

Especialidad	Curso	Código	Asignatura	ECTS
VA	1	14500107	Abstracciones Aeroespaciales	3
VA	3	14500108	Diseño Gráfico	3
VA	1	14500109	Diseño Mecánico	4,5
VA	3	14500110	Estructuras Aeroespaciales	4,5
VA	3	14500101	Fabricación Aeroespacial	3
VA	1	14500104	Mecánica de Fluidos I	3
VA	3	14500101	Mecánica de Sólidos	3
VA	3	14500103	Vibraciones	3
VA	1	14500103	Aerodinámica	4,5
VA	3	14500101	Aerodinámica y Aerofuerza	3
VA	3	14500104	Motores Alternativos Aeroespaciales	3
VA	3	14500105	Motores Cohete	3
VA	1	14500106	Materiales Compuestos	3
VA	3	14500102	Mecánica del Vuelo	6
VA	3	14500107	Sistemas de Producción Aeroespacial	3
VA	4	14500102	Motores de Alta Potencia	6
VA	4	14500103	Motores de Alta Rotación	3
VA	4	14500101	Explotación de Recursos y Proyectos	4,5
VA	4	14500107	Mantenimiento Operativo de Vehículos Aeroespaciales	4,5
VA	4	14500106	Métodos de Elementos Finitos y Dinámica de Fluidos Computacional	4,5
VA	4	14500104	Móviles	3
VA	4	14500105	Vehículos Espaciales	3

Especialidad	Curso	Código	Asignatura	ECTS
PA	3	14500208	Abstracciones Aeroespaciales	3
PA	3	14500207	Diseño Gráfico	3
PA	3	14500202	Estructuras Aeroespaciales	4,5
PA	3	14500204	Mecánica de Fluidos II	6
PA	3	14500201	Mecánica de Sólidos	3
PA	3	14500205	Termodinámica Aplicada	3,75
PA	3	14500206	Transporte de Calor y Masa	3,75
PA	3	14500203	Vibraciones	3
PA	3	14500201	Aerodinámica, Aerostática y Mecánica del Vuelo	6
PA	3	14500203	Aerodinámica	6
PA	3	14500201	Fabricación Aeroespacial	3
PA	3	14500202	Motores Alternativos Aeroespaciales	4,5
PA	3	14500204	Método de Elementos Finitos y Dinámica de Fluidos Computacional	4,5
PA	3	14500205	Materiales Estructurales para Sistemas Propulsivos	4,5
PA	4	14500704	Combustibles y Lubricantes	2
PA	4	14500703	Diseño Mecánico	3
PA	4	14500701	Gestión de Empresas y Proyectos	4,5
PA	4	14500701	Motores Cohete	4,5
PA	4	14500703	Mantenimiento y Certificación de Motores	7,5
PA	4	14500703	Sistemas de Motor	3
PA	4	14500706	Sistemas de Producción Aeroespacial	3

Especialidad	Cursos	Códigos	Asignaturas	ECTS
NSA	3	14500307	Aerodinámica	3
NSA	3	14500305	Comunicaciones y Redes	4,5
NSA	3	14500302	Instalaciones Eléctricas	4,5
NSA	1	14500306	Introducción a la Navegación Aérea	3
NSA	3	14500301	Meteorología	3
NSA	3	14500304	Sistemas de Radiofrecuencia	4,5
NSA	3	14500303	Tratamiento Digital de la Información	4,5
NSA	3	14500301	Aerodinámica y Mecánica del Vuelo	6
NSA	3	14500003	Fabricación Aeroespacial	3
NSA	3	14500302	Geodesia y Cartografía	4,5
NSA	3	14500304	Procesamiento, Siguas y Control	4,5
NSA	3	14500303	Sistemas de Control Automático	4,5
NSA	3	14500308	Sistemas de Comunicaciones y Vigilancia	4,5
NSA	4	14500306	Sistemas de Navegación Aérea	4,5
NSA	4	14500783	Aviónica	4,5
NSA	4	14500701	Gestión de Empresas y Proyectos	4,5
NSA	4	14500704	Gestión del Tránsito Aéreo	3
NSA	4	14500706	Ingeniería de Operación y Gestión de Aeropuertos	4,5
NSA	4	14500705	Ingeniería de Sistemas Aeroespaciales	3
NSA	4	14500301	Ingeniería del Transporte Aéreo	6
NSA	4	14500787	Propulsión de Aviones	3

Especialidad	Cursos	Códigos	Asignaturas	ECTS
ATA	3	14500408	Aerodinámica	3
ATA	3	14500404	Estructuras	3
ATA	3	14500406	Geodesia	3
ATA	3	14500403	Geodesia y Topografía	4,5
ATA	3	14500402	Instalaciones Eléctricas	4,5
ATA	3	14500407	Introducción a la Navegación Aérea	3
ATA	3	14500405	Materiales de Construcción	3
ATA	3	14500401	Aerodinámica y Mecánica del Vuelo	6
ATA	3	14500405	Construcción	6
ATA	3	14500402	Física de Instalaciones, Urbanización y Accesos	6
ATA	3	14500403	Estructuras de Acero	4,5
ATA	3	14500404	Estructuras de Hormigón	4,5
ATA	3	14500001	Fabricación Aeroespacial	3
ATA	4	14500746	Control y Gestión del Tránsito Aéreo	3
ATA	4	14500701	Gestión de Empresas y Proyectos	4,5
ATA	4	14500703	Instalaciones de Aeropuertos	4,5
ATA	4	14500401	Ingeniería del Transporte Aéreo	6
ATA	4	14500744	Legislación y Gestión Aeroportuarias	3
ATA	4	14500745	Operación y Mantenimiento Aeroportuarios	6
ATA	4	14500747	Propulsión de Aviones	3

Especialidad	Cursos	Códigos	Asignaturas	ECTS
CIA	3	14500507	Abstracciones Aeroespaciales	3
CIA	3	14500505	Aplicación de Matemáticas	6
CIA	3	14500504	Diseño Gráfico	3
CIA	3	14500503	Mecánica Analítica	3
CIA	3	14500502	Mecánica de Fluidos II	6
CIA	3	14500501	Mecánica de Sólidos	3
CIA	3	14500504	Aerodinámica	4,5
CIA	3	14500508	Abstracciones Aeroespaciales II	3
CIA	3	14500504	Cálculo Numérico	3
CIA	3	14500504	Control y Optimización	3
CIA	3	14500001	Fabricación Aeroespacial	3
CIA	3	14500505	Mecánica Digital	3
CIA	3	14500507	Materiales Compuestos	3
CIA	3	14500503	Vibraciones	3
CIA	4	14500706	Aerodinámica	6
CIA	4	14500703	Aerodinámica	6
CIA	4	14500702	Dinámica de Fluidos Computacional	4,5
CIA	4	14500701	Gestión de Empresas y Proyectos	4,5
CIA	4	14500704	Motores Alternativos Aeroespaciales	3
CIA	4	14500705	Motores Cohete	4,5
CIA	4	14500711	Métodos de Elementos Finitos	3
CIA	4	14500702	Mecánica del Vuelo	6
CIA	4	14500602	Vehículos Aeroespaciales	3

Especialidad	Cursos	Códigos	Asignaturas	ECTS	Info
Winter	44730	Lightweight Construction I	Master of Aerospace Engineering	3	DE
Winter	44280	Dimensional Analysis	Master of Aerospace Engineering	3	DE
Winter	61120	Design I	Aerospace Engineering	6	DE
Winter	61150	Materials and structures in lightweight design	Aerospace Engineering	6	DE
Winter	45390	Aerospace Materials and Manufacturing Processes	Master of Aerospace Engineering	3	DE / EN
Winter	12130	Fluid Mechanics I	Master of Aerospace Engineering	3	DE
Winter	76400	Applied Mechanics I	Aerospace Engineering	6	DE
Winter	71780	Structural Dynamics	Master of Aerospace Engineering	6	DE
Summer	43960	Aerospace Engines and Combustion	Master of Aerospace Engineering	3	DE
Winter	43970	Aerodynamics I	Master of Aerospace Engineering	3	DE
Winter	49600	Aerodynamics II	Master of Aerospace Engineering	3	DE
Summer	21450	Aeronautical Engineering and Aeronautical Propulsion	Aerospace Engineering	6	DE
Summer	44520	Basics of Combustion Problems	Master of Aerospace Engineering	3	DE
Summer	45400	Materials Engineering of Metallic Materials	Master of Aerospace Engineering	3	DE
Winter	72760	Flight Mechanics	Master of Aerospace Engineering	3	DE
WS	45430	Construction Materials and Methods for Aeronautical and Space	Master of Aerospace Engineering	6	DE
Winter	43970	Project Design I	Master of Aerospace Engineering	3	DE
Winter	44380	Introduction to Helicopter Technology	Master of Aerospace Engineering	3	DE
Winter	39840	Project Management and System Engineering	Master of Aerospace Engineering	3	DE
Winter	57380	Regulation	Master of Aerospace Engineering	3	DE
Winter	40030	Analytical and Numerical Methods in the LRT	Master of Aerospace Engineering	6	DE
Winter	47380	Space Technology I	Master of Aerospace Engineering	6	DE

Semestre	Código	Asignatura	Titulación	ECTS	Info
Winter	44730	Lightweight Construction I	Master of Aerospace Engineering	3	DE
Winter	44280	Dimensional Analysis	Master of Aerospace Engineering	3	DE
Winter	61150	Materials and structures in lightweight design	Aerospace Engineering	6	DE
Winter	12130	Fluid Mechanics I	Master of Aerospace Engineering	6	DE
Winter	76400	Applied Mechanics I	Aerospace Engineering	6	DE
Winter	45380	Thermodynamics of Mixtures	Master of Aerospace Engineering	3	DE
Winter	44900	Analytical Solution Methods for Heat and Mass Transfer Problems	Master of Aerospace Engineering	3	DE / EN
Winter	71780	Structural Dynamics	Master of Aerospace Engineering	6	DE
Winter	43970	Aerodynamics I	Master of Aerospace Engineering	3	DE
Winter	49600	Aerodynamics II	Master of Aerospace Engineering	3	DE
Winter	72760	Flight Mechanics	Master of Aerospace Engineering	3	DE
Summer	43960	Aerospace Engines and Combustion	Master of Aerospace Engineering	6	DE
Winter	45390	Aerospace Materials and Manufacturing Processes	Master of Aerospace Engineering	3	DE / EN
Summer	21450	Aeronautical Engineering and Aeronautical Propulsion	Aerospace Engineering	6	DE
Winter	40030	Analytical and Numerical Methods in the LRT	Master of Aerospace Engineering	6	DE
Winter	45430	Materials and Processes for Drives in the Air and Space Travel	Master of Aerospace Engineering	3	DE
Winter	68540	Rocket Propellants I	Master of Aerospace Engineering	3	DE
Winter	61120	Design I	Aerospace Engineering	6	DE
Winter	39840	Project Management and System Engineering	Master of Aerospace Engineering	3	DE
Summer	44520	Basics of Combustion Problems	Master of Aerospace Engineering	3	DE
Winter	72760	Flight Mechanics	Master of Aerospace Engineering	3	DE
Summer	44530	Basics of Combustion Problems in Aeronautics and Astronautics	Master of Aerospace Engineering	3	DE
WS	45430	Construction Materials and Methods for Aeronautical and Space	Master of Aerospace Engineering	6	DE

Semestre	Código	Asignatura	Titulación	ECTS	Info
Winter	41950	Design of Airport Infrastructure Facilities	Aerospace Engineering	3	DE
Winter	11680	Communication Networks I	Electrical Engineering and Information	6	DE
Winter	11580	Electrical Machines I	Electrical Engineering and Information	6	DE
Summer	15710	Traffic in Practice I	Aerospace Engineering	3	DE
Winter	38720	Meteorology	Aerospace Engineering	3	DE
Winter	11650	Radio Frequency Technology I	Electrical Engineering and Information	6	DE
Summer	43970	Aerodynamics I	Master of Aerospace Engineering	3	DE
Winter	72760	Flight Mechanics	Master of Aerospace Engineering	3	DE
Winter	45390	Aerospace Materials and Manufacturing Processes	Master of Aerospace Engineering	3	DE / EN
Winter	44700	Coordinate and Time Systems in Geodesy, Air and Space Travel	Master of Aerospace Engineering	3	DE
Summer	44450	Flight Control Systems	Master of Aerospace Engineering	6	DE
Winter	72400	Communications Engineering	Electrical Engineering and Information	3	DE
Winter	45120	Scientific Navigation	Master of Aerospace Engineering	3	DE
Winter	74320	Multi-Variable Control	Master of Aerospace Engineering	3	DE
Winter	39840	Project Management and System Engineering	Master of Aerospace Engineering	3	DE
Winter	44140	Autoflight and Air Traffic Management	Master of Aerospace Engineering	3	DE
Winter	44950	Optimal Control in Aerospace Technology	Master of Aerospace Engineering	3	DE
Winter	44680	Constructive Aspects of Aircraft Systems	Master of Aerospace Engineering	3	DE
Winter	47380	Space Technology I	Master of Aerospace Engineering	6	DE
Winter	41440	Project Seminar: Construction - Aviation Propulsion	Master of Aerospace Engineering	3	DE

Semestre	Código	Asignatura	Titulación	ECTS	Info
Winter	41950	Design of Airport Infrastructure Facilities	Aerospace Engineering	3	DE
Winter	10480	Building Physics and Structural Engineering	Civil Engineering	6	DE
WS	39810	Basic Principles of Geosciences	Aerospace Engineering	3	DE
Winter	44700	Coordinate and Time Systems in Geodesy, Air and Space Travel	Master of Aerospace Engineering	3	DE
Winter	11580	Electrical Machines I	Electrical Engineering and Information	6	DE
Summer	15710	Traffic in Practice I	Aerospace Engineering	3	DE
Summer	10920	Business Materials in Civil Engineering I	Civil Engineering	6	DE
Winter	38720	Meteorology	Aerospace Engineering	3	DE
Winter	43970	Aerodynamics I	Master of Aerospace Engineering	3	DE
Winter	72760	Flight Mechanics	Master of Aerospace Engineering	3	DE
Summer	10650	Construction and Design with Different Construction Materials	Civil Engineering	12	DE
Winter	10780	Design and Construction	Civil Engineering	6	DE
Summer	25270	Design of steel plated structures	Master of Civil Engineering	3	DE
Winter	20400	Concrete Technology	Master of Civil Engineering	6	DE
Winter	45390	Aerospace Materials and Manufacturing Processes	Master of Aerospace Engineering	3	DE / EN
Winter	44140	Autoflight and Air Traffic Management	Master of Aerospace Engineering	3	DE
Winter	39840	Project Management and System Engineering	Master of Aerospace Engineering	3	DE
Winter	41950	Design of Airport Infrastructure Facilities	Aerospace Engineering	3	DE
Winter	47380	Space Technology I	Master of Aerospace Engineering	6	DE
Winter	44950	Optimal Control in Aerospace Technology	Master of Aerospace Engineering	3	DE
Winter	41440	Project Seminar: Construction - Aviation Propulsion	Master of Aerospace Engineering	3	DE

Semestre	Código	Asignatura	Titulación	ECTS	Info
Winter	44730	Lightweight Construction I	Master of Aerospace Engineering	3	DE
Winter	17220	Advanced Mathematics III	Master of Aerospace Engineering	3	DE
Winter	44280	Dimensional Analysis	Master of Aerospace Engineering	3	DE
Winter	12130	Fluid Mechanics I	Master of Aerospace Engineering	6	DE
Winter	76400	Applied Mechanics I	Aerospace Engineering	6	DE
Winter	43970	Aerodynamics I	Master of Aerospace Engineering	3	DE
Summer	44880	Nonlinear Programming	Master of Aerospace Engineering	3	DE
Summer	44950	Optimization and Optimal Control	Master of Aerospace Engineering	6	DE / EN
Winter	45390	Aerospace Materials and Manufacturing Processes	Master of Aerospace Engineering	3	DE / EN
Winter	44120	Civil Mechanics for Spacecraft	Master of Aerospace Engineering	3	DE
Summer	45400	Materials Engineering of Metallic Materials	Master of Aerospace Engineering	3	DE
Winter	71780	Structural Dynamics	Master of Aerospace Engineering	6	DE
Winter	49600	Aerodynamics II	Master of Aerospace Engineering	3	DE
Summer	43960	Aerospace Engines and Combustion	Master of Aerospace Engineering	6	DE
Winter	40030	Analytical and Numerical Methods in the LRT	Master of Aerospace Engineering	6	DE
Winter	39840	Project Management and System Engineering	Master of Aerospace Engineering	3	DE
Summer	44520	Basics of Combustion Problems	Master of Aerospace Engineering	3	DE
Winter	40030	Analytical and Numerical Methods in the LRT	Master of Aerospace Engineering	6	DE
Winter	72760	Flight Mechanics	Master of Aerospace Engineering	3	DE
Winter	47380	Space Technology I	Master of Aerospace Engineering	6	DE

ENLACE 1 https://www.uni-stuttgart.de/studium/studienangebot_asses/luft-und-raumfahrttechnik/dokumente/Mkairstruktur_BSc_LRT_POD219_en.pdf
 ENLACE 2