

**Credit allotment is subject to the discretion of the department study abroad advisor. These equivalences have been used for previous students abroad and may be used as a guide in course selection and aid in establishing course equivalencies. These equivalencies do not grant an automatic pre-approval to future students. You must get each of your courses approved by the appropriate advisor.**

**You are not limited to the courses listed below. A complete list of classes available can be found at: [http://www.lr.tudelft.nl/fileadmin/Faculteit/LR/Zakelijk/Exchange/docs/TU\\_Delft\\_courses\\_in\\_English\\_2016-2017.pdf](http://www.lr.tudelft.nl/fileadmin/Faculteit/LR/Zakelijk/Exchange/docs/TU_Delft_courses_in_English_2016-2017.pdf)**

TU Delft			University of Kansas			
Course Number	Course Title	ECTS Credit	Course Number	Course Title	Credit Hours	Date Approved
<b>Dutch</b>						
WM1115TU	Dutch Elementary 1	4	DTCH 104	Elementary Dutch I	5	5/21/2015
<b>Engineering</b>						
AE1222-I	Aerospace Design and Construction AND	5	AE 510	Aerospace Materials and Processes	4	7/17/2014
AE1222-II	Aerospace Design and Systems Engineering Elements	4				
AE2200	Test, Analysis and Validation	5	AE 430	Aerospace Instrumentation Laboratory	3	10/24/2013
AE2220-I	Applied Numerical Analysis AND	3	MATH 581	Numerical Methods	3	9/8/2014
AE2220-II	Computational Modeling	3				
AE2223-I	Test, Analysis and Simulation	5	AE 430	Aerospace Instrumentation Laboratory	3	9/5/2014
AE2223-I	Test, Analysis and Simulation AND	5	AE 430 OR	Aerospace Instrumentation Laboratory	3	10/4/2013
AE2223-II	Experimental Research and Data Analysis	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	3	9/5/2014
AE2223-II	Experimental Research and Data Analysis AND	3	AE 430 AND	Aerospace Instrumentation Laboratory	3	8/28/2015
AE2235-II	Instrumentation and Signals AND	3	AE 592	Special Projects in Aerospace Engineering for Undergraduate Students	2	8/28/2015
AE4115	Experimental Simulations	3				
AE2230	Flight and Orbital Mechanics and Propulsion	8	AE 360	Introduction to Astronautics	3	7/17/2014
AE2235-II	Instrumentation and Signals	3	AE 290	Aerospace Colloquium	1.5	8/3/2014
AE3200	Design Synthesis	15	AE 522	Aerospace Systems Design II	4	10/13/2011
AE3201	Systems Engineering and Aerospace Design	3	AND			
			AE 523	Space Systems Design	4	10/13/2011
			AND			
AE4AS M502	Holistic Structural Integrity Process	3	AE 524	Propulsion Systems Design I	4	10/13/2011
			AE 790	Special Problems in Aerospace Engineering for Masters Students	1-2	9/29/2015
AE4AS M506	Aeroelasticity	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	1-2	8/28/2015
AE4AS M509	Design and Manufacturing of Wind Turbine Blades	3	AE 722	Aircraft Design Laboratory II	4	5/20/2015
AE4AS M512	Aerospace Structures & Materials Industry Best Practice	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	1-2	9/29/2015
AE4AS M513	Forensic Engineering	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	1-2	9/29/2015
AE4AS M514TU	Continuum Mechanics	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	1-2	9/22/2015
AE4AS M516	Materials Selection in Mechanical Design	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	1-2	9/29/2015
AE4S06	Spacecraft Mechatronics AND	4	AE 592	Special Projects in Aerospace Engineering for Undergraduate Students	3	10/13/2011
AE4S06P	Spacecraft Mechatronics Exercise	1				
AE4S10	Microsat Engineering	4	AE 523	Space Systems Design	4	9/12/2014
		OR	AE 360	Introduction to Astronautics	3	7/14/2014
AE4S10	Microsat Engineering AND	4	AE 523	Space Systems Design	4	8/2/2012
AES06	Spacecraft Mechatronics	4				
AE4W09	Wind Turbine Design AND	5	AE 592	Special Projects in Aerospace Engineering for Undergraduate Students	3	10/13/2011
AE4W11	Exercise Wind Turbine Design	1				
AE4W12	Rotor Aerodynamics	3	AE 748	Helicopter Aerodynamics	3	10/13/2011
AE4X09	Sensor and Smart Materials	3	AE 781	Introduction to Adaptive Aerostructures	3	10/29/2012
AE4X10	Self Healing Materials	3	AE 592	Special Projects in Aerospace Engineering for Undergraduate Students	2	10/13/2011
‡AE4117	Fluid-Structure Interaction	4	AE 790	Special Problems in Aerospace Engineering for Masters Students	3	4/15/2016

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AE4130	Aircraft Aerodynamics	3 OR	AE 840 AE 790	Aerodynamics of Viscous Fluids Special Problems in Aerospace Engineering for Masters Students	3 1-2	10/4/2012 8/28/2015
AE4135	Rotor/wake Aerodynamics	4	AE 790	Special Problems in Aerospace Engineering for Masters Students	2	8/25/2015
AE4180	Flow Measurement Techniques	3 OR	AE 730 AE 430	Advanced Experimental Fluid Dynamics Aerospace Instrumentation Laboratory	3 3	10/4/2012 10/29/2012
AE4233	Advanced Design Methods (MDO, KBE)	6	AE 522	Aerospace Systems Design II	4	9/5/2014
AE4303	Advanced Flight Control	4	AE 751	Advanced Airplane Dynamics	2	8/2/2012
AE4307	Flight and Space Simulation	4	AE 790	Special Problems in Aerospace Engineering for Masters Students	2	8/25/2015
‡AE4311	Advanced Flight Control	4	AE 752	Linear Multivariable Control	3	4/15/2016
AE4312	System Identification of Aerospace Vehicles	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	2	10/4/2013
AE4313	Spacecraft Attitude Dynamics and Control	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	2	10/4/2013
AE4313	Spacecraft Attitude Dynamics and Control AND	3	AE 766	Spacecraft Attitude Dynamics and Control	3	9/22/2015
AE4313P	Spacecraft Attitude Dynamics and Control Exercise	1				
AE4315	Advanced Dynamics	3	AE 751	Advanced Airplane Dynamics	2	9/22/2015
AE4316	Aerospace Human-Machine Systems	4	AE 790	Special Problems in Aerospace Engineering for Masters Students	2	8/25/2015
AE4360-3	Human-Machine Systems in Aerospace	3	AE 592	Special Projects in Aerospace Engineering for Undergraduate Students	2	8/2/2012
AE4409	Sensor and Smart Materials	3	AE 781	Introduction to Adaptive Aerostructures	3	10/13/2011
AE4421-II	Aircraft Noise and Emissions	4	AE 790	Special Problems in Aerospace Engineering for Masters Students	3	7/30/2012
AE4446	Airport Operations	4	AE 790	Special Problems in Aerospace Engineering for Masters Students	2	9/29/2015
AE4447	Aircraft Performance Optimization	3 OR	AE 722 AE 790	Aircraft Design Laboratory II Special Problems in Aerospace Engineering for Masters Students	3 3	10/4/2012 9/5/2014
AE4454	Life Cycle Analysis and Production	6	AE 790	Special Problems in Aerospace Engineering for Masters Students	3	9/29/2015
AE4467	Numerical Methods for Aircraft Performance Analysis	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	2	9/22/2015
AE4468	Airline Maintenance Operations	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	1-2	9/29/2015
AE4632	Composites: Materials, Structures and Production Processes	3	AE 709	Structural Composites	3	10/29/2012
‡AE4874-II	Astro dynamics II	4	AE 768	Orbit Determination	3	4/15/2016
AE4876-II	Planetary Sciences II	4	GEOL 572	Geophysics	3	10/19/2011
AE4878	Mission Geometry and Orbit Design	4	AE 211	Computing for Engineers	3	10/13/2011
AE4880	Space Instrumentation	4	AE 790	Special Problems in Aerospace Engineering for Masters Students	2	9/22/2015
AE4890-II	Planetary Sciences	4	AE 790	Special Problems in Aerospace Engineering for Masters Students	3	7/30/2012
SC4081-10	Knowledge Based Control Systems	4	AE 790	Special Problems in Aerospace Engineering for Masters Students	3	8/2/2012
WB4421	Gas Turbine Simulation/Application	3	AE 790	Special Problems in Aerospace Engineering for Masters Students	3	10/29/2012
<b>Geology</b>						
AE4876-II	Planetary Sciences II	4	GEOL 572	Geophysics	3	10/19/2011
<b>Mathematics</b>						
AE2220-I	Applied Numerical Analysis AND	3	MATH 581	Numerical Methods	3	9/8/2014
AE2220-II	Computational Modeling	3				
WI1402LR	Calculus II	5	MATH 296	Special Topics: Multivariable Calculus	3 or 4	8/1/2013
WI1403LR	Linear Algebra	5 AND	MATH 290 MATH 296	Elementary Linear Algebra Special Topics: Linear Algebra	2 1 or 2	8/1/2013
WI2180LR-II	Probability and Statistics	4	MATH 526	Applied Mathematical Statistics I	3	9/10/2014
<b>Physics</b>						
AE1240 II	Physics II	3	PHSX 212	General Physics II	2	7/30/2013