

University	Country	Course name	Credits	Professor	Level	Link to Syllabus	Specific requirements for participation	Course beginning/end dates	Additional information
Universidade de Lisboa – IST	Portugal	Topics on Batteries	6	Fátima Montemor	Master	<a href="https://fenix.tecnico.ulisboa.pt/cursos/mege/disciplina-curricular/564478961778783">https://fenix.tecnico.ulisboa.pt/cursos/mege/disciplina-curricular/564478961778783</a>	not applicable	01/03/2021 - 04/06/2021	
Universidade de Lisboa – IST	Portugal	Energy Services	6	Carlos Silva	Master	<a href="https://fenix.tecnico.ulisboa.pt/cursos/mege/disciplina-curricular/283003985068156">https://fenix.tecnico.ulisboa.pt/cursos/mege/disciplina-curricular/283003985068156</a>	not applicable	01/03/2021 - 04/06/2021	
Universidade de Lisboa – IST	Portugal	Offshore Wind Energy	6	Ricardo Pereira	Master	<a href="https://fenix.tecnico.ulisboa.pt/cursos/mege/disciplina-curricular/1529008521747">https://fenix.tecnico.ulisboa.pt/cursos/mege/disciplina-curricular/1529008521747</a>	not applicable	01/03/2021 - 04/06/2021	
Universidade de Lisboa – IST	Portugal	Alternative Fuels	6	Francisco Lemos	Master	<a href="https://fenix.tecnico.ulisboa.pt/cursos/mege/disciplina-curricular/1529008514143">https://fenix.tecnico.ulisboa.pt/cursos/mege/disciplina-curricular/1529008514143</a>	not applicable	01/03/2021 - 04/06/2021	
KTH Royal Institute of Technology	Sweden	MJ2380: Introduction to Energy Systems Analysis and Applications ,	9	Prof. Viktoria Martin	Master	<a href="https://www.kth.se/student/kurser/kurs/MJ2380?l=en">https://www.kth.se/student/kurser/kurs/MJ2380?l=en</a>	Technical education with mathematics, finance or the equivalent. Course MJ2413, or equivalent is recommended, but not mandatory. See Additional information.	18/01/2021 - 19/03/2021	<a href="https://www.kth.se/student/kurser/kurs/MJ2413?l=en">https://www.kth.se/student/kurser/kurs/MJ2413?l=en</a>
KTH Royal Institute of Technology	Sweden	MJ2381: Introduction to Energy Systems Analysis and Applications - Minor Course	6	Prof. Viktoria Martin	Master	<a href="https://www.kth.se/student/kurser/kurs/MJ2381?l=en">https://www.kth.se/student/kurser/kurs/MJ2381?l=en</a>	Technical education with mathematics, finance or the equivalent. Course MJ2413, or equivalent is recommended, but not mandatory. See Additional information.	18/01/2021 - 19/03/2021	<a href="https://www.kth.se/student/kurser/kurs/MJ2413?l=en">https://www.kth.se/student/kurser/kurs/MJ2413?l=en</a>
KTH Royal Institute of Technology	Sweden	MJ2412: Advanced Renewable Energy Technology	6	Assist. Prof. Ning-Wei Chiu	Master	<a href="https://www.kth.se/student/kurser/kurs/MJ2412?l=en">https://www.kth.se/student/kurser/kurs/MJ2412?l=en</a>	Course MJ2411 Renewable Energy, 6 credits or the equivalent, see Additional information. (Basic knowledge of Solar, Bioenergy, Wind, Hydro and Energy storage).	18/01/2021 - 19/03/2021	<a href="https://www.kth.se/student/kurser/kurs/MJ2411?l=en">https://www.kth.se/student/kurser/kurs/MJ2411?l=en</a>
KTH Royal Institute of Technology	Sweden	MJ2501: Solar Energy Systems for Buildings and Cities	6	Assoc. Prof. Hatef Mandani Larjani	Master	<a href="https://www.kth.se/student/kurser/kurs/MJ2501?l=en">https://www.kth.se/student/kurser/kurs/MJ2501?l=en</a>	Candidate/B.Sc. or the equivalent + course MJ1112 Applied Thermodynamics or the equivalent, see additional information	18/01/2021 - 19/03/2021	<a href="https://www.kth.se/student/kurser/kurs/MJ1112?l=en">https://www.kth.se/student/kurser/kurs/MJ1112?l=en</a>
Aalto University	Finland	Thermal Energy Storage Systems	5	Annukka Santasalo-Aarnio	Master	<a href="https://mycourses.aalto.fi/course/view.php?id=27700">https://mycourses.aalto.fi/course/view.php?id=27700</a>	BSc in engineering field	08/03/2021 - 26/05/2021	<a href="https://mycourses.aalto.fi/course/view.php?id=27700">https://mycourses.aalto.fi/course/view.php?id=27700</a>
Aalto University	Finland	21E16100: Energy Business and Innovation	6	Jouni Juntunen	Master	<a href="https://mycourses.aalto.fi/course/view.php?id=27482">https://mycourses.aalto.fi/course/view.php?id=27482</a>		19/04/2021 - 03/06/2021	<a href="https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1128424306&amp;haettuOpas=1">https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1128424306&amp;haettuOpas=1</a>
Aalto University	Finland	31C01300: Energy and Environmental Economics	6	Iivo Vehviläinen	Master	<a href="https://mycourses.aalto.fi/course/view.php?id=27604">https://mycourses.aalto.fi/course/view.php?id=27604</a>		19/04/2021 - 31/05/2022	<a href="https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1017728499&amp;haettuOpas=1">https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1017728499&amp;haettuOpas=1</a>
Aalto University	Finland	PHYS-E0562 Nuclear Engineering, advanced course	5	Jaakko Leppänen	Master	<a href="https://mycourses.aalto.fi/course/info.php?id=29840">https://mycourses.aalto.fi/course/info.php?id=29840</a>	BSc in engineering/physics. PHYS-E0460 Introduction to Reactor Physics ( <a href="https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1117323720&amp;haettuOpas=1">https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1117323720&amp;haettuOpas=1</a> ) or equivalent.	02/03/2021 - 02/06/2021	<a href="https://oodi.aalto.fi/a/opintjakstied.jsp?MD5avain=&amp;Kieli=6&amp;OpinKohd=1113007593&amp;OpetTap=1144234595&amp;takaisin=opettaptied.jsp&amp;vltila=&amp;Opas=-1&amp;ooo_SortJari=&amp;Org=&amp;haettuOpas=1">https://oodi.aalto.fi/a/opintjakstied.jsp?MD5avain=&amp;Kieli=6&amp;OpinKohd=1113007593&amp;OpetTap=1144234595&amp;takaisin=opettaptied.jsp&amp;vltila=&amp;Opas=-1&amp;ooo_SortJari=&amp;Org=&amp;haettuOpas=1</a>
Aalto University	Finland	PHYS-E0483 Advances in New Energy Technologies	5	Peter Lund, Juha Kiviluoma	Master	<a href="https://mycourses.aalto.fi/course/info.php?id=29833">https://mycourses.aalto.fi/course/info.php?id=29833</a>	BSc in engineering/physics and basic understanding of energy systems. PHYS-C6370 Fundamentals of New Energy Sources or equivalent recommended, but not compulsory.	13/01/2021 - 13/04/2021	<a href="https://oodi.aalto.fi/a/opintjakstied.jsp?MD5avain=&amp;Kieli=6&amp;OpinKohd=1118106078&amp;OpetTap=1144234500&amp;takaisin=opettaptied.jsp&amp;vltila=&amp;Opas=-1&amp;ooo_SortJari=&amp;Org=&amp;haettuOpas=1">https://oodi.aalto.fi/a/opintjakstied.jsp?MD5avain=&amp;Kieli=6&amp;OpinKohd=1118106078&amp;OpetTap=1144234500&amp;takaisin=opettaptied.jsp&amp;vltila=&amp;Opas=-1&amp;ooo_SortJari=&amp;Org=&amp;haettuOpas=1</a>
Aalto University	Finland	PHYS-E0463 Fusion Energy Technology	5	Mathias Groth, Timo Kiviniemi	Master	<a href="https://mycourses.aalto.fi/course/info.php?id=29832">https://mycourses.aalto.fi/course/info.php?id=29832</a>	BSc in engineering/physics	11/01/2021 - 07/04/2021	<a href="https://oodi.aalto.fi/a/opintjakstied.jsp?MD5avain=&amp;Kieli=6&amp;OpinKohd=1113007775&amp;OpetTap=1144234488&amp;takaisin=opettaptied.jsp&amp;vltila=&amp;Opas=-1&amp;ooo_SortJari=&amp;Org=&amp;haettuOpas=1">https://oodi.aalto.fi/a/opintjakstied.jsp?MD5avain=&amp;Kieli=6&amp;OpinKohd=1113007775&amp;OpetTap=1144234488&amp;takaisin=opettaptied.jsp&amp;vltila=&amp;Opas=-1&amp;ooo_SortJari=&amp;Org=&amp;haettuOpas=1</a>
Aalto University	Finland	PHYS-E6571 Fuel Cells and Hydrogen Technology	5	Janne Halme	Master	<a href="https://mycourses.aalto.fi/course/info.php?id=29843">https://mycourses.aalto.fi/course/info.php?id=29843</a>	BSc in engineering/physics	13/01/2021 - 12/04/2021	<a href="https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1113009452&amp;haettuOpas=1">https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1113009452&amp;haettuOpas=1</a>
Aalto University	Finland	ELEC-E8425 Energy System Modelling and Optimization D	5	Matti Lehtonen, Mahdi Pourakbari Kasmaei	Doctoral	<a href="https://mycourses.aalto.fi/course/view.php?id=28621#section-0">https://mycourses.aalto.fi/course/view.php?id=28621#section-0</a>	A master's degree [open also to Master students]	01/03/2021 - 24/05/2021	<a href="https://oodi.aalto.fi/a/opintjakstied.jsp?Kieli=6&amp;html=1&amp;Tunniste=ELEC-E8425">https://oodi.aalto.fi/a/opintjakstied.jsp?Kieli=6&amp;html=1&amp;Tunniste=ELEC-E8425</a>
Aalto University	Finland	EEN-E3001 Fundamentals of Industrial Energy Engineering	5	Henrik Holmberg	Master	<a href="https://mycourses.aalto.fi/course/view.php?id=28412">https://mycourses.aalto.fi/course/view.php?id=28412</a>	Basics of thermodynamics and CHP plant (Rankine based process)	12/01/2021 - 08/04/2021	<a href="https://www.aalto.fi/en/education/energy-conversion-for-renewable-4eus4coe">Course: EEN-E3001 - Fundamentals of Industrial Energy Engineering, 12.01.2021-08.04.2021 (aalto.fi)</a>
Aalto University	Finland	AAE-E2005 Thermochemical Energy Conversion	5	Martti Larmi	Master	<a href="https://mycourses.aalto.fi/course/info.php?id=27696">https://mycourses.aalto.fi/course/info.php?id=27696</a>	BSc in Mechanical or Chemical Engineering [also Energy, Materials, Petroleum, Environmental Engineering] or Physics with basic knowledge of chemistry, thermodynamics and fluid mechanics	11/01/2021 - 08/04/2021	<a href="https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1142145568&amp;haettuOpas=1">https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1142145568&amp;haettuOpas=1</a>
Aalto University	Finland	MEC-E6005 Engineering Materials Seminar D	5	Sven Bossuyt	Master	<a href="https://mycourses.aalto.fi/course/view.php?id=29544">https://mycourses.aalto.fi/course/view.php?id=29544</a>		20/04/2021 - 01/06/2021	<a href="https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1125619568&amp;haettuOpas=1&amp;Kieli=6">https://oodi.aalto.fi/a/opintjakstied.jsp?OpinKohd=1125619568&amp;haettuOpas=1&amp;Kieli=6</a>
Grenoble INP-UGA	France	Power Electronics for renewable	2	Jean-Luc Schanen	Master	<a href="https://ense3.grenoble-inp.fr/en/academics/energy-conversion-for-renewable-4eus4coe">https://ense3.grenoble-inp.fr/en/academics/energy-conversion-for-renewable-4eus4coe</a> (Power Electronics part only: 10hCM-8hTD-4h00 Labwork)	Background in Electrical engineering (Circuit equations - Electromagnetism) and basic notion of power electronics (Buck converter - single phase rectifier)	01/02/2021 - 31/03/2021	Teaching modality: synchronous
Grenoble INP-UGA	France	Electrochemical storage of Electrical Energy	2,5	Yann Bultel	Master	<a href="https://ense3.grenoble-inp.fr/en/academics/generation-and-storage-4eus4psj">https://ense3.grenoble-inp.fr/en/academics/generation-and-storage-4eus4psj</a> (only one part of the module)	Background in Electricity	01/03/2021 - 30/05/2021	Teaching modality: synchronous
Grenoble INP-UGA	France	Heat and Mass Transfers	5	Samuel Siedel-Yann Bultel-Florence Druart	Master	<a href="https://ense3.grenoble-inp.fr/en/academics/heat-and-mass-transfers-4eus4hmt">https://ense3.grenoble-inp.fr/en/academics/heat-and-mass-transfers-4eus4hmt</a>	Thermodynamic basis - Thermal modeling Basic - Heat transfer	01/02/2021 - 30/05/2021	Mix between synchronous and asynchronous, but many mandatory synchronous parts
Grenoble INP-UGA	France	Team Project (various topics)	5	Stephane Guillet	Master	<a href="https://ense3.grenoble-inp.fr/en/academics/team-project-4eus4prc">https://ense3.grenoble-inp.fr/en/academics/team-project-4eus4prc</a>		01/02/2021 - 30/05/2021	Synchronous since integrated in a Local Group of students