



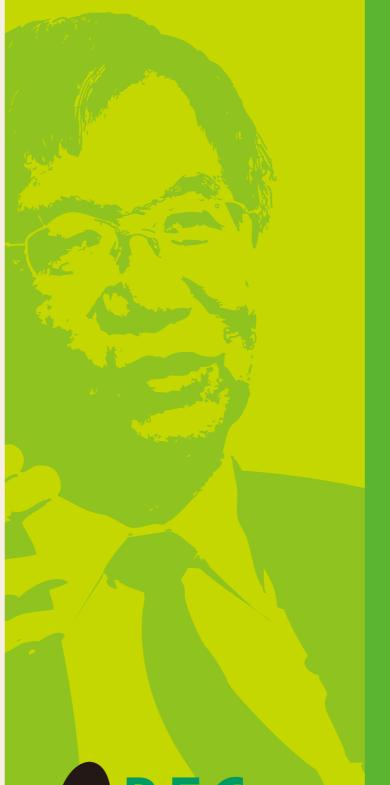
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April. 2017 issue





2017 English Educational Programs

ROBERT T. HUANG

ENTREPRENEURSHIP CENTER



Student number

Name



ROBERT T. HUANG
ENTREPRENEURSHIP CENTER
OF KYUSHU UNIVERSITY

QREC is an institute for the joint use of Kyushu University that was established in 2010 with the reorganization of the Venture Business Laboratory, thanks to a donation from Dr. Robert T. Huang.

QREC provides students at Kyushu University with a leading entrepreneurship education that will produce future entrepreneurial leaders who can spread their wings internationally, and with a sense of independence and ambition, a global point of view, and a willingness to actively create new values. QREC strives to be one of the top full-fledged entrepreneurship education and research centers not only in Kyushu and Japan, but also in Asia.

he Talent We Foster

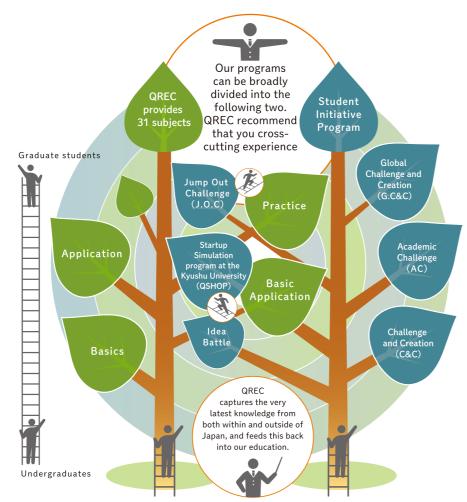
The global leaders of the next generation

- The ability to discover and/or create an opportunity by one's self, to set one's goals and to find the path to achieve them
- The willingness to challenge one's self to create new values
- A sense of independence
- The knowledge and ability to observe society and the world from a broader point of view ("T-shaped people", "Global talent")
- The motivation to utilize knowledge in society, as well as the ability to create practical value ("MOT people")

Entrepreneurial Thinking and Action (ETA)

Thinking and acting with a sense of entrepreneurship

The educational programs provided by QREC aim to endow students with entrepreneurship in its broadest sense. The objective of the QREC educational programs is to raise the entrepreneurial thinking and action (ETA) of all the students at Kyushu University. QREC aims at comprehensively providing various and diverse programs to heighten our students' ETA.

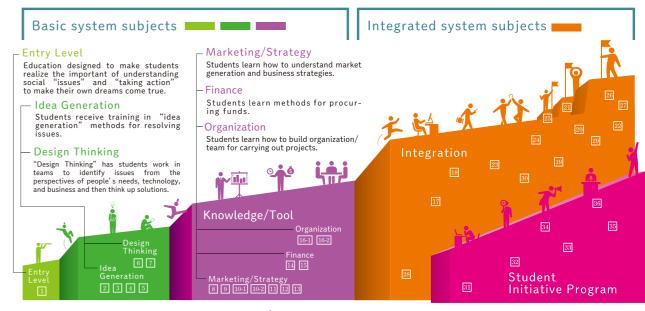


The cluster of QREC courses that enable credits to be earned as official subjects.

The cluster of programs for which no credits are conferred but the students are provided with practical opportunities.

QREC Curriculum System

All subjects in the curriculum are available to all Kyushu University students to take as their minor.



Motivation ———

Education designed to make students to realize their own dreams and to notice pressure of changing the world with their own ideas.

Design Thinking

- Strategic Design ThinkingIdea Lab II
- Idea Generation
- Digital Fabrication
 Tutorial
- Design Thinking Idea Lab I
- Entrepreneurship Seminar

Entry Level

Introduction to Entrepreneurship







Knowledge/Tool ____

Education designed to provide knowledge for achieving ideas for resolving issues.

Organization

- Applied Entrepreneurship Organization
- 161 Basic Entrepreneurship Organization Science

Finance

- Advanced Lecture in Venture Finance
- Basic Entrepreneurship
 Accounting and Finance

Marketing/Strategy

- Advanced Lecture in Research Skills
- Develoment in English
 Technology Marketing
 Game in Japanese
- Technology Marketing Game in English

Marketing

- 10-2 Applied Entrepreneurship Marketing
- 10:1 Basic Entrepreneurship Marketing

Strategy

Innovation ManagementBasic Entrepreneurship Strategic Theory

Integration —

Education students endeavor to actually put what they have learned into practice based on their knowledge and understanding of methodology.

Integration

- Class by QBS
- Idea Evaluation
- Practical Training Program for Regional Management
- Entrepreneurship in Designing new value for BOP people
- Social Entrepreneurship
- Advanced Lecture in Corporate Entrepreneurship
- Technology Based Entrepreneurship
- 20 Global PBL Program
- Design Innovation PBL Program collaborated with Industry
- Management

 Advanced Lecture in Core Competence

 Management
- 17 New Business Creation
- Global Seminar in English
- ☑ QREC Internship
- Robert T. Huang/
- Entrepreneurship Program II(QREP2.0)

Student Initiative Program

- ■Global Challenge and Creation(G.C&C)
- Jump Out Challenge (J.O.C)
- Academic Challenge (AC)
 Challenge and Creation (C&C)
- Startup Simulation program at the
- Kyushu University(QSHOP)
- ₃Idea Battle





2017 Syllabus

Community of	Technology Marketing Gan	Term	Credit		
Course Title	in English	0,			
Course Instructor (Affiliation)	Masaki Matsunaga	Winter quarter	2		
Keywords	Marketing Competitive strategy, Communication, Leadership, Decision-making & risk-taking	Fluency in English			
Course Purpose	Learn how to apply knowledge on marketing, competitive strategy, and risk-taking in simulated situations through playing an online business game developed by INSEAD. You will also learn effective ways to communicate and exercise your leadership in a small team (4-5 members) setting.		Through this course become able to: (1) n based on complex an information within a frame; (2) apply k marketing and strateg yet realistic situation in a highly competitiv (3) find the style of lefits your way of commexercise it in a team s	nake decisions d incomplete limited time nowledge on y to simulated s of business e market; and eadership that unication and	

Course Title	Clabal Caminar in Englis	Term	Credit	
Course Title	Global Seminar in Englis	Second semester	4	
Course Instructor (Affiliation)	Shingo Igarashi	Intensive Course	1	
Keywords	Innovation, Creativity, Entrepreneurship, Design		English Communication Skill	
Course Purpose			Prof. Yamakawa is g the goal of this subje class.	

		Т., ина	Considit	
Course Title	Advanced Lecture in Resea	Term	Credit	
	Skills Development in Engl	ısh		
Course Instructor (Affiliation)	Yuichi Harada	Fall quarter	2	
Keywords	Research management, Research methodology, Innovation, Intellectual property right, Carrier development, Entrepreneurship	Persons who conduct their own master's / doctoral degree project		
Course Purpose	Over the master and doctoral course, you have to develop knowledge and skills that equip you to undertake independent research at the front of your field. This course provides you how to develop your research skills practically. Hence, the lecture is composed of general talks on scientific skills and your tailored case study which is based on your tailored case study which is		This lecture gives you your field from the so scientific points of view ology of your study, al find out the logical app subject. Furthermore provides how to develop into business develop relation with intellecrights and entrepreneur	ocial and wide w, the method- nd the way to proach in your e, the lecture by your research oment on the tual property

 $* Please \ remember \ to \ check \ the \ QREC \ website \ frequently. (http://www.qrec.kyushu-u.ac.jp/en/)$

2017 Timetable Please remember to check the QREC website frequently. http://www.qrec.kyushu-u.ac.jp/en/educations/timetable

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			Т	ue.						Wed.		
	arter	1 8:40~10:10		Basic Entrepreneurship Accounting and Finance								
	spring quarter	4 14:50~16:20								duction to		
First semester	spr	5 16:40~18:10						t	ntre	preneurship		
t se			Tue.			W	ed.			Sat.		
First	uarter	1 8:40~10:10	Basic Entrepreneurs Strategic Theory	hip								
	summer quarter	4 14:50~16:20			Idea Lab I		T _e	Technology Marketing		Advanced Lectu Core Competen		
	wns	5 16:40~18:10				a cab i	Game in Japanese		Management (15:00—18:10)			
			Tue.	Wed.			Fri.		Sat.			
		1 8:40~10:10	Basic Entrepreneurship Organization Science									
	e L	3 13:00~14:30									Advanced	
	fall quarter	4 14:50~16:20		Introduction to				Advanced Lecture in Research Ski	lls		Lecture in Venture Finance	
	fall	5 16:40~18:10		Entrepreneurship		eneursnip	Development in English		t			
ter		6 18:30~20:00								Technology Based		
Second semester		7 20:20~21:50								Entrepreneurship (18:30-21:40)		
nd s			Tue.		W	ed.			F	ri.	Sat.	
Seco		1 8:40~10:10	Basic Entrepreneurship Marketing									
	ırter	3 13:00~14:30									Advanced	
	winter quarter	4 14:50~16:20		Idea L	ab II	Technolo Marketin	gy Ig				Lecture in Venture Finance	
	vinte	5 16:40~18:10		. Jou L		Game in English		Entrepreneru	ship			
	_ >	6 18:30~20:00						Seminar		Advanced Lecture in Corporate		
		7 20:20~21:50								Entreprenership (18:30-21:40)		

		Design Thinking
		Digital Fabrication Tutorial
		Innovation Management
	First semester	New Business Creation
		Social Entrepreneurship
		Global PBL Program
		Applied Entrepreneurship Marketing
Intensive		Robert T. Huang/Entrepreneurship Program II(QREP2.0)
Course		Global Seminar in English
	Second	Applied Entrepreneurship Organization
	semester	Strategic Design Thinking
		Design Innovation PBL Program collaborated with Industry
		Idea Evaluation
	_	Practical Training Program for Regional Management
	Every semester	QREC Internship
	Semester	Entrepreneurship in Designing new value for BOP people

2017 List of Courses

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			Course Title	Main classroom		Course
			Instructor name (Affiliation)	Lecture times	Overview	Credit
		Basics	Introduction to Entrepreneurship	Ito Campus	Students learn the fundamentals of entrepreneurship. The entrepreneur "always searches for change, responds to it, and exploits it as an opportunity" (Drucker, 1993). This is the process of discovering or creating a startup opportunity, then using richly creative ideas to translate it or to enlarge and strengthen it into a concrete form. In this course, follow along with this process	* General Subjects (frontier)
Rutry Level		8	Shingo Igarashi(AiRIMaQ) Masaki Kumano(AiRIMaQ)	Spring quarter Wednesdays periods 4 & 5 consecutive	while learning the fundamentals of specific methodology, including discovering startup opportunities and creating ideas. In addition to conveying the necessary knowledge in lectures, we also place importance on student participatory, experiential learning that combines workshops, group work, and so on.	** Not for graduates
R.ntrv		Basics	Introduction to Entrepreneurship	Ito Campus Remote Lecture	Students learn the fundamentals of entrepreneurship. The entrepreneur "always searches for change, responds to it, and exploits it as an opportunity" (Drucker, 1993). This is the process of discovering or creating a startup opportunity, then using richly creative ideas to translate it or to enlarge and strengthen it into a concrete form. In this course, follow along with this process	* General Subjects (frontier)
		Ξ.	Masaki Matsunaga (QREC) Megumi Takata (Faculty of Economics)	Fall quarter Wednesdays periods 4 & 5 consecutive	while learning the fundamentals of specific methodology, including discovering startup opportunities and creating ideas. In addition to conveying the necessary knowledge in lectures, we also place importance on student participatory, experiential learning that combines workshops, group work, and so on.	** Not for graduates
		Basics	Entrepreneurship Seminar	Ito Campus	Leading people in various fields who aren't normally available to meet on campus are invited to hold public seminars. Students themselves select the invited speakers, make arrangements with them, and plan the seminar content. The learning objective is not simply to invite distin-	
		Ř	Masaki Matsunaga(QREC)	Winter quarter Fridays periods 5 & 6 consecutive	guished people, but to conduct an interactive seminar in which all participating students take active part in the discussion, and to hear actual accounts of events involved in startups from the person directly involved, in order to foster entrepreneurship in a broad sense.	2
		Basics	ldea Lab I	Ito Campus	Out of a large number of ideas, only one can make it through a process of investigation and selection to the point of actual execution. This being the case, as many as possible have to be generated from the start or no result will be obtained. This course will conduct drills in using familiar, near-at hand materials and divergent thinking to generate large number of ideas in short time, and then using convergent thinking to select the most appropriate the control of	
Generation			Shingo Igarashi(AiRIMaQ)	Summer quarter Wednesdays periods 4 & 5 consecutive	ate ideas. At the same time, it will provide opportunities to improve group dynamics skills in stimulating and energizing a group in order to carry out idea generation in group units so as to devise better solutions. The course plan includes having guest speakers for some of the lectures.	** Not for graduates
Idea Ge		Basics	Design Thinking	Ohashi Satellite	"Design thinking" is a "design method open to all people" that we proposed by the U.S. design office IDEO and has spread throughout the world. This approach has students work in teams to identify issues from the perspectives of people's needs, technology, and business and the think up solutions, and is applied beyond the specialized field of design, business and education. This course is a primer for Strategic Design Thin ing, where students learn the first steps in facilitation, rapid prototypin teamwork and idea development techniques. In the Ohashi Satellite September, intensive lectures will be held in a workshop format.	
		Ш	Yasuyuki Hirai (Faculty of Design)	First semester Intensive Course August 26, 27		
		Basics	Digital Fabrication Tutorial	Ito Campus	In this course, students will use 3D printers, laser machines, and other digital machine tools to learn about "monozukuri" (skilled manufacturing) practices in a workshop format. Equipment in the QREC studio will be used for the working machines in the course. Students will form groups of two to three members and engage in discussion while pursu-	
		В	Kousuke Kaneko (Cyber Security Center)	First semester Intensive Course Saturday periods 3 & 4 consecutive July 1, 8, 15, 22	ing the machine work. This course will teach students ways of thinking about objects through actual work with the hands, showing that ideas are not just abstract notions for thinking about.	1
		Basic Application	ldea Lab II	Ito Campus	In Idea Lab I students learned about the idea generation using the divergence method. In Idea Lab II, after learning about how to discover opportunities arising from changes in the social environment, students combine the idea generation from their discoveries using the divergence method, and put into practice the idea generation that can solve specific issues (particularly those	
hinking		Basic	Shingo Igarashi(AiRIMaQ)	Winter quarter Wednesdays periods 4 & 5 consecutive	centering on the field of social entrepreneurship). Idea Lab II continues with the group work format of Idea Lab I, aiming to endow students with improved skills for maximizing the utilization of sophisticated team power.	2
Design Thinking		Practice	Strategic Design Thinking	Ohashi Satellite	Design thinking is an innovation generation method that has attracted worldwide attention in recent years as a conceptual technique that takes a human-oriented approach to thinking, generates concepts from the process of discovering problems, and takes steps toward problem solving. This course will make use of design thinking methods on specific and realistic social issues with the aim of creating business models for usable, practical solutions. Positioned as an advanced level of "Design	
		Pr	Yasuyuki Hirai (Faculty of Design) Shingo Igarashi (AiRIMaQ)	Second semester Intensive Course November 3, 4, 5 (scheduled)	Thinking." Lecturers will be invited from the IDEO Tokyo Office. Learn user observation, brainstorming, prototyping, and other techniques of design thinking through actual practice. The course is offered jointly with the Graduate School of Design as a three-day intensive course in a workshop format.	2

KIKAN Education for General Subjects KIKAN Education subjects for students in the second year and above

**Applicable for graduate students as undergraduate students with some exceptions

Joint course with graduate school(Special Skill Development Courses)

Joint course with QBS Course Joint course with Graduate School of Design Course

Joint course with Department of industrial design school of Design Course

Joint course with Interdisciplinary Graduate School of Engineering

Course Title Main classroom			Course		
		Instructor name (Affiliation)	Lecture times	Overview	Credit
	Basics	Basic Entrepreneurship Marketing	Ito Campus	Basic Entrepreneurship Marketing forms one of the four parts of business administration. In this course the students learn the basics of marketing. Marketing is a concept in all of the activities of corporations and organizations that seek to create the products that customers really want, provide them with the relevant information, and ensure that the customers can effectively obtain that value. It includes management philosophy, strategies, mechanisms and processes aimed	-
Marketing		Tsutomu Tobita (Part-Time Lecturer: Fukuoka University)	Winter quarter Tuesday period 1	at clarifying customer needs and generating customer value. By learning about the basics of marketing and repeatedly discussing examples from real society the course aims to endow students with practical abilities in marketing.	1
Mar]	Application	Applied Entrepreneurship Marketing	Nishijin Plaza Medium conference room	Expanding on the marketing basics learned in "Entrepreneurship Management I" and "Entrepreneurship Management II", students experientially study practical marketing focused on themes such as STP marketing and consumer value using many case studies and	
	Ap	Kenji Hirano (Part-Time Lecturer)	Intensive Course	workshops and centering on presentations.	1
	Basics	Basic Entrepreneurship Strategic Theory	Ito Campus	Students learn not just business management, but also the basics of management strategy theory for a wide range of organizations, including NPOs. A "strategy" is a means of achieving an objective with limited time and resources. Students learn through theory and actual cases how effective strategy can be in building sustained competitive superiority for an organization, taking into account its situation in an external environment, and in leading it to success. This is an introductory course intended for students who are interested in strategy in a broad sense.	
Strategy		Masaki Matsunaga(QREC)	Summer quarter Tuesday period 1		
Stra	Application	Innovation Management	Nishijin Plaza Medium conference room	With the remarkable speed of technological innovation and the intensification of competition between corporations, companies are facing the important issue of how to achieve value creation. On this course, students are introduced to basic knowledge of innovation management and market creation from the viewpoint of business administration, learning the basic framework of technology and markets.	
	Apr	Fumihiko Ikuine (Part-Time Lecturer) Tsukuba University	First semester Intensive Course Saturday, May 27, Sunday, May 28 (10:00-18:00)		
		Technology Marketing		* This course will be run entirely in English.	
	Application	Game in English	Ito Campus	Students enrolled in this course play the marketing simulation game, which is utilized in a number of top-tier MBA and executive MBA programs across the world. In so doing, students will learn skills for effective teamwork, leadership, and decision-making required in real-life management spanning across product development, distribution, marketing and sales.	
	Apı	Masaki Matsunaga (QREC)	Winter quarter Wednesdays periods 4 & 5 consecutive		
Marketing/Strategy	Application	Technology Marketing Game in Japanese	Ito Campus	Students enrolled in this course play the marketing simulation game, which is utilized in a number of top-tier MBA and executive MBA programs across the world. In so doing, students will learn skills for effective teamwork, leadership, and decision-making required in	
arketin	App	Masaki Matsunaga (QREC)	Summer quarter Wednesdays periods 4 & 5 consecutive	real-life management spanning across product development, distribution, marketing and sales.	
M	Application	Advanced lecture in Research Skills Development in English	Chikushi Campus Interdisciplinary Graduate School of Engineering Sciences: Faculty of Engineering Sciences Building E 101 Remote Lecture	Over the master and doctoral course, you have to develop knowledge and skills that equip you to undertake independent research at the front of your field. This course provides you how to develop your research skills practically. Hence, the lecture is composed of general talks on scientific skills and your tailored case study which is based on your own MD or PhD research project. The scope of the lecture covers not only deepening your research study but also consider how to develop the research	
	4	Yuichi Harada(AiRIMaQ)	Fall quarter Fridays periods 4 & 5 consecutive	project into practical applications, such as product or service, and even start-up. The lecture obviously demands you homework for digging your own research project deeply.	2
Finance	Basics	Basic Entrepreneurship Accounting and Finance	Ito Campus	Students learn the fundamentals of accounting and finance. The main subject of is accounting as the method corporations and NPOs use for appropriate control of revenue, costs, and assets in order to maintain a healthy state of management. Specifically, this involves	
		Masaki Matsunaga (QREC)	Spring quarter Tuesday period 1	studying how to read the income statements, balance sheets, and cash flow statements that are referred to as financial statements through a variety of actual cases and accounting quizzes.	1

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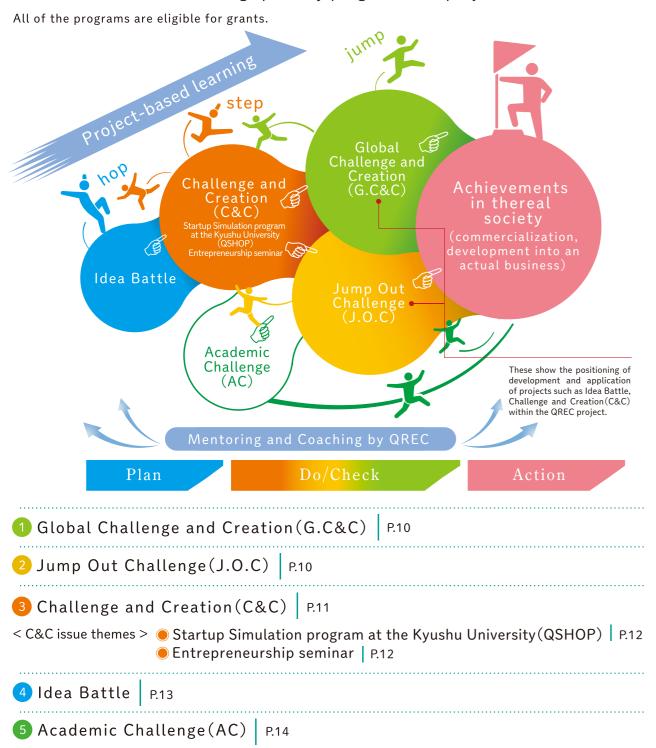
		Course Title	Main classroom		Course
		Instructor name (Affiliation)	Lecture times	Overview	Credit
Finance	Application	Advanced Lecture in Venture Finance	Hospital Campus	In this course, students study the entrepreneurship, finance, and fund theory. The course aims to aims to eqip students with the skills to evaluate and invest in business start-up opportunities (or have their business start-up invested in) from the perspective of inves-	_
		(Waseda University Business School)	3-5 concecutive October 14 November 25 December 9, 16 January 20, 2018	tors and entrepreneurs.	2
	Basics	Basic Entrepreneurship Organization Science	Ito Campus	Another of the four parts of business administration, the Basic Entrepreneurship Organization Science course teaches students about the basics of organizational theory. Organizational theory is the research field covering organizations, and forms a part of social sciences. In the organizational theory, organizations are constantly faced with external and internal chaos and tensions, and are creatively evolving in order to solve these problems by choosing to adopt new ways of thinking and behavioral	_
zation		Tsutomu Tobita (Part-Time Lecturer: Fukuoka University)	Fall quarter Tuesday period 1	patterns. Based on study of the various theories of which organizational theory consists, the course seeks to use discussions of various examples from real society to help students acquire abilities that can be applied to organizational management.	1
Organization	Application	Applied Entrepreneurship Organization	Nishijin Plaza Medium conference room	Organizational management is essential in order to expand the business size and attain high efficiency at corporations, public institutions, NPOs and other entities. Moreover, at their gestation stage organizations can only secure management resources – particularly personnel – on a small scale, and the needs for people who will constitute the organization grow hand-in-hand with the expansion of that	
	Арр	Masaki Kuroki (Part-Time Lecturer: Ritsumeikan University)	Second semester Intensive Course October28, 29 November 4	organization, the type of staff required changes, and the very methods with which the organization is run have to be altered. Students on this course will learn how to set up teams from small numbers to large numbers, and how to run those teams.	1
	Basic Application	Robert T. Huang/ Entrepreneurship Program II(QREP2.0)	Pre-visit: Ito Campus On-site: USA or Europe Post-visit: Fukuoka city	Students will engage in entrepreneurship training for approximately one week in foreign country that is "a place away" from their usual environment. This is a extension of ELEP/SVEP and other language training programs. In collaboration als with other universities, the course puts participants in a position to refine each other ideas within a context of diversity and to make the most of each other's strengths t polish up a business plan that they then present. Through exchanges with local	
	Basic	Masaki Matsunaga(QREC) Hirofumi Taniguchi(AiRIMaQ)	Second semester Jan.,Feb,: Pre-visit; Mar,: On-site, Post-visit	university students, participants engage in discussion about careers that are pursued on a global stage. The learning objective is for students to discern their own positions in the world and what role they will be able to play in society in times ahead.	2
	Practice	QREC Internship		Students basically look for a company that will host their internship on their own initiative, with advice from their tutor. Minimum standards of English ability may be set for overseas internships. The	-
		Shingo Igarashi(AiRIMaQ)	Every semester	details are covered through individual guidance.	
Integration	Practice	Global Seminar in English	Ito Campus	QREC will invite Prof. Yamakawa from Babson College, U.S.A, which is ranked in the best entrepreneurship education program not only for undergrad students but also Business School students. Prof. Yamakawa's current research interests include: Learning from entre-	=
Inte	А	Shingo Igarashi(AiRIMaQ)	Second semester Intensive Course	preneurial failure, dilemmas inherent in corporate venturing activities, failure of industry emergence, and bankruptcy laws and entrepreneurship development around the world.	1
	Application	New Business Creation	Ito Campus	Participants learn about the process of creating a successful business, starting with perceiving the seeds of a new business in ideas. Participants study how to analyze market opportunities and refine customer value, how to acquire customers, how to build up a differential advantage, and so on. Learning comes through live lectures by active consul-	
	Арк	Masataka Sugimoto (Part-Time Lecturer: Deloitte Tohmatsu Consulting)	First semester Intensive Course Satardays periods 4 & 5 consecutive (15:00-18:10)	tage, and so one cearming comes through the tectures by active consultants at major consulting firms and group work. The course concludes with presentations of business plans by each group, providing opportunities for participants to learn from each other.	1
	Application	Advanced Lecture in Core Competence Management	Hakozaki : Humanities Graduate School of Economics, Faculty of Economics, School of E conomics, Department of Business and Technology Management (Business School) building #209	In order to achieve stable, continuous business performance at a high level, corporations must establish unique core competencies and maintain their competitive superiority. These competencies are multifaceted, encompassing brand, core technologies, intellectual property, behavioral patterns and so on. On this course, students study the	
	Ap	Megumi Takata (Faculty of Economics)	Summer quarter	theory and practical examples of establishing and managing competitive superiority in business, with a particular focus on MOT (management of technology).	2

KIKAN Education for General Subjects KIKAN Education subjects for students in the second year and above
**Applicable for graduate students as undergraduate students with some exceptions
Joint course with graduate school(Special Skill Development Courses)
Joint course with QBS Course Joint course with Graduate School of Design Course
Joint course with Department of industrial design school of Design Course
Joint course with Interdisciplinary Graduate School of Engineering

		Course Title	Main classroom	Ovaniou	Cour
		Instructor name (Affiliation)	Lecture times	Overview	Cred
	Practice	Design Innovation PBL Program collaborated with Industry	Ito Campus	Students in this course will form teams of four to five members to propose business plans that will serve as solutions to business problems assigned by collaborating corporations. Classes will include learning sessions based on design thinking, field studies, and workshops with speakers from outside. Slated to be invited this time is Mr. Takahiro Yamaguchi, author	-
	<u> </u>	Masaki Matsunaga (QREC)	Second semester Intensive Course	of The Idea Maker. Classes are basically held on weekends, but students carry out their field studies on their own time outside of class.	2
	Practice	Global PBL Program	Ohashi Satellite On-site: Aalto University	This program is conducted jointly with Aalto University in Finland using a PBL format. It is conducted with Aalto University at the same time using the same themes, and students use the design thinking approach to propose specific solutions to social issues. By discussing and resolving the same issues with students overseas, the program aims to improve participants' social	
	۵	Yasuyuki Hirai (Faculty of Design)	First semester Intensive Course On-site presentation: One week in Finland	understanding, international awareness, and problem-solving abilities Workshops are held on several weekends over a number of months. At the end of the program, evaluation is conducted through a public presentation in Espo	
	Practice	Technology Based Entrepreneurship	Hakata satellite Large Lecture Room 1	Technology Based Entrepreneurship is one of QREC's practical-based courses. It covers practical study of recognizing chances for entrepreneurship, the idea generation to utilize these chances, analysis of potential markets, examination of business models, creating proposals for strategies aimed at turning ideas into viable businesses, the actual launch of businesses, and their integration. The course places a particular focus on the technology seeds that form the bedrock of technologies, providing study	
		Shingo Igarashi(AiRIMaQ)	Fall quarter Fridays periods 6 & 7 consecutive (18:30-21:40)	in a practical format of using intellectual property and confidential agreements, and how to start a business while grasping the initiative in the face of competition from large rival companies. Various forms of case study-based learning are utilized and a couple of practical sessions are held that deal with actual technology seeds.	
	Practice	Advanced Lecture in Corporate Entrepreneurship	Hakata satellite Large Lecture Room 1	Students learn about intrapreneurship and in-house venture capital through classroom learning and case studies. While in-house ventures have the benefit of easy access to capital, they face unique issues such as the pay and incentive system, and responding to changes in the	
		Hironobu Tamaki (Part-Time Lecturer: Prefectural University of Hiroshima)	Winter quarter, Every other week Friday, period 6 & 7 consecutive (18:30-21:40)	management policy of the host department, requiring appropriate organizational design to address them. Students learn the best practices in companies in Japan and overseas through case studies.	2
	Practice	Social Entrepreneurship		Social business seeks independent and sustained resolution of social issues business methods. The pioneer in this field was Dr. Muhammad Yunus (found of the Grameen Bank and recipient of the Nobel Peace Prize). With a focus on D Yunus' principles and cases of actual implementation in Japan and oth countries, students learn about the differences between "Yunus social busines and social business in a broader sense in Japan as well as about points in commo with longstanding, essentially Japanese philosophy of doing business. I incorporating workshops as well as lectures, the course also teaches studen methods of building up business ideas to address specific problems in society.	
	_	Hirofumi Taniguchi (AiRIMaQ)	First semester Intensive Course		
	Practice	Entrepreneurship in Designing new value for BOP people	On-site: Thai land	Social business seeks independent and sustained resolution of social issues by business methods. The pioneer in this field was Dr. Muhammad Yunus (founder of the Grameen Bank and recipient of the Nobel Peace Prize). With a focus on Dr. Yunus' principles and cases of actual implementation in developing countries, students learn the perspectives and essential knowledge required in building businesses oriented to resolving the problems of the socially disadvantaged and impoverished (base of pyramid: BOP)	
		AHMED ASHIR (Faculty of Information Science and Electrical Engineering)	Every semester	populations in developing and newly emerging countries. Participants also conduct on-site study of social problems in a developing country, doing fieldwork as a foundation for formulating specific solutions, and in this way gain experience in the practical steps involved in entrepreneurship in developing and newly emerging countries.	2
	Practice	Practical Training Program for Regional Management	Hakata satellite Nishijin Plaza, others	Students in the program are given a sense of awareness about all sorts of regional issues, and through the process of searching for ways of solving them learn about policy design methods. While envisaging a future vision for the regions with regard to a number of policy issues, they discover solutions that can solve local issues, and spread knowledge about these discoveries as social systems. These skills are acquired through workshops that are held in group units and form a single flow composed of the above. In parallel with these studies, external experts are invited to speak to the students and their awareness of the current state of affairs and the issues being faced is enriched and deepened.	
	٩	Hirofumi Taniguchi(AiRIMaQ) Shuhei Ishimaru (Fukuoka Directive Council)	Every semester	The course for this academic year will take "diversity" as its theme. Students will write reports on innovative businesses and social programs aimed at the revitalization of regional and local communities through actual practice and reformed approaches to work on this theme of diversity, together with suggestions for policies and measures required for that purpose, and they will make public presentations on their research.	
	Practice	Idea Evaluation	Ito Campus	In this course, you learn methods for evaluating how ideas (scientific knowledge and technology before patenting) can be industrialized. Building on a foundation of actual ideas from inside and outside the university study the thomy and practice involved with a focus on	
		Shingo Igarashi(AiRIMaQ)	Second semester Every other week Saturday	university, study the theory and practice involved, with a focus on examination of the possibilities for patenting, scenario planning to deal with uncertainties, and related matters.	2

Student Initiative Program

QREC conducts the following specialty programs and projects.



【Contact us】
 support@qrec.kyushu-u.ac.jp
 http://qrec.kyushu-u.ac.jp/en/contacts

Global Challenge and Creation (G.C&C)



http://qrec.kyushu-u.ac.jp/en/gcc

Challenging a world of globalization! Let us do battle with overseas students!!

Global Challenge and Creation(G.C&C) provides opportunities for students to compete directly with overseas students in student business plan competitions, and gives them experience in the process of turning their ideas into practical services and goods that will bring value to society. Its purpose is to foster and let students acquire a fully-fledged entrepreneurship that will achieve results in international society, and a sense of innovation and globalism. Plenty of chances are given for students to apply to take part in overseas business plan competitions and hackathons, and support is provided through mentoring and financial aid for air fares and so on.



Jump Out Challenge (J.O.C)



http://qrec.kyushu-u.ac.jp/en/joc

Compete with parties outside of the University! Let's try out your idea plan!

The participation of Kyushu University students in off-campus domestic business contests and project contests is encouraged. The students are able to ascertain their own standing through the experience of interaction and matches outside the university, and this helps them to acquire the ability to look at things from a broad perspective and execute their projects.



Calls for participations in the 2017 G.C&C and 2017 J.O.C

Eligibility

The project must consist of members who are undergraduates or post graduate students at Kyushu University.

*In some cases QREC may approve the participation of a working adult as a mentor in the project.

*Multiple applications in which the same person is the leader will not be accepted. However, it is possible for the leader of one project to be a member of another one.

*It is preferable that the participation of those who have excelled in C&C and Idea Battles is obtained.

Themes of call for applications

The following five themes are recommended

- (1)ICT (Including Web business)
- (2) Greentech (environmental technologies)
- (3)Big data (statistical analysis)
- (4)Base of the pyramid (BOP)
- (5)Agri-bio/Healthcare
- (6)Others (clearly state the specific field)
- *Participation in the contest will in principle be based on these themes.
- *In principal participation will be in contests based on the themes listed above.

Amount of grants

Funds will be granted for participation fees, transport costs and building of prototypes etc.

*The funds will be granted in line with the Kyushu University accounting regulations. It will not take the form of a one-off cash payment.

Application/Screening method

The deadlines for competitions vary. Remember to frequently check the QREC website for information on how to apply.

Screening will be conducted within the university.

G.C&C http://qrec.kyushu-u.ac.jp/en/gcc

J.O.C http://qrec.kyushu-u.ac.jp/en/joc

Final presentation and submission of reports

Participants will be expected to make a final presentation after participating in competitions.

Challenge and Creation (C&C) http://qrec.kyushu-u.ac.jp/en/cc

A university-wide effort in which students receive grants and their ideas and research are promoted for one year

With the idea of producing a creative, challenging environment, C&C was begun in 1997 as an annual university-wide effort designed to provide assistance to unique ideas and research projects planned by Kyushu University students. The program now epitomizes Kyushu University's unique approach to education. Ideas and study projects proposed by individual students and groups of students are evaluated for novelty and societal impact, with eight teams being selected to receive up to 500,000yen to support their activities to realize the project goals. About one year later, the teams present reports on their projects and are evaluated, with the honors going to the winning team. Thus far a total of 825 students have participated in the project.

Why don't you test yourself to your limits as a Kyushu University student by developing, tweaking and putting into practice your own original and innovative ideas?

Calls for participation in the 2017 C&C

Applicable projects

The following three categories will be considered. Multiple applications by the same individual will not be permitted.

(1) Open theme projects

Set the theme of the project yourself in line with your own interests and awareness of issues. It is hoped that there will be research and practical projects that are unique, relevant to society and interdisciplinary, and cover topics such as international exchange, environmental, medical and welfare issues, and regional planning.

(2) Business creation projects

Why not try to expand your ideas towards turning them into a business or business start-up? The project does not necessarily have to be on a technological theme. A wide range of help will be provided including with external presentations towards realizing your business.

(3) Issue themes

A planning team is put together for each theme. Those interested should refer to the following.

C&C Issue Theme Project I: Planning and Management Committee members for the planning and management of the Entrepreneurship Seminar

C&C Issue Theme Project II: Startup Simulation program at the Kyushu University Festival (QSHOP) Planning and Management Committee members for the planning and management of the program Also we call for students to participate in the QSHOP as CEO or others

to open shops at Kyudaisai Festival

Amount of grants

Each proposal is planned to receive up to 500,000 yen(scheduled) *The funds will be granted in line with the Kyushu University accounting regulations. It will not take the form of a one-off cash payment.

*This program is supported by the Kyushu University Fund.

Application method

Download and complete the application form from the QREC website, and submit your entry online.

http://qrec.kyushu-u.ac.jp/en/cc

Deadline for applications: Thursday, May 11, 2017

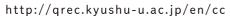
Examination Board session

Sunday, May 21, 2017

Final presentation and submission of reports

Around February 2018 (scheduled)

*A 'President's Award' will be given to the project team that achieves the most outstanding results.









Challenge and Creation (C&C) issue themes

Startup Simulation program at the Kyushu University (QSHOP)

http://grec.kyushu-u.ac.jp/educations/program/en/gshop

A program for learning the fundamentals of running a company and gaining hands-on experience of operating a company

QSHOP provides an opportunity for students to learn about starting businesses and management by means of the Kyudaisai Festival. As a hands-on experience of the process for starting a business using real cash, QSHOP is a project-basedlearning(PBL) program. Setting up a simulated store at the Kyudaisai Festival provides the opportunity to start a business. Students become "entrepreneurs," establish a company organization, learn the fundamentals of business management, and experience hands-on operation of company management through the program. Not only do they set up the stall and conduct sales activities, they also announce a business plan and hold a general shareholders meeting. They also receive support from real-life sponsors ("venture capitalists"), certified public accountants, judicial scriveners, bank employees and so on.

Call for student Planning and Management Committee members for 2017

C&C Issue Theme Project II: Startup Simulation program at the Kyushu University Festival (QSHOP) Planning and Management Committee members for the planning and management of the program Also we call for students to participate in the QSHOP as CEO or others to open shops at Kyudaisai Festival

Eligibility

Kyushu University undergraduates and post graduate students Amount of grants

Funds will be granted as a a C&C project issue theme project. *The funds will be granted in line with the Kyushu University accounting regulations. It will not take the form of a one-off cash

Application method

Applications will be accepted following notification of call on the QREC website and by e-mail around April or May. Apply by e-mail to QREC Office (support@qrec.kyushu-u.ac.jp).

The planned deadline is the end of May.

*Please remember to check the QREC website frequently.





Challenge and Creation (C&C) issue themes Entrepreneurship Seminar http://grec.kyushu-u.ac.jp/en/entreseminar

An Interdisciplinary Entrepreneurship Education Program

In order to create a new industry, along with research activities that produce the seeds of this new vision, professionals possessing the entrepreneurial spirit necessary to stand up to new challenges must be nurtured. At QREC, the goal is to develop the entrepreneurial spirit in our students and provide each of them with the opportunity to consider different career options. With this in mind, each year the entrepreneurship Seminar class is planned out and presented in an omnibus format, inviting lectures from a broad spectrum of fields. Selection of the theme and lecturers, negotiations, organization and operation, including arranging the day's lecture program, are tasks completely delegated to the Student Planning Committee. We will call for the participation of students in Planning and Management Committee as a part of the C&C program.

Call for student Planning and Management Committee members for 2017

C&C Issue Theme Project I: Planning and Management Committee members for the planning and management of the Entrepreneurship Seminar

Kyushu University undergraduates and post graduate students

Amount of grants

Funds will be granted as a C&C project issue theme project. *The funds will be granted in line with the Kyushu University accounting regulations. It will not take the form of a one-off cash payment.

Application method

Applications will be accepted following notification of call on the QREC website and by e-mail around April or May. Apply by e-mail to QREC Office (support@grec.kyushu-u.ac.jp).

The planned deadline is the end of May.

*Please remember to check the QREC website frequently.





Idea Battle http://qrec.kyushu-u.ac.jp/en/ideabattle

Show the world your creative and innovative ideas!!

Idea Battle is a new project that was first set up in the 2014 academic year. It enables the suggesting of more realistic projects by providing advice from mentors and preliminary research into the latent needs, competitive technologies and intellectual property rights regarding the creative but unrefined ideas cradled by the students. When an idea is chosen for Idea Battle it is researched and investigated in detail for around three months, after which a highly accurate project plan is fleshed out and the team to execute the project assembled. Finally, a presentation of the project plan is given at the final presentation, and by sharing the plan with those assembled a chance is provided fir brushing up the idea and this serves as a preparatory exercise before the next stage of action is taken. Within the QREC projects the Idea Battle is positioned as a preliminary stage for Challenge & Creation(C&C) and applying to take part in external business plan competitions and other such events.

Calls for participation in the 2017 Idea Battle

Eligibility

- The project must consist of members who are undergraduates or post graduate students at Kyushu University.
- The theme must be one that has been though up by the participants themselves. It does not necessarily have to be related to your major at the university.
- Individual applications are possible. However, you are encouraged to form a team by the end of the project.
- *Graduation theses, master's theses and doctoral theses will not be eligible for screening.
- *Challenge and Creation (C&C), Academic Challenge (AC) and other granted projects will not be accepted. However, ideas that were suggested for these schemes but not adopted are welcome.

Themes of call for applications

The following five themes are recommended

(1)ICT (Including Web business) (2)Greentech (environmental technologies) (3)Big data (statistical analysis) (4)Base of the pyramid (BOP) (5)Agri-bio/Healthcare (6)Others (clearly state the specific field)

Amount of grants

Each proposal is planned to receive up to 100,000 yen (scheduled) *The funds will be granted in line with the Kyushu University

accounting regulations. It will not take the form of a one-off cash payment.

Application method

Download the application form from the QREC website, complete the form and send it via the website.

Application deadline Monday,October 16, 2017

http://qrec.kyushu-u.ac.jp/en/ideabattle

Examination Board session

Wednesday,October 18, 2017 18:30–20:00 (scheduled)
Screening method: Please make an elevator pitch lasting one minute and

not using a PC or other such equipment.

Final presentation and submission of reports

Around February 2018 (scheduled)







Put that research to use in business! Use this opportunity as a first step toward practical application.

Academic Challenge (AC) is a research promotion program aimed at graduate students enrolled at Kyushu University. Students plan out their own research projects with any necessary capital provided by the university and students carrying out the actual research. The aim of the program is for students to gain valuable research management experience through this sequence of hands-on exercises. In order to promote promising research to fuel future innovation, students are afforded the opportunity to display their creativity and flexibility by facing off against each other in the pursuit of academic research.



Calls for participation in the 2017 AC

Eligibility

Applicants must be a graduate student at Kyushu University, and be under the age of 30. Individual applications only.

*Only one applicant shall be chosen from the same research lab. Therefore, the applicant should receive approval from his or her supervisor as well as submitting a letter of recommendation from the supervisor.

*Students are asked to refrain from duplicating their application for the Academic Challenge (AC) with that of the same research themes for other granted projects.

Themes of call for applications

- (1)Academic research related to the applicant's own field of study.
- (2)Themes can be related to the applicant's master's thesis or doctoral thesis.

Amount of grants

Each proposal is planned to receive up to 500,000 yen (scheduled) *The funds will be granted in line with the Kyushu University accounting regulations. It will not take the form of a one-off cash payment.

Application method

Download and complete the application form from the QREC website, and submit your entry online.

English version: http://qrec.kyushu-u.ac.jp/en/ac Deadline for applications Wednesday, May 10, 2017

Final presentation and submission of reports

Around February 2018 (scheduled)

Other requirements

1. Take the QREC New Business Creation course. (Date: June 18, 25) 2. Present a summary of research during a class of the QREC Idea Evaluation course.

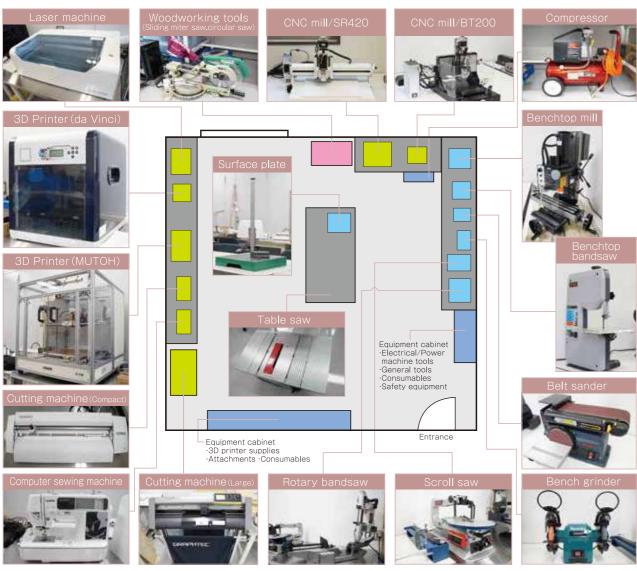
*Awardees of this grant may be required to repay it if they do not satisfy requirements 1 and 2 above.



QREC Studio http://qrec.kyushu-u.ac.jp/en/qrecstudio

The QREC Studio opened in December 2015, in Room 204-2 on the second floor of the Common Facility 1 building, at the Ito Campus. Students enrolled at Kyushu University who have been selected to participate in C&C and AC, as well as students taking QREC courses, can use the Studio if they make a reservation in advance. You can find out the state of reservations for the Studio by checking QREC's home page. The Studio can also be used when digital machine tools are to be used in classes.

QREC Studio Tools/Machine Tools Layout(As of Nov.6,2015)





Degital Fabrication Tutorial (Basic)

This course will teach students ways of thinking about objects through actual work with the hands, showing that ideas are not just abstract notions for thinking about. Students will use 3D printers, laser machines, and other digital machine tools in QREC studio.





Silicon Valley Room http://qrec.kyushu-u.ac.jp/en/rooms

The Silicon Valley Room opened in September 2015, in Room 213 on the second floor of the Common Facility 1 building, at the Ito Campus.

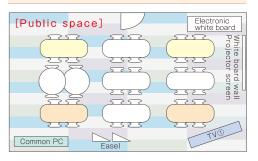
Like the Silicon Valley Room operating at Hakozaki Campus, this is a public space that may be used for meetings and exchanges by students enrolled at Kyushu University who have been selected to participate in C&C and AC, as well as students taking QREC courses.

Most of the wall surface of the Silicon Valley Room is covered with whiteboard, which helps make the space very versatile.





NOTE: On-campus LANs kitenet and edunet available for access.



QREC Premium Members Accreditation



Starting in the 2017 academic year, QREC will begin QREC Premium Members accreditation, a system for accreditation of university student clubs that are officially recognized by QREC.

This is a system that supports independent student activities. With QREC Premium Members accreditation, you can receive the following kinds of support:

[Types of QREC Premium Membership]

Type 1	Primus	This is on a par with winners of the C&C "Best Award" and it provides accreditation fo independent activities. The accreditation period is three years.			
Type 2	Superus	C&C winners and so on will be provided active mentoring and other such support. The accreditation period is one year.			
Type 3	Primary	This is granted for the Idea Battle winners and voluntary student club applicants. The accreditation period is within the period in which the Premium Members engage in the QREC Projects (a maximum of one year).			

With QREC Premium Members accreditation, you can receive the following kinds of support:

[Support provided by QREC]

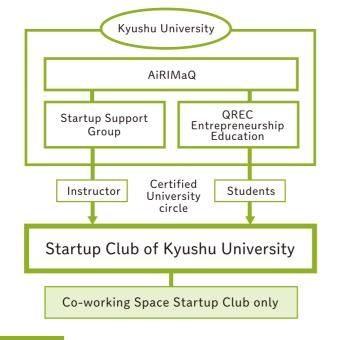
- Type 1 (Primus) members alone can receive QREC funding support to an amount of up to 100,000 yen. Accredited student members will be able to submit a budget when they apply for accreditation and approval will be subject to discussion by the QREC faculty committee.
- Accredited student members will be able to receive mentoring from QREC faculty and staff members.
- 3 QREC Premium Members will be able to utilize common facilities owned by QREC.
- QREC Premium Members will be able to utilize the inter-club bulletin board and message corner set up in the Silicon Valley Room.

Kyushu University Startup Club Call for New Members

Kyushu University Startup Club Established

The Kyushu University Startup Club will be established in July 2017 for students who are serious about wanting to start up an enterprise.

Just as the Soccer Club plays soccer, the Startup Club will start up student ventures. In the Startup Club, members create business plans in teams and enter them in contests in Japan and other countries while refining their business plans and engaging in practical activities oriented to a startup. Associate professor Kumano act as advisors, providing guidance, while leading entrepreneurs and venture capital from Japan and other countries form a network for startup assistance. We aim to create an average of three student ventures annually, and 30 student ventures in the space of 10 years. These will include the creation of three listed companies. Join us in the creation of a new chapter in the history of Kyushu University.



Purpose

To create university student ventures and produce student entrepreneurs

Objectives

To create an average of student ventures annually, and 30 students ventures in 10 years. Of these, create three companies that will be listed.

founding

July 2017

A network of leading entrepreneurs and venture capitalists in Japan and other countries.

activity day

Weekly meeting of all members. Day-to-day activities are determined by teams for them-

Advisor

Masaki Kumano (Associate Professor, Startup Support Group, Academic Research and Industrial Collaboration Management Office)

Description of activities in club's first academic year								
April-June	July	August	September-December	January				
Call for new members, preparatory activities	Form the Kyushu University Startup Club, issue press release, and hold press conference	Business plan creation camp, team building	Apply for business plan contests refine plans and create prototypes "prize-winning rush" period	Startup activities Seminars with outside speakers will be held about twice every month starting from August, plans will be refined, pitching practice will be held.				

[List of main business plan contests]

- ■Organized by the Ministry of Education, Culture, Sports, Science and Technology: University-Originated Venture Business Plan Contest
- ■Organized by the Ministry of Internal Affairs and Communications:ICT Business Plan Contest
- Organized by the Ministry of Economy, Trade and Industry: University Venture Grand Prix
- ■Organized by the New Energy and Industrial Technology Development Organization (NEDO):Technology Commercialization Program (TCP)
- Organized by Sumitomo Mitsui Banking Corporation (SMBC): "Mirai"
- Nishinippon Shimbun and other newspaper publishers: Kyushu Future Awards
- ■Organized by the U.S. Embassy:Business Plan Contest

Base of activities c/o Sakura Internet, Yomiuri fukuoka building 7F, 1-12-15, Akasaka, Chuoku, Fukuoka, Japan

Direct inquiries

Masaki Kumano (Startup Support Group, Academic Research and Industrial Collaboration Management Office) kumano@airimaq.kyushu-u.ac.jp Please search on Facebook for the "Kyushu University Startup Club." http://www.gdai-startup.com

For QREC Course Enrollment (Using the M2B learning support system)

QREC has adopted moodle, one of Kyushu University's M2B learning support systems, as a part of its course operations.

Please review the following procedures when taking a QREC course.

QREC course enrollment registration

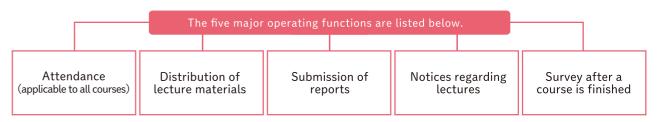


Using the M2B learning support system http://m2b.artsci.kyushu-u.ac.jp/en



- 1 The time required for enrollment registrations and the section with which students must register varies from course to course. Please refer to the following for details of where to register.
 - 1) The registration screen of the academic affairs information system ("campusmate-J") is here https://gkmw1.ofc.kyushu-u.ac.jp/portal/Top.do
 - 2) The QREC website http://qrec.kyushu-u.ac.jp/en/
- 2 At QREC, we use the Kyushu University M2B learning support system in our course operations.

The instructor will present the appropriate details at the first class, but read through the manual if you will be using the system in advance.



Link for downloading the M2B learning support system manual.

http://m2b.artsci.kyushu-u.ac.jp/en

courses box at the

bottom of the page

and click Go.

Registration

option screen

The registration

option screen will

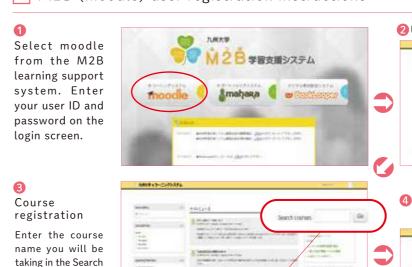
display. Click Enroll

me. This completes

the course registra-

tion.

2 M2B (moodle) user registration instructions







4 Click on the corresponding course in the results list.





After the course has been registered, a confirmation email titled "Welcome to Course name]" will be sent to your QUMA-S (Kyushu University Primary Mail Service for Students)

address.