

1st year

1 st period	2 nd period	3 rd period	4 th period
General Mandatory Courses 15 EC	Specialisation Courses & Electives 15 EC	Specialisation Courses & Electives 15 EC	General Mandatory Courses 15 EC

2nd year

1 st period	2 nd period	3 rd period	4 th period
	LM3901 Master Thesis Project (MEP) 45 EC		LM3803 Company Internship* 15 EC

*LM3803 may be replaced with TUD4040 Joint Interdisciplinary Project or, in exceptional cases, LM3804 Non-industrial Internship Project

Examples first year curriculum per specialisation

Biocatalysis

1 st period	2 nd period	3 rd period	4 th period
LM3451 Bioprocess Integration 5 EC	LM3731 Advanced Biocatalysis 3,5 EC	LM3731 Advanced Biocatalysis 2,5 EC	LM3822 Design Project 12 EC
LM3341 Microbial Omics 5 EC	LM3701 Advanced Enzymology 3,5 EC	LM3701 Advanced Enzymology 2,5 EC	
LM3331 Modelling and Computation 5 EC	Electives ~ 8 EC	LM3434 Advanced Protein Chemistry & Analysis - 6 EC Electives ~ 4 EC	LM3561 Ethical, Legal & Social Issues in Biotechnology 3 EC

Biochemical Engineering

1 st period	2 nd period	3 rd period	4 th period
LM3451 Bioprocess Integration 5 EC	LM3741 Fermentation Technology & Environmental Biotechnology - 4 EC	LM3741 Fermentation Technology & Environmental Biotechnology - 2 EC	LM3822 Design Project 12 EC
LM3341 Microbial Omics 5 EC	LM3432 Analysis of Metabolic Networks* - 6 EC	LM3611 Microbial Community Engineering* - 6 EC	
LM3331 Modelling and Computation 5 EC	Electives ~ 5-11 EC	LM3751 Transport and Separation 6 EC Electives ~ 1-7 EC	LM3561 Ethical, Legal & Social Issues in Biotechnology 3 EC

*Students can choose between LM3432 and LM3611

Cell Factory

1 st period	2 nd period	3 rd period	4 th period
LM3451 Bioprocess Integration 5 EC	LM3432 Analysis of Metabolic Networks - 6 EC		LM3822 Design Project 12 EC
LM3341 Microbial Omics 5 EC	LM3442 Metabolic Reprogramming 2,5 EC	LM3442 Metabolic Reprogramming 3,5 EC	
LM3331 Modelling and Computation 5 EC	LM3601 Molecular Biotechnology & Genomics - 2,5 EC Electives ~ 4 EC	LM3601 Molecular Biotechnology & Genomics - 3,5 EC Electives ~ 8 EC	LM3561 Ethical, Legal & Social Issues in Biotechnology 3 EC

Electives

1 st period	2 nd period	3 rd period	4 th period
	LM3771 Protein Engineering 3 EC	LM3581NB Metabolic Systems Biology - 3 EC	LM3311 Green Chemistry and Sustainable Technology - 3 EC
LM3692 iGEM* 15 EC	TPM041a Diversity and inclusion in Science, Tech., Eng. & Math. - 3 EC	LM3692 iGEM* 15 EC	LM3692 iGEM* 15 EC

*Not a regular elective, selection procedure applies. May be done instead of Design LM3822. Starts in period 3 and continues onto period 1 of the next academic year. Total EC is 15.

Legend

General Mandatory courses

Projects

Specialisation courses

Elective(s)*

*A list of preferred electives for each specialisation and the corresponding procedures for choosing electives are published on Brightspace.

General information

📧 www.lst.msc.tudelft.nl

Digital study guide

For programme details, courses and course details.

📧 studyguide.tudelft.nl

Timetables

Timetables for courses and for the programme.

📧 mytimetable.tudelft.nl

Brightspace

Brightspace is TU Delft's digital learning and communication environment for students and staff. Each course has its own Brightspace course. All information for LST students is made available through the Brightspace organization 'Master Life Science & Technology'.

📧 brightspace.tudelft.nl

Faculty student portal

📧 <https://www.tudelft.nl/studenten/faculteiten/tnw-studentenportal>

Register for examinations

Written examinations require registration! You have to register using Osiris. There are strict deadlines.

📧 my.tudelft.nl

Grades, results, progress

Your exam results are in Osiris as well. If there are any errors, contact the administration:

✉️ spa-tnw@tudelft.nl

📧 my.tudelft.nl

Transcripts and statements

The contact centre can provide transcripts and other statements, as well as information about studying in Delft in general.

✉️ contactcentre-esa@tudelft.nl

📧 tudelft.nl/en/student/administration/contact-centre

Regulations

The regulations inform you about your rights and obligations.

📧 tnw.tudelft.nl/regulations

Service desk

For questions or complaints concerning the building, furniture, ICT, coffee machines, certified transcripts and the like. Also for statements regarding theft.

✉️ servicepunt-tnw@tudelft.nl

Free software for students

📧 software.tudelft.nl

E-service

For questions regarding (reactivation of) NetID.

📧 e-service.tudelft.nl

Career & Counselling Services

Student counsellors and coaches. Workshops and trainings for students, and career support.

📧 <https://www.tudelft.nl/en/student/counselling>

Thesis office

Information on projects and procedures on:

✉️ thesisoffice-tnw@tudelft.nl

📧 Brightspace > search for 'Thesis Office'

Internship office

Information on projects and procedures on:

✉️ internshipoffice-tnw@tudelft.nl

📧 Brightspace > search for 'Internship Office'

Study association LIFE

Student body organising academic, social, and career activities.

📧 svlife.nl

Board of Examiners

The Board of Examiners is responsible for the assessment quality and the degree audits. You can also submit exception requests to the Board of Examiners.

✉️ boardofexaminers-lst-as@tudelft.nl

Board of Studies

The Board of Studies is an advisory body representing students and teachers, and plays an important role in the quality of the programme.

Programme team

Faculty of Applied Sciences, Van der Maasweg 9

Programme director

Prof.dr. Ulf Hanefeld has final responsibility for the MSc-programme Life Science & Technology.

✉️ u.hanefeld@tudelft.nl

📍 Building 58, room C2.210

Programme coordinator

Andrea Witkam supervises the daily routine of the programme. You may ask advice if you have a problem with the organization and logistics of the programme.

✉️ info-lst@tudelft.nl

📍 Building 58, room B0.120

Academic counsellor

Ellen Winkler will advise you on all kinds of study-related matters, including personal problems.

✉️ ellen.winkler@tudelft.nl

📍 Building 58, room B0.120

Specialisation coordinators

Contact your specialisation coordinator to discuss and approve your electives, master end project, and internship.

Biocatalysis

Prof. dr. Frank Hollmann

To make an appointment, please e-mail to Frank Hollmann with 'appointment' in subject header.

✉️ f.hollmann@tudelft.nl

📍 Building 58, room C2.130

Biochemical Engineering

Dr. Robbert Kleerebezem

To make an appointment, please e-mail to Robbert Kleerebezem with 'appointment' in subject header.

✉️ r.kleerebezem@tudelft.nl

📍 Building 58, room B2.330

Cell Factory

Prof. dr. Pascale Daran-Lapujade

✉️ p.a.s.daran-lapujade@tudelft.nl

📍 Building 58, room B0.350

To make an appointment, please e-mail to:

✉️ m.c.vanderburg@tudelft.nl