BATTERY ASSOCIATES

BATTERYMBA

Content

Overview
Course structure
Lecture topics
Course fees
How to apply
Testimonials

Open to all battery enthusiasts

www.battery.mba

BatteryMBA is not a Master's in Business Administration.

Join B.A as a 'Company Member' to enjoy special discounts!

WHY CHOOSE THIS COURSE

Online, bespoke, and impactful: BatteryMBA is a global training course for aspiring battery experts who want to (1) understand pressing issues in the battery space; (2) increase their technical and market-driven knowledge of battery-relevant topics; and (3) grow their network of battery experts. Our 12-week online programme combines live online lectures, networking events with battery specialists, access to past lecture recordings, small group discussions, presentations, and battery-focused case study analyses.

Quality instructors: Lecturers have experience in leading industry names like Tesla, SVOLT, QuantumScape, Octopus EV, Fluence, Hitachi Energy, AVL, AMTE Power, Glencore, CNRS, Iberdrola, University of Oxford, and others. Their expertise span both research and industry-focused sectors, and Q&A sessions guarantee networking opportunities with all lecturers.

Global, trusted, and certified: Our 220+ alumni are based in 35+ countries in 5 continents and our network is continuously growing. The course is certified by UK CPD Certification Service, and we are proud to see that 98% of alumni recommend this course.

Visit: https://cpduk.co.uk to learn more about our UK accreditation.

CPD MEMBER
The CPD Certification Service

WHAT WE OFFER

'Meet The Leader' lectures:

The programme includes 12 live sessions, including 10 live lectures and 1 roundtable with industry leaders. All sessions include Q&A.

Weekly Office Hours:

Join weekly discussions on battery topics, with presentations from BatteryMBA participants, moderated by Dr. Simon Engelke and his team.

Access to past lectures:

Admission in the programme includes access to a library of 60+ hours of past lecture recordings (see lecture topics below).

Case Study Track & other optionals:

Participants can choose a number of optional add-ons, including: joining the Case Study Track and writing a Whitepaper.

Lifetime alumni network:

We developed BatteryMBA with a focus on building a global network of battery professionals. Our 220+ alumni are based in 35+ countries.

Accessible & Flexible:

The programme is catered to full-time professionals and advanced students alike. Our schedule is compatible with full-time employees, with a flexible weekly commitment of approximately 2-3 hours. Live lectures are recorded for participants who can't access live sessions.

PROGRAMME OVERVIEW

- Duration: 12 weeks
- 3 live sessions per week
- Case Study analyses
- 3 cohorts a year:
  January - March
  May - July
  September - December

BATTERYMBA
COURSE STRUCTURE

Session	Session details	Schedule
Introduction & Networking session	Introductory session followed by networking activities for all participants	Monday at 6PM (first Monday of the programme)
'Meet the Leader' Live lectures	10 live lectures followed with Q&A with industry leaders	Mondays at 6PM
Office Hour 1	Weekly discussions, presentations, and case study presentations by BatteryMBA participants	Thursdays at 6PM
Office Hour 2	Weekly discussions, presentations, and case study presentations by BatteryMBA participants	Fridays at 10AM
Career Session	Live session with career or recruitment specialists	Mid term
Networking Sessions	Networking events with all BatteryMBA alumni	Two live sessions
Roundtable Discussion	Debate and discussion with leading battery and energy experts in an interactive format	Monday at 6PM (last Monday of the programme)
Graduation Event	Certificate ceremony and overview of programme takeaways	Saturday at 6pm (Programme end date)

*All times are in CET

BATTERYMBA
OPTIONAL CASE STUDY TRACK

In 2022, BatteryMBA launched an optional case study track available to all BatteryMBA participants. Joining the case study track is optional, and represents an additional 4-5 meetings and individual & group work (approx. 2 hrs per week, or 15-25 hrs over 12 weeks).

Case Study track Objectives: Using the case study methodology, participants review several cases before joining a team of 2-4 people to write and present their own case study.

Session	Session details	Schedule
Introductory meeting	Session objectives: - Present case study track timeline - Present cases analysed in meetings 2 & 3 - Explore topics of synergies & interest for group work	Week 2
2nd meeting	Case study 1: discussion & analysis HBS case analysis [2 hr individual prep time and 1 hr case study session]	Week 3
3rd meeting	Case study 2: discussion & analysis INSEAD case analysis [2 hr individual prep time and 1 hr case study session]	Week 4
Case Study Writing Prep	Session objectives: What makes a good case study & group work? Case work review.	Week 5
Additional meetings Independent & Group Work	Preparatory meetings; independent & group work [2-3 hours per week for 5 weeks; approx. 10-15 hrs total]	Week 5-10
Case study presentations	Presentation of group case studies during office hours	Week 10-12

*All times are in CET

PREVIOUS LECTURES (ACCESSIBLE TO ALL)
SEPTEMBER - DECEMBER 2022

Lecture topic	Lecturer
Lithium-Ion (EV) battery market and supply chain	Wolfgang Bernhart Senior Partner at Roland Berger
U.S. Battery Programs, Policies, and Funding Opportunities	Emma Bishop Assistant Vice President at Venn Strategies
Lithium-ion Battery Cell, Module & pack design for integration	Wenzel Prochazka Senior Product Manager Battery Systems at AVL
Using advanced techniques to investigate batteries during cycling	Claire Villevieille Research Director at CNRS
Sodium-Ion battery cells	Fergal Harrington-Beatty Head of Sales at AMTE Power
Insights into High Performance Battery Systems	Wasim Sarwar Dilov Head of Research and Advanced Engineering at Rimac Automobili
Battery Energy Storage System (BESS) and Net Zero Electricity	Patricia Darez Managing Director at 350renewables
Battery manufacturing pilot plant from real to digital space	Elixabete Ayerbe Olano Team Leader at CIDETEC Energy Storage
Battery Recycling: Recovery of Critical Energy Materials	Teija Mortvedt Former Chemical Process Engineer at Tesla
Tracking the disruptive battery industry and its opportunities for Europe	Evan Horetsky Partner at McKinsey & Company

PREVIOUS LECTURES (ACCESSIBLE TO ALL)

MAY - JULY 2022

Lecture topic	Lecturer
Common Misconceptions about Batteries - Reloaded	Claudius Jehle CEO at volytica diagnostic
Responsible cobalt sourcing	Anne-Marie Fleury Director Cobalt at Glencore
How to set up a battery factory	Nemanja Mikac CEO at ElevenEs
High Power Cells	Fergal Harrington-Beatty Head of EVs at AMTE Power
2nd life batteries	Jon Asin Co-founder & CEO BeePlanet
Battery Packs - Flexible Manufacturing	Hakan T. Yilmaz Manager Business Development - E- Mobility Europe Manager at ABB
Solid-state lithium-metal batteries	Jordi Sastre Senior battery engineer at QuantumScape
European battery policy: how regulation can make EU leader in green batteries	Julia Poliscanova eMobility lead at Transport & Environment
V2G Charging Infrastructure	Claire Miller Director of Technology & Innovation Director at OctopusEV
Battery Investments in the New Economic Cycle	Katherine He Co-founder Battery Bits - Energy investment at TDK Ventures

PREVIOUS LECTURES (ACCESSIBLE TO ALL)

JANUARY - MARCH 2022

Lecture topic	Lecturer
What is behind falling battery prices and can this continue?	James Frith Principal at Volta Energy Technologies
Stationary Batteries	Maggie Teliska Innovation at Enel Green Power
Battery Data and Diagnostics (Machine Learning)	David Howey Professor of Engineering Science at the University of Oxford
Battery Policy and Battery Passport	Tilmann Vahle Co-Lead Mobility Platform at SYSTEMIQ Ltd.
Cells to pack, and back	Joachim Döhner Senior Director of Global Sales at KUKA systems GmbH
Green battery cell manufacturing	Katja Fröhlich Senior Research Engineer at AIT (Austrian Institute of Technology)
Lithium-mining and sustainability	Jeremy Wrathall, CEO at Cornish Lithium Ltd Rebecca Paisley, Exploration Geochemist at Cornish Lithium Ltd
Battery and the innovation ecosystem in the UK	Jacqui Murray Director of the Battery Faraday Challenge at Innovate UK
Common misconceptions around batteries	Claudius Jehle Co-founder and CEO at volytica diagnostics
The Future of Energy	Gerard Reid Co-founder at Alexa Capital

PREVIOUS LECTURES (ACCESSIBLE TO ALL)

SEPTEMBER - DECEMBER 2021

Lecture topic	Lecturer
Battery usage in electric vehicles	Lisset Urrutia Head of Research & Development at SVOLT Europe
Green Batteries through Computational Life Cycle Engineering	Felipe Cerdas Head of Research Department Life Cycle Engineering at Technische Universität Braunschweig
Lithium Ion Battery Anode Technology	Jill Pestana Director of Technical Program Management at Electric Goddess
Towards an electrified and sustainable future: Overview of Lithium Ion Battery Cathode Materials	Christian Rüdiger Director of Strategic Partnerships & Government Affairs at Johnson Matthey
Mass Customisation: How energy storage deployments will scale 100K in the space of 20 years	Marek Kubik Managing Director at Fluence Energy
Studying battery behaviour using Electrochemical Impedance Spectroscopy	Mariam Awara COO at Pulsenics
Helping manufacturers to achieve net-zero	Douglas Poensgen Co-founder & CEO at Circulor
Energy storage technologies in the power system	Pilar Gonzalez Innovation Manager at Iberdrola Venture Capital
Battery Giga Manufacturing	Claudia Massei CEO Siemens Oman
Battery Industrialisation - How to setup a battery cell production	Benedikt Konersmann Team Lead E-Mobility Industrialisation at P3

PREVIOUS LECTURES (ACCESSIBLE TO ALL)

MAY - JULY 2021

Lecture topic	Lecturer
Customising Li-ion cells from the first materials tests to series production	Matthias Fesser Business Development Manager at Customcells
The Critical Role of Storage in our World - key questions and discussion points	Gerard Reid Co-founder at Alexa capital
Batteries from scratch - Understanding lithium ion batteries from the materials up	Sam Cooper Senior Lecturer at Imperial College London
SOH - Li-Ion-Battery Basics, A non-chemist application-centered	Claudius Jehle Managing Director / CEO at volytica diagnostics
Electrical interconnection and energy storage as key technologies for enabling the future energy system	Gerhard Salge CTO Hitachi ABB Power Grids
Hot N Cold Batteries - Overview of battery thermal management system's designs and concepts	Katherine Kan Co-Founder Rovilus
Batteries for Energy Access	Harini Hewa Dewage Energy Storage & Off-Grid Sector Consultant
End-of-life management of lithium-ion batteries today and in the future	Hans Eric Melin Managing Director at Circular Energy Storage
Digital Twin in Battery Manufacturing	Claudia Vergueiro Massei CEO Siemens Oman
Battery and Energy Storage Safety Codes and Standards	Ryan Franks Senior Mechanical Engineer for Battery Reliability Testing and Industrial Acceptance at Pacific Northwest National Laboratory

PREVIOUS LECTURES (ACCESSIBLE TO ALL)

JANUARY - MARCH 2021

Lecture topic	Lecturer
Cleantech finance: "Who wants a faster horse?" Living in an age of disruption	Gerard Reid Co-founder at Alexa capital
Customizing Lithium-Ion Cells - From The First Material Tests to Series Production	Matthias Fesser Business Development Manager at Customcells
Li-Ion Battery Basics: A non-chemist application-centered approach	Claudius Jehle Managing Director / CEO at volytica diagnostics
Why you need to write a Battery Biography	Veronika Wright Electrified Veronika (formerly AVL)
Battery End-Of-Life Management and Policies	Bhavya Jha EU Battery Directive Specialist
Factory line performance and precision engineering	Mariano Sydney Rubio Former Automobile Engineer at SEAT
Data and optimisation in manufacturing	Marc Jensen Product Director at Decoded
Energy storage: a key enabler for the energy transition	Maxine Ghavi Head of Grid Edge Solutions at Hitachi ABB Power Grids
Electric Mobility: Strategic Perspectives on Batteries	Srinath Rengarajan Global Head of Automotive Research at Oliver Wyman
Career transition in the energy storage sector	Claudia Vergueiro Massei CEO at Siemens Oman

WHO IS THIS PROGRAMME FOR

This programme is open to all battery enthusiasts with some level of battery knowledge and a motivation to evolve in their career. The programme is fit for full-time professionals.

PROGRAMME COST

The course fee for the 12-week programme is 2000€ per person. The fee can be payed in 4 instalments of 500€.

A 20% discount is available for companies and organisations who become company members of Battery Associates.

HOW TO APPLY

1) Visit www.battery.mba/enroll and fill out our simple form.

2) Await to be contacted for an interview.

Applications are being reviewed on a rolling basis.

SCHOLARSHIP

Need-based scholarships for individuals with limited financial means and backgrounds that are underrepresented in the battery sector are available. Learn more at: www.battery.mba/enroll

ABOUT US

Battery Associates is an impact-led company working towards sustainable battery innovation. In 2021, we launched BatteryMBA to offer a sector-specific training for the next generation of battery leaders worldwide. To learn more, visit us at: www.battery.associates & www.battery.mba

Battery Associates

TESTIMONIALS

Hear what our participants have to say about BatteryMBA:

"A highlight of the BatteryMBA is the high participation of women. If we want the battery industry to thrive, (...) we need a diverse group of future leaders."

Paula, BatteryMBA participant

"Being able to talk to various people, like scientists, consultants, people from the investment side, data, analytics (...), you get a broader understanding of the dynamics that control the battery industry."

Crystal, BatteryMBA participant

"I would recommend this programme both to those who are new and trying to get into this battery field, and to somebody who has been in this field for 20 years."

Anurag, BatteryMBA participant

"These 3 months together have allowed me to expand my knowledge about the EV battery sector. As someone who entered the course with a limited foundation regarding the battery space, this course challenged me to expand my proficiency in battery manufacturing, recyling (...) ."

Alan, BatteryMBA participant

Watch our testimonial video and read what others have to say!

TESTIMONIALS

Hear what our participants have to say about BatteryMBA:

"Hearing lectures from well-noted Battery Professionals both from the academia and the industry have opened my eyes to the possibility of running and playing my own game with confidence. Experts from different battery industries and energy sectors were gathered to make the program very informative and interactive."

Rose-Marie, BatteryMBA participant

Based on reviews received from participants:

98%

Would recommend BatteryMBA to others

9/10

Overall satisfaction rate

99%

Said BatteryMBA met or exceeded their expectations

Watch our testimonial video and read what others have to say!

JOIN BATTERYMBA TODAY