Refer to the practical suggestions for going abroad by the International Office	Print out of suggestions of International Office				
7 Assignment Study crafting 2 `20	Plenary instruction Students fill in the questions individually ('5) And discuss with their neighbors Short plenary discussion: What did you learn, What plans did you make?	Assignment on paper (see appendix 3)				
8 Evaluation `5	- Students fill in on yellow pads: 1. What did you learn in this meeting? 2. How could we improve this meeting? -Students paste their yellow pads on two flipover sheets when leaving the room.	Yellow pads Flipover with question 1 on top and Flipover with question 2 on top (camera to take a picture of the results)				



Navigation Towards Personal Excellence

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- III Off you go! (year 2)



III Off you go

Webinar by program coordinator + expert career services Students have to watch video clips in preparation Students search jobs and write applications







Off you go! Video clips on expectations of students and future employers



The two modules trigger the following questions for the students

- 1. Who am I?
- 2. What are my capacities?
- 3. What are my ambitions?
- 4. How do I achieve my ambitions?

These questions help students to create their individual roadmap for an interdisciplinary Life Science career







From left to right: Mieke Lumens, Karin Scager, Shirrinka Goubitz, Geert Ramakers, Gönül Dilaver

