

# INTERACTIVE MEDIA AND BUSINESS (IMBX-SHU)

## IMBX-SHU 1 Design Your NYU Shanghai (1 Credit)

Design Your NYU Shanghai is a first-year course to help you make the most out of your college experience. You'll be introduced to design thinking as a creative approach to explore majors and interests, craft global opportunities, and engage in intercultural connections. This action-oriented course uses rapid prototyping and reflection activities to ignite personal growth as you navigate this transformative time of your life.

Fulfillment: General Elective.

**Grading:** Ugrd Shanghai Graded

**Repeatable for additional credit:** No

## IMBX-SHU 100 Topics in IMB: (4 Credits)

Prerequisite: None. Fulfillment: general elective.

**Grading:** Ugrd Shanghai Graded

**Repeatable for additional credit:** No

## IMBX-SHU 102 Global Experience Design (4 Credits)

Students are introduced to design thinking as a tool to make the most out of their NYU Shanghai collegiate experience and prototype meaningful opportunities offered by NYU's Global Network. This course will use rapid prototyping methods to test out academic, career, and creative interests throughout the semester. Class discussions will explore topics such as wayfinding, purpose of college, reflective practice, as well as hearing global experiences from students and alumni. Prerequisite: None. Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded

**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

## IMBX-SHU 103 Understanding Financial Technology (4 Credits)

"How would you like to pay?" A simple question may provoke diversified answers in the digital age. The financial applications of digital technologies, or so-called fintechs have engendered many alternative forms such as QR codes, mobile apps, and Bitcoin for financial activities including payment, loans, and investment. What technologies make these innovations possible? What are the aesthetic norms embedded in fintech app designs? How do the fintech companies interact with banks, policy-makers, and regulators? While Ant Financial and Tencent Finance make China the leader of fintech innovation, how does the global map of fintech innovation look like? After all, how have fintechs re-shaped people's everyday life, and perhaps will reform human being? Through a weekly three-hour meeting, this course is to make sense of fintechs from a wide variety of perspectives. Integrating lectures with workshops and company visits, this course will equip students with critical thinking and practical skills that allow them to dialogue with various actors, such as computer programmers, project managers, investors, as well as academic intellectuals. Prerequisite: Sophomore standing or above Fulfillment: IMB major IMA/IMB elective; Business and Finance Major Non-Finance Electives; Business and Marketing Major Non-Marketing Electives.

**Grading:** Ugrd Shanghai Graded

**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: BUSF Non-Finance Elective
- SB Crse Attr: NYU Shanghai: BUSM Non-Marketing Elective
- SB Crse Attr: NYU Shanghai: IMB Business Elective
- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

## IMBX-SHU 105 Introduction to the Technology Innovation Process (4 Credits)

*Typically offered every year*

This course is for anyone who wants to be involved in technology innovations -- not only inventors, but everyone who is interested in initiating, implementing, translating, and commercializing technology innovations. It will introduce the full process for the identification, invention, and implementation of new technologies. The lectures will address three major components of the innovation process: Needs finding and screening, Concept generating and screening, and Strategy development and business planning. With case studies on innovative products from around the world, successes and failures, practical advice, and 'Getting Started' discussions, students are encouraged to learn from real projects. The brainstorm sessions and group projects are designed to encourage students to apply important lessons to their own ideas. At the end of this course, students will gain a deep understanding of the entire technology innovation process and start work in developing or using technology innovations. Prerequisite: None. Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded

**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 106 Introduction to Media Industries and Institutions (4 Credits)***Typically offered every other year*

The traditional understanding of media industries reminds us of mass media such as TV, radio, newspaper etc. Digital technologies, however have reshaped how media is made, consumed, and comprehended by increasingly fragmented audience groups. Self-made public accounts, search-based video streaming platforms, and social media apps refreshed our vision of media and challenged the existing ways of running a successful media. How to develop a thorough understanding of the rapidly changing market? This course is an introduction to the media industries, with a particular focus on the institutional forces (i.e., market structures, law and regulation, technological advancement, and audience dynamics) that shape the content and forms of emerging media. Combining lectures and guest talks, this class will make sense of the key concepts, professional terms, and business logics embedded in the production and operation of the global media industries. Furthermore, we will take case studies approach to examining the economic and social influences of media companies in specific contexts, particularly China, U.S., and U.K. These knowledge, together with the analytical skills that the students will acquire through in-class discussions, will allow them to comprehend and cope with the interplay among technology, market forces, and regulators in a wide array of media companies, including television, film, news, social media, video streaming, and the media-related tech businesses. Prerequisite: None. Fulfillment: IMB major Emerging Media Foundation course or IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Emerging Media Foundation Course
- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 110 Innovation Lab (4 Credits)***Typically offered Fall and Spring*

Innovation Lab is a foundational, intensive project-driven course where students explore current challenges and opportunities at the intersections of emerging media and innovation through the lenses of design, prototyping and innovation. The course helps students understand how these high-level concepts intersect with skills to form the basis for new applications of technology and human industrial art in business contexts and beyond. At the end of this course students will be able to think critically and holistically about not only what makes innovations possible but will also how to utilize emerging media technologies and ideas to bring innovations into the world that respect and acknowledge the values of design, iteration and innovation. Prerequisite: None Fulfillment: IMB Foundation course; IMA elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMA Elective
- SB Crse Attr: NYU Shanghai: IMB Emerging Media Foundation Course

**IMBX-SHU 201 The Minimum Viable Product (4 Credits)***Typically offered every year*

Increasing possibilities brought about by emerging forms of technology and decreasing costs of connecting people to things have not only enabled technological innovations, but have also opened the door to new applications, business models, products and services. Experimentation and calculated risk taking are keys to successfully harnessing the possibilities of today's most cutting-edge technologies and innovative methods to first build, understand and then redefine how humans and products interact. In this course, student 'co-founders' will conceive of and market a new media, physical or technology product designed to fit a market while also allowing them to accelerate and validate a sustainable business model. Students will 'get out of the classroom' and put these products into potential customers' minds. The course will touch upon topics such as how to design a minimum viable product, design a business model, talk and work with customers, and develop a product community. Prerequisite: Sophomore standing or above. Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 210 The Strategist (2 Credits)***Typically offered every year*

Business success requires being different. To succeed, a business needs to stand out from the competition. This is the fundamental challenge facing the business strategist. In this course, we will develop a four-way framework to help us think differently and better and become better business strategists. The four components of the framework (4 C's) are: strategy from contrast, strategy from combination, strategy from constraint, and strategy from context. We will examine many examples of great business strategies of each of these four types, and we will also use this framework to help us generate entirely new strategies. Prerequisite: Sophomore standing or above. Fulfillment: IMB Business elective; IMA/B elective for the IMB major; Creativity+Innovation Minor.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Business Elective
- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 212 Generative AI: A Business Revolution (4 Credits)***Typically offered every year*

This course examine how content creators, scientists and businesses can leverage Creative AI to disrupt existing businesses. As the power of creative AI is entering everyone's daily life, we can all become a new breed of creators. Whether it is through music, text or images, AI protocols can be used to create an infinite amount of content. In our lives today, content is a source of human jobs, revenue and value proposition for many businesses. In this course, we examine how this capacity to create unlimited content is challenging the status-quo of many business models. Prerequisite: Having completed at least one Business (BUSF, MKTG), Economics (ECON), or IMB (IMBX) course Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 220 Playing to Win: Game Design, Development, and Business (4 Credits)***Typically offered every year*

This workshop course asks students to investigate the intersection of media and business through the design, analysis, production, and marketing of games. Why do we play games? What makes them interesting? How does one create a game that people want to buy? Students will learn about the historical context and references of different types of games and study theories of design, interaction, and game development. They will apply and synthesize this theoretical knowledge by playing the role of game creator and constructing an original analog game. After identifying a target audience, students will engage in prototyping and testing with iterative feedback. They will also develop strategies for production, branding, and marketing of their game. Prerequisite: None. Fulfillment: IMA elective; IMB major IMA/IMB elective; Creativity+Innovation Minor.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMA Elective
- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 221 Content Creation and Management on Social Media (4 Credits)**

Content creation and management on social media has become an indispensable element of our lives and an important building block for commercialization in the entire creator economy. Therefore, understanding content creation and management on social media from the business perspective is absolutely essential in the commercialization process, especially in the long term. The course is comprised of both knowledge-based and practice-based modules that help students gain transferrable skills in both content creation and management. It offers an in-depth analysis of the common operation strategies and business features of various entities in the "self-media" ecosystem. With some technical guidance, the students are also given the opportunity to organize their goals and resources and then strategically create video content that meets their initial targets. Prerequisite: Sophomore standing or above. Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 222 Reinventing the Brand (4 Credits)***Typically offered Fall and Spring*

How do brands change and re-invent themselves? In this workshop course, you will play the role of brand strategist for an existing product or service, creatively re-branding it in a new light. Taking into account the current brand position and history, along with new consumer attention and technologies, you and your team will re-envision the brand's future. Over the length of the course, you will engage in a series of guided weekly design challenges to re-invent the brand – from demographic research to audits of brand competitors to logo creation. By the end of the course, you will have gained experience with both verbal communication and visual argumentation, along with hands-on creative branding innovation and practical business skills. Prerequisite: GPS or sophomore standing (or not open to first semester students). Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 230 User Research Fundamentals (4 Credits)***Typically offered every year*

This course will cover the foundation of user-centered research and guide students to apply three research methods to understand a real-world problem through an independent project, translating their research findings into insights that inspire solutions. Students will get exposure to both generative and evaluative research methods including in-depth interviews, contextual inquiries, participatory design, field research, survey, & concept testing. Students will learn and practice the key phases of user research including planning, execution, data analysis, and insight communication. Students will also select and apply appropriate methods for a given problem in a real-world scenario. By the end of the course, students will deliver an oral presentation to report their research to key stakeholders, and complete a written report that documents the research progress, key findings, and their critical review of selected user research methods. Prerequisite: GPS or sophomore standing (or not open to first semester students). Fulfillment: IMB major IMA/IMB elective; IMB Emerging Media Foundation.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Emerging Media Foundation Course
- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 250 Prototyping for People (4 Credits)***Typically offered Fall and Spring*

Have you ever considered why the products and experiences we utilize operate or function the way they do? Have you ever dug beneath the surface of the physical thing in front of you and questioned why you choose to use it the way you do? Have you ever been frustrated by a physical interface? In our journey of learning about Human Factors we will explore design decisions that lead to how Humans interact with physical objects. We will look at case studies and examples of how ideas are developed as a result of Human Factors research and incorporate our findings into an object we design. Prerequisite: Sophomore standing or above. Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 254 Introduction to Mindful Product Management (4 Credits)***Typically offered Fall and Spring*

Technology products and services are increasingly a huge part of how businesses reach their end-customer and Product Managers (PMs) are the ones to lead teams to build software that solve real problems. This course is designed as an introduction course of how PMs do this across a variety of contexts to evaluate customer needs, translate needs into functional requirements, prioritize different aspects of development, work with cross-functional teams, launch a product and create a holistic vision of how customers experience the product. This course will focus on lectures, discussions, case-studies and hands-on exercises that replicate a typical product process at a startup, tech or non-tech company. This course equips students with the mindset, tools, frameworks to mindfully discover, design and build things that make an impact and meet the needs of real humans. We will cover both core product thinking, and also how to translate that into practical ways to make decisions and build great products. Prerequisite: None Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 261 Global Media and International Law (4 Credits)***Typically offered occasionally*

This course examines the legal and regulatory instruments that shape and influence the flow of communication and media across international borders, starting with the first international treaties for the post, telegraph and radio in the late 19th and early 20th centuries. It then investigates how flows of communication and media are intertwined with current political and legal issues such as national security, freedom of expression, privacy, human dignity, and the general norms of world order. To what extent are media governed by law, and to what extent are they a law unto themselves, especially when they cross jurisdictional boundaries? Prerequisite: Sophomore standing or above. Fulfillment: IMB major IMA/IMB elective; Social Sciences International Relations track 200 level

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective
- SB Crse Attr: NYU Shanghai: Social Science Focus International Relations

**IMBX-SHU 262 Global Beauty Industry (4 Credits)***Typically offered every year*

This class explores the evolution of the global beauty industry from the nineteenth century to the present. Using materials such as primary and secondary sources and case studies, students will consider how entrepreneurs and cosmetic firms such as Unilever, L'Oréal, and Shiseidō have imagined and defined beauty throughout the globe. The course begins by tracing the historical factors that led to the formation of the industry. We will examine how firms translated societal values into brands, globalized them, and transformed societal perceptions of beauty. The course then analyzes new trends, such as the recent rise of the Asian beauty industry. The final section will look at the industry in the digital age and how firms have worked to resolve issues of their own doing. Prerequisite: Sophomore standing or above. Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 263 Fashion Industry in East Asia (4 Credits)***Typically offered Spring*

This course examines the past, present, and future of the Asian Beauty industry, focusing on the contexts of China and Japan. It explores the rise of Shanghai and Tokyo as fashion capitals, covering topics such as fashion marketing strategies, the fast fashion phenomenon, the adoption of sustainable practices within the regional supply chain, and the influence of technology on fashion design and production. Additionally, the course discusses the impact of e-commerce and social media marketing on the industry. Through case studies and scholarly literature, students will gain a comprehensive understanding of the fashion business in the region. Prerequisite: Not suitable for first semester freshmen Fulfillment: CORE IPC; IMB major IMA/IMB Elective Courses.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective
- SB Crse Attr: NYU Shanghai: Interdisciplinary Perspectives on China

**IMBX-SHU 360 Global Media and Finance (4 Credits)***Typically offered every year*

This course leads the students to form a critical understanding of the media and communication dynamics that orient the flow of financial capital. The class will navigate the conjuncture of media and finance through the combination of theoretical training and analyses of empirical cases. We will look at financial activities both at the individual and firm levels, including stock market investment, financial management, home mortgages, student loans, credit scores, retirement funds, and micro-finance. We take three approaches to the media-finance encounter: media & communication studies, science & technology studies (STS), and political economy. We will analyze the events and cases pertinent to the communication of financial information via information network, interfaces, and media platforms. Prerequisite: Sophomore standing or above. Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 362 Entrepreneurship and Globalization (4 Credits)***Typically offered every year*

Entrepreneurship and Globalization examines how entrepreneurs shaped the global economy from the 1800s to the present. Students will read and discuss case studies that examine the lives of some of the most prominent business founders and leaders in modern history through the framework of globalization. The cases explored in this course provide a dynamic framework for exploring the challenging decisions entrepreneurs faced in different eras of globalization between the nineteenth century to the present across a broad range of contexts and industries. Topics include the opium war, music, the fashion industry, bananas, sports and global media. We will learn about the creative ways that business leaders navigated cultural differences, information asymmetries, and conflicting interests. A typical class tries to get into the minds of the protagonists, establish the context in which they took decisions, debate the legacy of those decisions, and discuss how the class would have acted in those circumstances. Throughout the semester, students will research and develop a historical case study. Prerequisite: Completion of at least one Business foundation course (BUSF, MKTG, MGMT); junior standing or above Fulfillment: IMB Business elective, IMA/IMB elective for the IMB major; IMB minor; BUSF non-finance elective; BUSM non-marketing elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: BUSF Non-Finance Elective
- SB Crse Attr: NYU Shanghai: BUSM Non-Marketing Elective
- SB Crse Attr: NYU Shanghai: IMB Business Elective
- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 400 IMB Capstone 1 (4 Credits)***Typically offered all terms*

IMB Capstone 1 is a course that guides students through designing an independent project integrating the mindsets, methods, concepts, and skills learned in courses offered through the IMB curriculum. Students will research, design, prototype, and create a proposal and work plan their project under the guidance and supervision of IMB faculty through workshop seminars. The IMB Capstone sequence takes place over two semesters and requires the completion of two main assignments: a research paper and a practical media/business project. Prerequisite: Senior students with a primary major in IMB + IMBX-SHU 110 Innovation Lab Fulfillment: IMB Major Capstone.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Capstone

**IMBX-SHU 401 IMB Capstone 2 (4 Credits)***Typically offered every year*

IMB Capstone 2 is a course that guides students through prototyping and evaluating an independent project integrating the mindsets, methods, concepts, and skills learned in courses offered through the IMB curriculum. Students will research, design, prototype a project based on their IMB Capstone 1 proposal and work plan under the guidance and supervision of an IMB faculty mentor throughout the semester. The IMB Capstone 2 course requires the completion of a documentation portfolio and a practical media/business project prototype that creates measurable value for a chosen audience or user group facing a real-world problem or challenge. Prerequisite: IMBX-SHU 400 (IMB Capstone 1) Fulfillment: IMB Capstone.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMB Capstone

**IMBX-SHU 501 Realtime (2 Credits)***Typically offered every year*

This course explores the disruptions and creative possibilities that realtime emerging media provides through the lens of learning how to design, create, produce and perform in realtime. Students will be learning how to design and produce for realtime interactive audiences, understand the modern streaming media pipeline, the fundamentals of virtual production, digital content creation and the basics of game engines and other software - all in the service of delivering a more engaging and intimate connection between audience and performer. Students will design and perform 2 distinct realtime performances as well as work together with peers to conceptualize, design and produce a short realtime 'pilot' using the tools and techniques you've learned in the first two projects. Prerequisite: None. Fulfillment: IMA elective; IMB IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMA Elective
- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective

**IMBX-SHU 9250 Prototyping for People (4 Credits)***Typically offered Fall*

Have you ever considered why the products and experiences we utilize operate or function the way they do? Have you ever dug beneath the surface of the physical thing in front of you and questioned why you choose to use it the way you do? Have you ever been frustrated by a physical interface? In our journey of learning about Human Factors we will explore design decisions that lead to how Humans interact with physical objects. We will look at case studies and examples of how ideas are developed as a result of Human Factors research and incorporate our findings into an object we design. Prerequisite: Sophomore standing or above. Fulfillment: IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No**IMBX-SHU 9251 Design Innovation in Action: Project Mjolnir (2 Credits)***Typically offered Fall*

This course, Design Innovation in Action : Project Mjolnir, takes a hands-on, multidisciplinary approach to designing and developing elements and components of an open-source adaptive mountain bike for wheelchair users. Students will explore the intersection of human-centred design, engineering, and accessibility to develop this Award winning innovative mobility solution. Through collaborative projects, participants will engage in user research, prototyping, and testing to develop an adaptive mountain bike that enhances outdoor accessibility. The course emphasizes open-source design principles, ensuring that the final product can be freely shared, modified, and improved by a global community. Key topics include inclusive design, materials selection, mechanical engineering, rapid prototyping, and digital fabrication. Students will work closely with users and adaptive sports enthusiasts to refine their designs based on real-world needs and feedback.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No**IMBX-SHU 9501 Going Live: Real-Time Streaming and Interactive Media (2 Credits)***Typically offered every year*

This course explores the disruptions and creative possibilities that realtime emerging media provides through the lens of learning how to design, create, produce and perform in realtime. Students will be learning how to design and produce for realtime interactive audiences, understand the modern streaming media pipeline, the fundamentals of virtual production, digital content creation and the basics of game engines and other software - all in the service of delivering a more engaging and intimate connection between audience and performer. Students will design and perform 2 distinct realtime performances as well as work together with peers to conceptualize, design and produce a short realtime 'pilot' using the tools and techniques you've learned in the first two projects. Prerequisite: None. Fulfillment: IMA elective; IMB major IMA/IMB elective.

**Grading:** Ugrd Shanghai Graded**Repeatable for additional credit:** No

- SB Crse Attr: NYU Shanghai: IMA Elective
- SB Crse Attr: NYU Shanghai: IMB Interactive Media Arts/Business Elective