INTERACTIVE MEDIA + BUSINESS (BS)

CIP: 52.0101

Program Description

The Interactive Media + Business (IMB) major is where innovation + business meet through emerging media technology. It teaches how innovative ideas combine with technology, creativity and business principles to yield viable products, services and experiences. Students of Interactive Media + Business (IMB), will be challenged to imagine and implement interactive products and services that fearlessly investigate the recently possible in media, technology, and communication. IMB majors are also expected to think holistically about the impact of their work in society as well as the business value, whether it involves software or hardware, virtual or physical, product or experiment. The IMB major welcomes interest in entrepreneurship in all forms - large organizations or startups, for-profit or not-for-profit — that bring about disruptive changes and create positive social impact. Students of IMB will acquire a design-and-build mindset and gain experience by implementing creative solutions to real business problems in order to graduate well prepared for stimulating careers or future learning journeys in diverse organizations across the globe.

IMB majors and minors will take a unique blend of interactive media and business foundation courses, including Innovation Lab, which introduces modern rapid software prototyping, theories of innovation, early-stage business concepts, creative coding and user experience design. For their second emerging media foundation, IMB students will choose between one of 5 courses: Interaction Lab, which covers interaction design, electronics, computation, and digital fabrication, Communications Lab, which covers digital media production methods, including imaging, audio, video, and Web development, or What is New Media? A course designed to give students a strong theoretical and historical background in new media arts, Creative Coding Lab, which introduces students to the fundamentals of computation, software design, and web technologies and Introduction to Media Industries and Institutions. Business foundations include Economics of Global Business and Principles of Financial Accounting.

Students also choose from a range of flexible core and elective categories across the disciplines of business, emerging media, art and design, the humanities, social and physical sciences, as well as computation and data. Majors finish with a year-long Capstone course by synthesizing their learning to date and applying their learning to prototype an artifact (an idea, product, or service) that creates value in the real world.

Admissions

New York University's Office of Undergraduate Admissions supports the application process for all undergraduate programs at NYU. For additional information about undergraduate admissions, including application requirements, see How to Apply (https://www.nyu.edu/admissions/undergraduate-admissions/how-to-apply.html).

Program Requirements

i rogram i	icquirements	
Course	Title	Credits
Core Courses		
Social and Cultura		
	Global Perspectives on Society	4
Interdisciplinary F	Perspectives on China (Two Courses)	8
Writing		
WRIT-SHU 102	Writing as Inquiry	4
WRIT-SHU 201	Perspectives on the Humanities	4
Language ¹		
Language Course	es	8-16
Mathematics		
Mathematics Cou	ırse	4
Algorithmic Thinki	ing	
Algorithmic Think	king Course	4
Science		
Experimental Disc	covery in the Natural World Course	4
	ogy and Society Course	4
Major Requireme		
	oundation Courses	
IMBX-SHU 110	Innovation Lab	4
Select one of the	following:	4
	Introduction to Media Industries and Institutions	
	Interaction Lab	,
	3 Creative Coding Lab	
	Communications Lab	
	5 What is New Media?	
	s Foundation Courses	
•	Economics of Global Business	4
		4
BUSF-SHU 250	Principles of Financial Accounting	4
Business Flexible		0
Select two of the		8
	2 Information Technology in Business & Society	
	2 Foundations of Finance	
) Business Analytics	
	Operations Management	
MGMT-	Management and Organizations	
SHU 301		
MKTG-SHU 1	Introduction to Marketing	
Business Elective		
	from the Business Elective Courses listed below	12
Interactive Media	Arts/Business Elective Courses	
Select 20 credits Courses listed be	from the Interactive Media Arts/Business Elective low	20
Capstone Studio		
IMBX-SHU 400	IMB Capstone 1	4
IMBX-SHU 401	IMB Capstone 2	4
Other Elective Cre	edits	12-20
Total Credits		128
		. 20

Students who did not attend a Chinese-medium high school fulfill the Core language requirement by demonstrating proficiency of the Chinese language through the Intermediate level. Chinese speakers who did not attend an English-medium high school fulfill the Core language requirement through completion of EAP-SHU 100 English for Academic Purposes I and EAP-SHU 101 English for Academic Purposes II. Additional information can be found on the NYU Shanghai Core Curriculum page (https://bulletins.nyu.edu/undergraduate/shanghai/core-curriculum/#text).

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Sophomore standing required

Business Elective Courses

Code	Title	Credits
BIOL-SHU 42	Biostatistics	4
BPEP-SHU 9042	The Political Economy of East Asia	4
BUSF-SHU 10J	Creativity and Innovation	4
BUSF-SHU 48	Derivatives	4
BUSF-SHU 101	Statistics for Business and Economics	4
BUSF-SHU 185J	The Strategist	4
BUSF-SHU 188	Chinese Business and Finance – A Bilingual Introduction	4
BUSF-SHU 191	Acting for Business	4
BUSF-SHU 200A	Topics in Business	4
BUSF-SHU 200B	Topics in Business	4
BUSF-SHU 200C	The Globalization of Business Enterprise	4
BUSF-SHU 200D	Business Consulting in China	4
BUSF-SHU 200E	Network Analytics	4
BUSF-SHU 200F	Fixed Income Derivatives	2
BUSF-SHU 200G	Experiential Mediation	4
BUSF-SHU 202	Foundations of Finance	4
BUSF-SHU 206	Investing And Financing In And With China	4
BUSF-SHU 206A	Investing And Financing In And With China	2
BUSF-SHU 207	Financial System and Financial Intermediation	4
BUSF-SHU 208	Chinese Financial Markets	4
BUSF-SHU 211A	Design Thinking - Part I	2
BUSF-SHU 211B	Design Thinking - Part II	2
BUSF-SHU 215	Alternative Investments I: Principles & Strategie	s 4
BUSF-SHU 220A	Topics in Business - 2 cr	2
BUSF-SHU 220B	Topics in Business - 2 cr.	2
BUSF-SHU 220C	Topics in Business - 2 cr	2
BUSF-SHU 220D	Topics in Business - 2 cr	2
BUSF-SHU 220E	Topics in Business - 2 cr	2
BUSF-SHU 220F	Debt Instruments	2
BUSF-SHU 220G	Topics in Business - 2 cr	2
BUSF-SHU 220H	Topics in Business - 2 cr	2
BUSF-SHU 220J	Topics in Business:	2
BUSF-SHU 221	Professional Responsibility & Leadership	2
BUSF-SHU 222	Risk Management in Financial Institutions	4
BUSF-SHU 222A	Risk Management in Financial Institutions: Marl Risk	ket 2
BUSF-SHU 222B	Risk Management in Financial Institutions: Cred Risk	lit 2

		4
	USF-SHU 225 Negotiation and Consensus Building	
BUSF-SHU 225.1	Negotiation and Consensus Building: Theoretic Foundations	
BUSF-SHU 225.2	JSF-SHU 225.2 Negotiation and Consensus Building: Cases and Practices	
BUSF-SHU 229	Behavioral Finance	4
BUSF-SHU 232	Entrepreneurship Explored	4
BUSF-SHU 244	Portfolio Management	4
BUSF-SHU 250	Principles of Financial Accounting	4
BUSF-SHU 270	Financial Reporting & Disclosure	4
BUSF-SHU 271	Artificial Intelligence for Business	2
BUSF-SHU 272	Blockchain and its Business Applications	4
BUSF-SHU 274	Distributed Ledger Technology: Ethereum, DeFi, and Beyond	4
BUSF-SHU 286	Chinese Financial Markets	4
BUSF-SHU 288	Doing Business with China	4
BUSF-SHU 289	NYU Big Ideas Series: The Role of China in the Future of World Business	4
BUSF-SHU 303	Corporate Finance	4
BUSF-SHU 304	Futures and Options	4
BUSF-SHU 305	Debt Instruments and Markets	4
BUSF-SHU 308	Hedge Fund Strategies	4
BUSF-SHU 309	Financial Statement Analysis	4
BUSF-SHU 310	Data Science for Social and Information Networks	4
BUSF-SHU 311	New Venture Strategy	4
BUSF-SHU 312	International Business and Trade	4
BUSF-SHU 318	Investing in Emerging and Frontier Markets:	4
	Opportunities and Challenges	
BUSF-SHU 321	Equity Valuation	4
BUSF-SHU 326	Big Data and Accounting Analytics	4
BUSF-SHU 334	Advanced Futures and Options	4
BUSF-SHU 340	Advanced Financial Accounting	4
BUSF-SHU 350	Managerial Accounting	4
BUSF-SHU 351	Operations Management	4
BUSF-SHU 353	International Financial Management	4
BUSF-SHU 361	Entrepreneurial Finance	4
BUSF-SHU 366	Applications in Entrepreneurial Finance: Fintech	4
BUSF-SHU 390	Corporate Transaction Financial and Valuation Modeling	4
BUSF-SHU 420	Business Topics Course: Financial Market Volatility Modeling	4
BUSF-SHU 441	Private Equity & Venture Capital in Asia and Emerging Markets	4
BUSF-SHU 442	International Project and Structured Investing and Financing	4
BUSF-SHU 997	Business Independent Study	1-4
ECON-SHU 3	Microeconomics	4
ECON-SHU 216	Introduction to Game Theory	4
ECON-SHU 315	Competitive Analysis	4
ECON-SHU 453	Economics Honors Seminar	2
GCHN-SHU 342	The Political Economy of East Asia	4
IMBX-SHU 103	Understanding Financial Technology	4
IMBX-SHU 210	The Strategist	2
IMBX-SHU 211	Design Thinking	4

MATH-SHU 235	Probability and Statistics	4
MATH-SHU 250	Mathematics of Finance	4
MGMT-SHU 4	Global Strategy	4
MGMT-SHU 18	Strategic Analysis	4
MGMT-SHU 21	Managerial Skills	4
MGMT-SHU 401	Research Methods in Management and Organizations	4
MGMT-SHU 425	Managing Change	4
MKTG-SHU 1	Introduction to Marketing	4
MKTG-SHU 2	Consumer Behavior	4
MKTG-SHU 3	Advertising Management	4
MKTG-SHU 9	Research for Customer Insights	4
MKTG-SHU 53	Pricing	4
MKTG-SHU 57	Digital Marketing	4
MKTG-SHU 64	Global Marketing Strategy	4
MKTG-SHU 110	Practicum on Innovation and Branding	4
MKTG-SHU 154	Digital Marketing Analytics	4
MKTG-SHU 200	Strategic Marketing in China: Live Projects and Case Studies	4
MKTG-SHU 228	Strategic Marketing in China: Live Projects and Case Studies	4
MKTG-SHU 229	Luxury and Luxury Marketing	4
MKTG-SHU 310	Retail Technology and Channel Management: The Chinese Market	4
PCIX-SHU 101	Creativity Considered	4
PCIX-SHU 201	Design Thinking	4
PCIX-SHU 301	Entrepreneurship Experienced	4
SOCS-SHU 241	Cultures of Business and Work	4
SOCS-SHU 391	International Investment in Developing Countries: China and Africa	4
SOIM-SHU 6	Law, Business, & Society	4
SOIM-SHU 65	Organizational Communication and Its Social Context	4
SOIM-SHU 165	Advanced Organizational Communication	4
SOIM-SHU 9006	Law, Business, & Society	4

Interactive Media Arts/Business Elective Courses

Code	Title	Credits
ART-SHU 222	Site and Situation: Social Space and Public Art	4
ART-SHU 250	Visual Culture and Social Art Practice: Collaborations and Community Interactions	4
ART-SHU 251	Typography in the Urban Environment	4
ART-SHU 255	Printmaking in an Expanded Field	4
ART-SHU 274	Woodblock Printmaking: Practice and Theory	4
ART-SHU 306	Moving Images I	4
ART-SHU 307	Moving Images II	4
ART-SHU 375	The Graphic Novel	4
BUSF-SHU 211A	Design Thinking - Part I	2
BUSF-SHU 211B	Design Thinking - Part II	2
BUSF-SHU 232	Entrepreneurship Explored	4
CCST-SHU 141	Innovation in/of Daily Spaces	2
CRWR-SHU 175	Storytelling Strategies	4
CRWR-SHU 245	Intermediate Fiction Workshop: Speculative Fictions	4

CSCI-SHU 50	The Design Sprint: Modern Aging and the Future of 4 Health in China	
GCHN-SHU 230	Culture and Media in Urban China	
GCHN-SHU 236	Immersive Narrative of Chinese Monuments	
HUMN-SHU 231	Contemporary Art and Theory in North America and Europe	
IMBX-SHU 102	Global Experience Design	4
IMBX-SHU 103	Understanding Financial Technology	4
IMBX-SHU 105	Introduction to the Technology Innovation Process	4
IMBX-SHU 201	The Minimum Viable Product: The Lean Launchpad	4
IMBX-SHU 210	The Strategist	2
IMBX-SHU 211	Design Thinking	4
IMBX-SHU 212	Al for Creators: A Business Revolution	4
IMBX-SHU 220	Playing to Win: Game Design, Development, and Business	4
IMBX-SHU 221	Content Creation and Management on Social Media	4
IMBX-SHU 222	Reinventing the Brand	4
IMBX-SHU 230	User Research Fundamentals	4
IMBX-SHU 241	Creative Learning Design	4
IMBX-SHU 250	Prototyping for People	4
IMBX-SHU 254	Introduction to Mindful Product Management	4
IMBX-SHU 261	Global Media and International Law	4
IMBX-SHU 262	Global Beauty Industry	4
IMBX-SHU 360	Global Media and Finance	4
IMBX-SHU 362	Entrepreneurship and Globalization	4
IMBX-SHU 501	Realtime	2
IMBX-SHU 9501	Going Live: Real-Time Streaming and Interactive Media	2
INTM-SHU 10J	Neighborhood, Map, Phone	4
INTM-SHU 124	Emerging Technologies & Computational Arts	4
INTM-SHU 125	Digital Arts and New Media	4
INTM-SHU 126	Introduction to 3D	2
INTM-SHU 127	Paper Art: History and Practice	4
INTM-SHU 129	Industrial Design in Action	4
INTM-SHU 129T	Digital Design and Fabrication	4
INTM-SHU 130	Working with Electrons	4
INTM-SHU 132	Kinetic Light	4
INTM-SHU 134	Movement Practices and Computing	4
INTM-SHU 138	Responsive Environments: Designing Interactive, Sentient, and Intelligent Spaces	4
INTM-SHU 138T	Extended Perception	4
INTM-SHU 140T- A	Open Project Salon	2
INTM-SHU 140T- B	Open Project Salon	2
INTM-SHU 150	Storytelling in Mixed Reality	4
INTM-SHU 150J	Mobile Media	4
INTM-SHU 151	Learning with Turtles	4
INTM-SHU 152T	Woodworking for Art and Design	4
INTM-SHU 165	Talking Fabrics	4
INTM-SHU 180	Design Expo	4
INTM-SHU 184	Communities & Net Literature	4

INTM-SHU 185	Interactive Fashion	4
INTM-SHU 187T	E-textiles	2
INTM-SHU 190	Collective Methods	4
INTM-SHU 193	Chinese Cyberculture	4
INTM-SHU 194	Global Media Cultures	4
INTM-SHU 195	After Us: Post-human Media	4
INTM-SHU 200	Topics in IMA:	4
INTM-SHU 201	Expanded Web	4
INTM-SHU 202	Media Architecture	4
INTM-SHU 203T	Intro to Movement Practices	2
INTM-SHU 204	Critical Data and Visualization	4
INTM-SHU 205	What is New Media?	4
INTM-SHU 205T	The Artificial: Programming and Planetarity	4
INTM-SHU 206T	Topic: Media Past and Future	4
INTM-SHU 207T	Topic: Al and Culture: Paths of Definition, Paths of Development	2
INTM-SHU 208D	Realtime Audiovisual Performance Systems	4
INTM-SHU 209	This is the Remix	4
INTM-SHU 210	Animation: Traditional Techniques & Contemporary Practices	4
INTM-SHU 211	Animation and Dynamic Surfaces	4
INTM-SHU 212	Sound & Vision	4
INTM-SHU 213	Unmanned Aerial Storytelling	2
INTM-SHU 214	User Experience Design	4
INTM-SHU 215	Machine Learning for New Interfaces	4
INTM-SHU 216	Unsustainable Fashion	4
INTM-SHU 217	Make Believe	4
INTM-SHU 218	Design and Fabrication of Everyday Things	4
INTM-SHU 221	Creating Immersive Worlds	2
INTM-SHU 222	Introduction to Robotics	4
INTM-SHU 223	Programming Design Systems	4
INTM-SHU 224	Unconventional Design+Interactions	4
INTM-SHU 225	Media and Participation	4
INTM-SHU 226	Artificial Intelligence Arts	4
INTM-SHU 227	ABC Browser Circus	4
INTM-SHU 228	Digital + Sculpture	4
INTM-SHU 229	Topics in Computation & Data:	2
INTM-SHU 230	Topics in Computation & Data:	4
INTM-SHU 231	Developing Web	4
INTM-SHU 233	Collaborative Design	4
INTM-SHU 234	Rapid Prototyping	4
INTM-SHU 235	Topics in Art & Design - 2pt	2
INTM-SHU 236	Topics in Art & Design	4
INTM-SHU 238 INTM-SHU 239	Toy Design and Prototyping	4
INTM-SHU 239	Digital Fabrication	2
	Solar Solutions: Considering The Sun in our Digital Future	
INTM-SHU 242	Exhibition: Next	4
INTM-SHU 243	Introduction to Animation	4
INTM-SHU 244	Bio-Inspired Robot Systems	4
INTM-SHU 245	Topics in Experimental Interfaces & Physical Computing - 2pt	2

INTM-SHU 245A	Topics in Physical Computing & Experimental Interfaces:	2
INTM-SHU 246	Topics in Experimental Interfaces & Physical Computing - 4pt	4
INTM-SHU 246A	Topics in Experimental Interfaces & Physical Computing - 4pt	4
INTM-SHU 247	Creative Game Design and Development	4
INTM-SHU 248	Introduction to Assistive Technology	2
INTM-SHU 249	Street Life & Street Food in the 21st Century City	4
INTM-SHU 250	Special Topics in Digital Humanities: Street Food & Urban Farming	4
INTM-SHU 251	Making Maker Education	2
INTM-SHU 251H	Making Maker Education 4pt	4
INTM-SHU 252	The Minimum Viable Product	2
INTM-SHU 253	Creating Assistive Technology	4
INTM-SHU 254	Nature of Code	4
INTM-SHU 255	Topics in Business of Emerging Media	2
INTM-SHU 256	Topics in Business of Emerging Media	4
INTM-SHU 257	Immersive Arts	4
INTM-SHU 257T	VFX in the Age of Virtual Production	4
INTM-SHU 258	Machine Learning for Artists and Designers	4
INTM-SHU 259	Immersive Design for Video Games	2
INTM-SHU 260	Topics in Electronics & Physical Computing:	4
INTM-SHU 261	Data: Code it, Make it	4
INTM-SHU 262	Urban Farming: Technology and Community	4
INTM-SHU 265	Topics in Digital Humanities:	4
INTM-SHU 266	Digital Heritage	4
INTM-SHU 267	The Cultivated City	4
INTM-SHU 268	Acoustic Ethnography of the Yangtze Delta	4
INTM-SHU 270	Generating and Expressing Data	4
INTM-SHU 271	Remade in China	4
INTM-SHU 280	Topics in New Media & Entertainment	4
INTM-SHU 280A	Topics in New Media & Entertainment	4
INTM-SHU 280B	Topics in New Media & Entertainment	4
INTM-SHU 280C	VR / AR Fundamentals	4
INTM-SHU 280D	Realtime Audiovisual Performance Systems	4
INTM-SHU 280E	Topics in New Media & Entertainment	4
INTM-SHU 281	Topics in New Media & Entertainment	2
INTM-SHU 282	Fairy Tales for the 21st Century	2
INTM-SHU 283	Locative Media	4
INTM-SHU 284	Digital Sculpting for Facial Animation	4
INTM-SHU 285	Seminar Topics	4
INTM-SHU 286	Theories and Practices of Transmedia Storytelling	4
INTM-SHU 287	NIME: New Interfaces for Musical Expression	4
INTM-SHU 288	Kinetic Interfaces	4
INTM-SHU 289	Exploring & Creating Sonic Environments	4
INTM-SHU 291	Solar Contraptions	2
INTM-SHU 294	History of Human Computer Interaction	4
INTM-SHU 295	Seminar Topics:	4
INTM-SHU 296	The Planetary: Computation in the Anthropocene	4
INTM-SHU 297T	Synthetic Senses and Sensation	2
INTM-SHU 301	Advanced Lab: Open Project	2
INTM-SHU 303T	Advanced Lab: Shaders	2
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INTM-SHU 304	Advanced Lab: Web Page to Web Space	4
INTM-SHU 305	Advanced Seminar. Hello Metaverse	2
INTM-SHU 350	Advanced Seminar. Media's Material and Environmental Relations	4
INTM-SHU 351	Advanced Seminar. Machine Decision is Not Final	2
PCIX-SHU 101	Creativity Considered	4
PCIX-SHU 102	Experience Studio	2
PCIX-SHU 103	Life Design	4
PCIX-SHU 201	Design Thinking	4
PCIX-SHU 202	Communicating for Influence	4
PCIX-SHU 301	Entrepreneurship Experienced	4
PHIL-SHU 130	Philosophy of Technology: Thinking Machines	4
PSYC-SHU 344	Psychology of Human-Machine Communication and Relationships	4
SOCS-SHU 225	Media and Participation	4
SOCS-SHU 353	Urban Design Studio: Pocket Space in Shanghai	4
WRIT-SHU 240	Storytelling with Data Visualization	4
WRIT-SHU 245	Digital Storytelling: Lessons of the Out of Eden Project	4

Sample Plan of Study

Course	Title	Credits
1st Semester/Term		
CCSF-SHU 101L	Global Perspectives on Society	4
Core Class		4
Core Class		4
Chinese or EAP		4
	Credits	16
2nd Semester/Term		
WRIT-SHU 102	Writing as Inquiry	4
IMBX-SHU 110	Innovation Lab	4
Core Class		4
Chinese or EAP		4
	Credits	16
3rd Semester/Term		
WRIT-SHU 201	Perspectives on the Humanities	4
Emerging Media Foundation	on Course	4
Interactive Media Elective		4
Chinese or Core Course		4
	Credits	16
4th Semester/Term		
ECON-SHU 251	Economics of Global Business	4
BUSF-SHU 250	Principles of Financial Accounting	4
Interactive Media Elective		4
Chinese or Core Course		4
	Credits	16
5th Semester/Term		
Interactive Media Elective		4
Core Class		4
Business Flexible Core		4
Core Course or General Ele	ective	4
	Credits	16
6th Semester/Term		
Interactive Media Elective		4
Business Flexible Core		4
Business Elective		4
Business Elective		4
	Credits	16

	Total Credits	128
	Credits	16
General Elective		4
General Elective		4
Interactive Media Elective		4
IMBX-SHU 401	IMB Capstone 2	4
8th Semester/Term		
	Credits	16
General Elective		4
Business Elective		4
Core or General Elective		4
IMBX-SHU 400	IMB Capstone 1	4
7th Semester/Term		

Learning Outcomes

Upon successful completion of this program, students will:

- Proficiency in the development of interactive media projects from concept to working prototype. They apply skills in interaction design, computational thinking, media production, and/or fabrication.
- Conceptual thinking in the ideation of their work and the pursuit of related research.
- Critical thinking skills that facilitate analysis and placement of their work within various research contexts (i.e., cultural, historical, aesthetic, business, and/or technological.) They use these skills for thesis development, and for drawing research conclusions.
- Visual, verbal, and written communication skills relevant to the development, documentation, and presentation of their work.
- Organization, collaboration, management, and group conflict resolution skills that help them execute interactive media projects within individual and group environments.
- Conceptual and applied knowledge of business fundamentals (i.e., management, marketing, and/or finance) related to interactive media in general, and to their projects in particular.

Policies

Double Major Restrictions

Interactive Media + Business students are not able to double major in any of the following:

- Business and Finance (https://bulletins.nyu.edu/undergraduate/ shanghai/programs/business-finance-bs/)
- Business and Marketing (https://bulletins.nyu.edu/undergraduate/ shanghai/programs/business-marketing-bs/)
- Interactive Media Arts (https://bulletins.nyu.edu/undergraduate/ shanghai/programs/interactive-media-arts-bs/)

NYU Policies

University-wide policies can be found on the New York University Policy pages (https://bulletins.nyu.edu/nyu/policies/).

NYU Shanghai Policies

Additional academic policies can be found on the NYU Shanghai Academic Policies page (https://bulletins.nyu.edu/undergraduate/shanghai/academic-policies/).