

TU Delft - English BSc courses available for incoming US exchange students
Applied Sciences

Most recent information on courses and academic calendar can be found on
www.studyguide.tudelft.nl

Applied Physics (BSc and MSc courses that are do-able by 3rd year bachelor students)

Code	Name	Cat.	EC	octaal
TN1651	Introduction to Biophysics	B	3	4
TN2305	Quantum Mechanics for the minor	B	4	2
TN2625	Statistical Physics for the minor	B	4	3
TN2612	Theory of Relativity	B	3	1
TN2402	Literature Research in groups	B	4	3
SET3021	Transport Phenomena	M*	4	*"light version" of 2nd yr BSc AP course
AP3261D	Mesoscopic Physics	M	6	
AP3303	Applications of Quantum Mechanics	M	3	
AP3311D	Neutrons, X-Rays and Positrons for Studying Microscopic Structures and Dynamics	M	6	
AP3392	Geometrical Optics	M	6	
AP3511D	Biophysics	M	6	
AP3582	Medical Physics of Photon and Proton Therapy	M	6	
CH3792	Introduction to Nuclear Science and Engineering	M	6	
AP3991	Research Project	B&M	12-30	

Minor "Physics for Non-Physics Students"

Code	Name	Cat.	EC
TN2305	Quantum Mechanics for the minor	B	4
TN2625	Statistical Physics for the minor	B	4
TN2893	Introduction to Methods in Physics and Mathematics	B	4
TN2993	Experimental and Integrating Final Project	B	5
TN2612	Theory of Relativity	B	3
TN2402	Literature Research in groups	B	4
NB2011	Thermodynamics and Transport	B	3
TN1651	Introduction to Biophysics	B	3

Chemical Engineering (BSc and MSc courses that are do-able by 3rd year bachelor students)

Code	Name	Cat.	EC
CH3131	Applied Numerical Mathematics	M	6
CH3792	Introduction to Nuclear Science and Engineering	M	6
CH3562	Nanoparticle Technology	M	3
CH3141	Molecular Thermodynamics	M	6
CH3073	Separation Processes, Design and Operation	M	3
CH3632	Chemistry of Solar Cells	B&M	6
CH3043	Process Dynamics & Control	M	3
CH3861	Hydro Carbon Processing	M	3 (offered in odd years only)
CH3082	Chemical Technology	M	3 (offered in even years only)
SET3021	Transport Phenomena	M*	4 **"light version" of 2nd year BSc MST course
CH3782	Chemistry of the Nuclear Fuel Cycle	M	3
CH3771	Nuclear Chemistry	B&M	6
CH3622	Process Intensification	M	3
CH3982	Literature Study	B&M	3-6
CH3991	Research Project	B&M	15-30

Molecular Science & Technology

Code	Name	Cat.	EC
4052CHREI	Chemical Reactor Engineering	B	6 (2nd year of bachelors)

Life Science & Technology

Code	Name	Cat.	EC
LB2201	Bio-Based Materials in a Circular Economy	B	4
LB2951	Cell Signaling and Biophysics	B	8 at Leiden University
LB2961	Biocatalysis	B	5
LB2971	Inorganic Chemistry in Life	B	5 at Leiden University
LB2941	Quantitative Imaging in Life Sciences	B	5 at Leiden University

NanoBiology

Code	Name	Cat.	EC	Starting period Octal	Maximum number of exchange students	Location
Propedeuse						
NB1022	Genetics	Bsc	4	1	10	Erasmus MC
NB1012	Biomolecular Dynamics-1	Bsc	3	4	10	Erasmus MC
NB1016	Biomolecular Dynamics-2	Bsc	3	5	10	Erasmus MC
NB1071	Physical Biology of the Cell part 1	Bsc	3	7	5	Erasmus MC

Applied Sciences

NB1131	Biophysics	Bsc	3	6	5	TU Delft
NB1140	Physics 1a	BSc	4	3	5	TU Delft
NB1143	Physics1b	BSc	3	5	5	TU Delft
NB1102	Chemistry-1	BSc	3	2	5	Erasmus MC
NB1110	Chemistry-2	BSc	3	2	5	Erasmus MC
WI1415NB	Analysis-1	BSc	5	1	5	TU Delft
WI1423NB	Analysis-2	BSc	5	3	5	TU Delft
WI1416NB	Analysis-3	BSc	3	7	5	TU Delft