

Master's Course (MC)

Orientation The video is available from Apr.1, please find more details on UNIPA.



Technology-based Entrepreneurship Course (TEC)

2 credits

15 classes in total : 3 take in the classroom(in-person) [assigned by professors], 10 Zoom online (Live) [Includes compulsory ⑫ or ⑬], and 2 on-demand (LMS Support System).

※Please note that some changes may occur depending on the campus where you are enrolled.

Time : Tuesday, 5th period (16:45-18:15)

Venue : Rm.116, Bldg. B3, Nakamozu Campus / Rm.822, General Education Bldg, Sugimoto Campus

1 Essential mindset for researchers

①	Orientation Why innovation is necessary and who provides it	Director of Center for Advanced Education in Entrepreneurship and Innovation Toshiyuki MATSUI, Ph.D. Project Coordinator, Masataka HAMADA	from Apr.1 Posted on UNIPA	On demand
②	Necessity of advanced researchers from the perspective of corporate managers	Deputy General Manager, BlackJack Project Advanced Management Office HORIBA, Ltd. Ms. Sumiyo ISHIKAWA	Apr.16	Nakamozu
③	The appeal of entrepreneurship and starting a business	Specially Appointed Professor, Osaka Metropolitan University Formerly at Director of CVC, Hitachi, Ltd., Tadashi HIROSE	Apr.23	Sugimoto

2 Internship report

④	The appeal of research internships	TEC 3.4. Research internship registrants	from May 7	On demand
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3 Essential knowledge for corporate researchers

⑤	Required Technical Professional Profiles in Society 5.0 - Technical professionals expanding their activities on a global scale - Human resource development for technical professionals in the innovation era	Specially Appointed Professor, Osaka Metropolitan University Formerly at IBM Japan Satoshi TSUJI, Ph.D.	May 14	Nakamozu
⑥	Responsible Research and Innovation RRI, Technology and Society, Research Integrity, Social Impact	Ernst & Young ShinNihon LLC Manager, Mr. Go YOSHIZAWA, Ph.D Principal, Mr. Takayuki NAKATSUKASA	May 21	Nakamozu
⑦	R&D in companies - Research and development activities in companies - Skills and knowledge necessary for the future	Specially Appointed Professor, Osaka Metropolitan University Formerly at Panasonic Holdings Corporation Tetsuo KAWAKITA, Ph.D.	May 28	Sugimoto
⑧	Intellectual property and Legal Affairs - IP strategy - Intellectual Property Strategy, required legal /IP knowledge for Ventures	Lawyer, Kansai Law & Patent Office Mr. Nobuo TOMITA Lawyer, Nakanoshima Chuo Law Office Mr. Masaki TARUMI	Jun.4	Nakamozu

4 Essential skills for corporate researchers

⑨	Leadership (lecture in English) - Organizational theory and leadership theory	Lecturer, Meijo University / Author and Coach, IBI Mr. Ian Roth, Ph.D.	Jun.11	Nakamozu
⑩	Presentation skills	Associate Professor, Graduate School of Information Technology, Kobe Institute of Computing Formerly at Panasonic Holdings Corporation Mr. Yasushi KOYABU	Jun.18	Sugimoto
⑪	Design creativity	President, Idea Research Institute Mr. Takashi OSAWA	Jun.25	Nakamozu
⑫	Idea creation work Design thinking and Business Model Canvas Systems thinking and systems approach	President, Idea Research Institute Mr. Takashi OSAWA Specially Appointed Assistant Professor, Osaka Metropolitan University Sunyoung LIM	Jul.2	Online (Live) Nakamozu
⑬	Idea creation work Design thinking and Business Model Canvas Entrepreneurial Decision-Making Exercise Causation and Effectuation	President, Idea Research Institute Mr. Takashi OSAWA Specially Appointed Lecturer, Osaka Metropolitan University Hiromi YAMADA	Jul.9	Online (Live) Nakamozu

5 Innovation creation examples

⑭	Innovator-led case studies Stories from entrepreneurs, examples of new business creation within companies, etc.	General Manager, Digital Technology Development Department, ITOKI Corporation Mr. Kei AKIYAMA Chief Executive Officer, Africa Asia Health Dynamics LTD Mr. Kenta HARA	Jul.16	Nakamozu
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6 Career design

⑮	Researcher career design	Senior Consultant, Deloitte Tohmatsu Consulting LLC Mr. Yusuke AKAIWA	Jul.23	Nakamozu
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"The curriculum (TEC, TEC1, 2, 3, 4) is a program designed to cultivate advanced researchers and research leaders who can drive innovation in the industrial sector, as part of the "Regional and Industry-led Advanced Human Resource Development Program"※1 and the "Regional and Industry-led Research Leader Development Program"※2. This education program, which includes entrepreneurship education as part of the "Science and Technology-driven Innovation Creation Player Development Program"※3, has been implemented and now formalized as a curriculum. By taking these lectures and exercises, students can earn credits. In addition, upon completion of TEC1, 3, 4, a "Certificate of Achievement" will be awarded."

※1 Young Researchers Education Program for Education/ Ministry of Education, Culture, Sports, Science and Technology ※2 Practical Research Leader Development Program/ Ministry of Education, Culture, Sports, Science and Technology
※3 Enhancing Development of Global Entrepreneur Program (EDGE) /Ministry of Education, Culture, Sports, Science and Technology