

CURSOS DE VERANO 2011 EN UNIVERSIDADES ASOCIADAS

| Curso | Créditos Plan 99 | Prerrequisitos |
|---|---------------------|---|
| <u>Technische Universität München, Alemania</u> | | |
| Innovation, Technology and Society in Germany (6 ECTS) | 4.5 | |
| Finding Nano (~6 ECTS) | 4.5 | Undergraduates of science and engineering who have completed an introduction to quantum mechanics or quantum chemistry. |
| Engineering and Management across Cultures (6 ECTS) | 4.5 | |
| Pre-Study Course Language, Culture and Technology at TUM (7 ECTS) | 4.5 | |
| <u>Summer Programms 2011 at STYRIAN ACADEMY – Graz, Austria</u> | | |
| Sustainable Energies | 1,5 | The STYRIAN ACADEMY strives to attract highly motivated students with technical, economical and social science background at the master or PhD level. |
| <u>Zagreb School of Economics and Management (ZSEM), Croacia</u> | | |
| Business Communications | 4.5 | <i>NOTA: Los alumnos de TECNUN tienen un 50% de descuento en la cuota.</i> |
| International Management | 4.5 | |
| Investments | 4.5 | |
| International Finance | 4.5 | |
| Leadership | 4.5 | |
| International Relations | 4.5 | |
| Entrepreneurship | 4.5 | |
| E-Business | 4.5 | |
| International Marketing | 4.5 | |
| <u>Aalborg University, Dinamarca</u> | | |
| Multimedia Information and Signal Processing (5 ECTS) | 4.5 | Basic knowledge in probability theory, linear algebra and computer programming. |
| Mobile Phone Programming (5 ECTS) | 4.5 | Basic programming skills |
| Deployment of Wireless Comm. Infrastr. In Catastrophe Areas (5 ECTS) | 4.5 | Basic knowledge of network protocols, wireless signals and probability theory. |
| A Taste of Parallel Programming and Model-Checking (5 ECTS) | 4.5 | Good knowledge in any programming language and basics in C, i.e., basic syntax and pointers. Students must have some experience in programming. |
| Future Energy Systems (5 ECTS) | 4.5 | Basic knowledge about electrical circuit theory, thermodynamics and energy systems |
| Psychophysics: from stimulus to perception (5 ECTS) | 4.5 | Basic knowledge of statistics and perception |
| Noise Measurements and Hearing Assessment (5 ECTS) | 4.5 | Basic knowledge in programming |
| Dynamics civil engineering structures (5 ECTS) | 4.5 | Basic knowledge of structural engineering, linear algebra and mechanics. |

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| Space System Engineering (3 ECTS) | 3 | Basic knowledge in programming in an imperative language. Embedded system. Dynamic systems or Physics. Electronics. |
| Compressed Sensing (5 ECTS) | 4.5 | Basic linear algebra. Elementary signal processing. Basic computer programming. |
| Technical University of Denmark (DTU), Dinamarca | | |
| Chemical & Biochemical Engineering: July 1 st – July 30 st (8 ECTS) Chemical & Biochemical Engineering: July 11 th – July 30 st (5 ECTS) | 4.5 | Minimum 2 years bachelor studies in chemical engineering. Approved courses in basic chemistry (inorganic, organic, physical, analytical), process technology (process design, heat and mass balances, kinetics and reaction technology) and theoretical unit operations. Fluent oral and written English. Approval from home university is required. For course 28122 a list of proven courses is required. |
| Tele communication, July 25 th – August 12 th (5 ECTS) | 4.5 | The summer course is intended for students around the mid-point of a five-year course in electronics, telecommunication or computer-engineering. The principal selection criteria will be knowledge of telecommunication and knowledge of written and oral English. |
| Arctic Technology, August 1 st – August 19 th (5 ECTS) | 4.5 | One or more courses in the field the student wants to study in an Arctic context. Both students on BSc and MSc level may apply. |
| Sustainable Production and Consumption, June 20 th – July 8 th (5 ECTS) | 4.5 | Minimum 2 years bachelor studies in engineering. Approved courses in environmental studies. Fluent oral and written English. |
| Copenhagen University College of Engineering, Dinamarca | | |
| From Local to Global Business, July 4 th – July 22 nd (7.5 ECTS) | 4.5 | Basic skills in sales and marketing |
| Satellite Technology and Communication, July 4 th – July 22 nd (7.5 ECTS) | 4.5 | Ongoing higher education studies in Electronics, Information Technology, Computer Science or a similar field of study. |
| Innovation and Creativity (7.5 ECTS) | 4.5 | An insight into marketing and micro economics will be beneficial. Two years of university studies completed. |
| International Design & Development, July 25 th – August 19 th (10 ECTS) | 4.5 | Basic skills in 3D CAD (SolidWorks®, Pro/ENGINEER Wildfire 3.0). |
| International Engineering Project, July 25 th – August 19 th (10 ECTS) | 4.5 | Two years of ongoing higher education studies in Mechanical Engineering or similar field. |
| Health Care Technology (7.5 ECTS) | 4.5 | The participants must have completed a course in programming and first year mathematics. Each participant must bring a laptop computer to the course. |
| Engineering College of Aarhus, Dinamarca | | |
| CD DIP (Innovation Camp) (5 ECTS) | 4.5 | All students must have either a mechanical, electrical and software engineering background and have around 1 year left of their studies. |
| Wind Turbine Technology (5 ECTS) | 4.5 | Participants must have either a mechanical or power engineering background and must have approximately one year left of his/her engineering studies. |

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| District Energy (5 ECTS) | 4.5 | Participants must have either a mechanical or a civil engineering background and must have approximately one year left of engineering studies. |
| Power (5 ECTS) | 4.5 | Finish you engineering education within the next year |
| <u>Grenoble Institute of Techonology, France</u> | | |
| Summer School in nanotechnologies (6 ECTS) | 4.5 | This program is open to full time engineering students Undergraduate & Graduate (in Physics, Electrical, Material Science and Telecommunications). |
| <u>Universidad Panamericana, México</u> | | |
| International Summer School 2011 | 4.5 | <i>NOTA: Los alumnos de TECNUN tienen un 50% de descuento en la cuota.</i> |
| <u>Glyndwr University, Reino Unido</u> | | |
| Renewable Energy and Sustainable Technologies | 4.5 | |
| Sound Broadcast Engineering | 4.5 | |
| Business | 4.5 | |

En San Sebastián, 9 de mayo de 2011