2019-2020 Chatham University Course Catalog

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1. Correcting curriculum requirements in the Master of Interior Architecture (MIA) Program

- IAR514 Digital Visualization 1 is a program requirement
- IAR535 is no longer a program requirement.
- IAR559 is renamed IAR561 History of Interior Architecture: Prehistory to 19th Century
- IAR557 is renamed IAR562 History: 20th and 21st Century Architecture
- IAR616 Portfolio is a program requirement.
- IAR630 is retitled IAR630 Construction Systems and Methods
- Students may now choose IAR641 Internship or an approved elective as a program requirement.
- IAR650 Capstone Studio is reduced from 6 credits to 3 credits

2. Updating language on RN-to-BSN

This Narrative

For the RN-to-BSN students some general education credits will be satisfied via articulation agreement with their school of nursing. Thus students many not be able to see a credit-for-credit course satisfaction for general courses on their transcript.

To be replaced with this narrative

Students graduating with a BSN degree may:

- Satisfy some general education credits via articulation agreement with theirschool of nursing.
 Students may not be able to see a credit-for-credit course satisfaction for general education courses on their transcripts.
- Have more than two classes fulfill both a requirement in the major and a general education requirement.

3. Course number and description change: FDT369 to FDT469 (3 credits)

Effective in Spring 2020, FDT369: Interactive Strategies has been renamed and renumbered to FDT469: Advanced Visual Effects.

New Description

This course provides an advanced study in developing and executing visual effects for live action film. The course explores the history of special and visual effects by studying practical special effects that can be accomplished in camera, introducing color correction and grading, and mastering the advanced functions of Adobe After Effects. As it pertains to live action visual effects. As in previous courses, emphasis will be on identifying how visual effects can enhance the story, solve on set problems, and contribute to the overall production value of a film.

Additional Prerequisite Added: FDT421 – Digital Animation and Compositing

4. Adjustments to Select Policies in Specified Terms in Response to Covid-19

Undergraduate Grading

For the 20SP2 and 20SP3 semesters, Chatham University undergraduate students were given the opportunity to change assigned letter grades of C- or above to P (pass).

Transfer Credit

Normally, for incoming transfer students, only courses with grades of C or above are accepted for credit. However, because of the variation that exists among institutions, Chatham will accept grades of C- or better, or P or S grades that are defined as C- or better, for classes taken in 20SP only at other institutions. If the policy at the student's former institution allows D grades to count toward P (Pass) designations, the student has the opportunity to provide supplemental information (e.g. confirming email from the appropriate faculty member) to show that grade was in Chatham accepted range.

Courses with "F," "No credit," "NP,""US,""Z" grades, or similar equivalents are not transferrable.

5. Clarifying the Master of Science in Nursing: Leadership Track Course List

The Leadership Track had two courses cut off in the copy of the course catalog. The full list is here:

Leadership Track (15 Credits)

NUR630	Health Care Economics and Financial Management	3
NUR640	Leadership for Change	3
NUR650	Leadership and Health Care Operations	3
NUR660	Health Care Leadership Practicum	3
NUR670	Healthcare Leadership Capstone	3

6. Clarifying the OTD Fast-track Program

The OTD Fast-track program is available to certain students who complete their MOT at Chatham University. Students in the OTD Fast-track program are required to take 27 credits, compared with the normal 30 for the OTD program. Fast-track students are not required to take OTD742, since they have already completed OTH601 at Chatham.

7. Clarifying the Master of Sustainability Program Requirements

Master of Sustainability

Required Credits: 42

Required Core MSUS Classes (27 credits)

SUS504	Foundations of Sustainability (3)	Fall
SUS601 SUS619	Applied Ecology (3) or The Water's Edge: Science andPolicy from Summit to Sea (3)	Fall
SUS603 SUS514	Sustainability: Ethics, Equity, Justice (3) or Sustainable Cities (3)	Fall
SUS602	Political Economy of Sustainability (3)	
SUS621	Using the Scientific Method to Craft Research (1)	Spring
SUS694	Research Methods in Context (1)	Spring
SUS695	The Research Proposal (0)	Spring
SUS696	Solution Based Learning I (2)	Spring
SUS605	Leadership for Transition to Sustainability (3)	Fall
SUS697 SUS 692	Solution Based Learning II or Internship (2)*	Summer or Fall
SUS698	Thesis Project (3)	Spring
COM515	Environmental Communications (3)	Spring

^{*}Students have the option to complete a 70-140-hour placement in a professional or research setting. Ideally, this will be done for 5-10 hours/week over a 14-week period during the summer following the first year of the program although a fall or spring semester internship is permissible. A hybrid experience is also possible.

Concentration Electives¹ offered by the MSUS Faculty

Students are required to take 12 credits in a concentration.

¹MSUS Program coordinator/director can approve additional classes from the Falk School, other departments and schools to meet the MSUS track elective on a case-by-case basis. Classes must demonstrate substantial content covering knowledge or methods applicable to specific track.

BUS570	Global Business
BUS575	Leading Organizations and Projects
BUS577	Information Systems and Analytics
FST508	Food Systems
FST509	Food Access
FST512	Practical Nutrition

SUS502	Sustainability and Systems
SUS512A,B&	CSustainability in Pittsburgh
SUS514	Building Sustainable & Resilient Cities
FST518	The Business of Food and Agriculture
FST522	GIS: Food and Agriculture
FST620	Research in Food and Agriculture
SUS607	Applied and Green Innovation
SUS617	Sustainable Energy Systems
SUS640	Sustainable Community Development
SUS683	LEED Certification
SUS693	Independent Study
BUS552	Managing Non-Profit Organizations
BUS58	Foundations of Project Management
BUS639	Sustainable Assessment and Reporting
FST613	Community Research: Food and Health
FST625	US Agricultural Policy
SUS516	Sustainable Decision Analysis
SUS521	Ecotoxicology and Environmental Health
SUS508	Environmental Statistics
SUS517	Climate Change & Sustainability
SUS526	Sustainable Aquaculture
SUS562	Economics of the Environment
FST518	The Business of Food and Agriculture
FST522	GIS: Food and Agriculture
FST620	Research in Food and Agriculture
SUS607	Applied and Green Innovation
SUS617	Sustainable Energy Systems
SUS640	Sustainable Community Development
SUS683	LEED Certification
SUS693	Independent Study
BUS552	Managing Non-Profit Organizations
BUS582	Foundations of Project Management
BUS639	Sustainable Assessment and Reporting
FST613	Community Research: Food and Health
FST625	US Agricultural Policy

SUS516	Sustainable Decision Analysis
SUS521	Ecotoxicology and Environmental Health
SUS508	Environmental Statistics
SUS517	Climate Change & Sustainability
SUS526	Sustainable Aquaculture
SUS562	Economics of the Environment
SUS625	Restorative Environmental Justice
FST520/L	Basic Agroecology with Lab
SUS619	The Water's Edge

Method Electives (3 credits)

Students are required to take 3 credits of a method from the following list. Note classes cannot double count for a concentration and an elective. Students can also suggest classes not on the list (see footnote on approval).

BUS652	Managerial Accounting	
BUS577	Information Systems and Analytics (online)	
FST522	GIS: Food and Agriculture	
SUS502	Sustainability and Systems	
SUS683-1	LEED Certification	
BUS639	Sustainable Assessment and Reporting	
SUS508	Environmental Statistics	
SUS512A,B&C Sustainability in Pittsburgh		
SUS 516	Sustainable Decision Analysis	
SUS 521	Ecotoxicology and Environmental Health	
FST520/L	Basic Agr Ecology with Lab	
SUS619	The Water's Edge	

Please note:

- Students may take more electives
- Students are not limited to electives listedin SUS

Method focused Independent study

• Up to six hours of internship credit may count towards the area of specialization

MSUS Learning Outcomes

Know Sustainability Broadly and Deeply

Students will develop broad foundational knowledge with deeptopical knowledge in one area of sustainability

Solve Practical Sustainability Problems

Students will learn professional tools and practical and creative problem-solving skills to implement sustainability solutions

Communicate Sustainability Clearly

Students will learn to effectively communicate sustainabilityproblems, solutions and opportunities to a broad base of stakeholders

Lead and Follow on Sustainability

Students will gain the ability for transformative leadership, teamwork, and collaboration on sustainability problems and opportunities

Understand Sustainability to Achieve well-being

Students will acquire a holistic understanding of complex systems for the purpose of achieving individual, environmental, community, and economic well-being in one or more UN Sustainable Development Goals.

8. Change in required courses for MSUS/MB

SUS511 is no longer required, and the 3 required credits are replaced as such:

Removed Requirement

SUS511 Project Design, Methods, and Evaluations

3

New Requirement

SUS621 CC1 Applied Methods 2
SUS512A Sustainability in Pittsburgh 1

SUS699CC1 is no longer required, and the 3 required credits are replaced as such:

Removed Requirement

SUS699 CC1 Advanced Seminar in Sustainability 3

New Requirement

SUS512B Sustainability in Pittsburgh 2
SUS691 Internship 1

9. Replacing PSY503 in the PSYD Curriculum

PSY503 in the PSYD and MA programs is now an elective course. The 3 required credits are replaced with PSY807 or PSY605.

10. IDP Leave of Absence Policy

Integrated Degree Program (IDP) students who choose to take a temporary leave of absence from their academic degree programs must receive approval from their Advisor and Graduate Program Director. If approved, they will be permitted to take up to a one calendar year leave from the date of last enrollmentin their Program(s). Students must follow protocol for Withdrawal from the University. Upon return, the student may be required to meet the requirements under the catalog in effect at the time of readmission.

11. Introducing the Accounting concentration for the MBA program

The Master of Business Administration (MBA) program has an additional concentration in Accounting that was not represented in the published catalog. That concentration is as follows:

27 Required Credits + 9 Elective Credits

Required 3 **BUS570 Global Business BUS576 Sustainable Human Capital** 3 **BUS577** Information System and Analytics or ACT58 Accounting Information Systems (3) **BUS618 Economics for Managers** 3 **BUS652** Managerial Accounting or ACT625 3 **Cost Analysis BUS671 Marketing Management** 3 **BUS672 Corporate Finance** 3 **BUS698** Strategy and Entrepreneurship 3 **BUS699 Business Consulting Capstone** 3 Electives (select 3 of the 4 listed for a total of 9 credits): **ACT512 Auditing** 3 **ACT620 Advanced Financial Accounting** 3 ACT630 3 Corporate Tax Accounting & Planning ACT540 **Government & Non-Profit Accounting** 3

12. Correcting the list of requirements for the Entry-Level Doctor of Occupational Therapy program(OTD)

The following two courses were omitted from the list of degree requirements starting on page 927:

OTH778	Outcomes and Measures	3
OTH780	Education Theory and Instructional Design	3

13. Curriculum for Immersive Media Major (material was omitted from the 2019-2020 Catalog)

Formal Description

The Bachelor of Immersive Media (IMM) program prepares individuals, to use computer applications to create interactive content for a variety of digital platforms, including visualimaging techniques. Rooted in design thinking, technical mastery, and creativity, the IMM program prepares students to be cross-discipline creative professionals who have access to workin some of the world's most exciting fields including commercial, industrial and entertainment. This is an interdisciplinary program in that equips students with knowledge in digital copy, film,

interior architecture, 3d modeling, game development engines, writing, music and fine art courses that prepare students to create worlds that simulate real-world content' Students will blend industry standard design practices, and artistic methods, computer programming and CADapplications with innovative technology to create experiences in gaming, architecture, software, entertainment, and a variety of other industries looking to create interactive content.

Required Courses

IMM103 Immersive Media I

Students learn advanced immersive environment design processes and technology by learning how to deploy projects for a variety of immersive platforms. Projects will focus on using immersive technologies to explore the built and natural environment.

IAR105 Environment and Behavior

Intended for interior architecture majors or potential majors, this course introduces students to significant theories concerning the interaction of people and interior architecture. Emphasis is placed on shared human needs and differences based on age, culture, gender, and occupation.

IMM202 Immersive Media II

Students learn advanced immersive environment design processes and technology by learning how to deploy projects for a variety of immersive platforms. Projects will focus on using immersive technologies to explore the built and natural environment.

IAR202 Theory of Interior Architecture

This course is intended only for majors or potential majors and cultivates the ability to use formal architectural ordering to develop creative abstract designs that translate into three dimensional compositions of space and form. Architectural theories and manifestos are explored through process tools and applied utilizing design exercises and projects.

3

3

IAR214 Digital Visualization I

This course explores design principles related to color theory, typography, branding, web design, print design and layout relative to portfolio design, interior design presentation, communication, and development. This course also explores basic human centered design and product design principles as a basis for portfolio and visual design. This course is designed to aid and mentor students in assembling a design portfolio for their academic and professional work. Students will learn graphic design techniques for both print and web including basic tools in Adobe Creative Suite.

CMP202 Introduction to Programming

3

IMM220 Studio I – User Experience for IMM

3

Students learn 3D modeling techniques for environmentdesign, interface and user experience design, and prop design. Using both traditional 3D modeling software and immersive 3D modeling software students will create a variety of 3D models and interfaces for use in immersive experiences. Preg. IMM202 and IMM215

IAR261W History of Interior Architecture: Prehistory to 19th Century

3

This survey course examines world architecture from prehistoric times through the 19th century, including the builtenvironment of Europe, the Middle East, Asia, and the Americas. Emphasis is placed on the role of interior spaces, furnishings, and art within architecture.

IAR262W History: 20th and 21st Century Architecture

3

This course is designed to relate the impact of architecture on both public and private spaces throughout the twentieth century and provide a view towards the future of architecture in the twenty-first century. The course will guide you through the major styles of architecture of the twentieth century and investigate the socio-historic context of the works and determinants of that architecture. Emphasis will also be placed on the interior spaces, furnishings and the arts and artists of the day.

ENG242 Introduction to Creative Writing

3

IMM240 Immersive Design Seminar

3

IMM250 Human Centered Design

3

Students will learn the principles of human centered design in order to develop empathy for the people they design for. They will use HCD methods to generate ideas; build prototypes; share their designs; and create a project informed by their designs.

IMM215 Programming for Immersive Experiences

3

This course provides an introduction to programming for immersive experiences using real-time software and programming languages. Students will learn interaction scripting, game engine class structures, planning and documenting a significant programming project, learn to work on a programming project in teams, and learn to use industrystandard development tools. Preq. IMM103

IMM310 Studio II – Architecture and Environments

6

Students apply knowledge gained from introductory Immersive Media and design courses to create immersive environments informed by architectural theory. This course willleverage a variety of 3D, immersive, and game engine software. Prereg. IMM220

IMM370 Studio III – Simulation and Training

6

This course will allow students to explore how to leverage the unique capabilities of immersive technologies for simulation and training Students will engage with theory and best practices for creating compelling simulated experiences for a variety of applications.

IMM405 Studio IV – Prototyping for Advanced Systems

6

Students will be given the opportunity to develop immersive experiences for high-end, experimental, and prototype equipment that is only available to students in this course and later studios. Students will learn how to work with complex immersive equipment systems and early access software in a collaborative studio environment.

IMM455 Studio V: Ethics and Access

IMM470 Immersive Design Research

3

This course gives students an opportunity to conductresearch using human centered design methods and research methods to craft a plan for their final semester Studio VI course.

Preg. ENG355 AND IMM220 AND IMM250

INTIMM303 Internship

3

IMM490 Studio VI: Integrated Capstone

3

14. Correction to IAR (undergraduate) requirements

The following requirements were incorrectly included in the Catalog for the IAR degree and should NOTbe considered part of the degree requirements for IAR: ENG355 Advanced Writing and Stylistics 3cr.

IAR213 Special Topics

3

3 Courses from any program

9

15. Correcting the list of requirements for the BA Communications: Public Relations degree

BA Communications Public Relations

2019-2020 AND 2020-2021 Requirements:

Communication Major Core

COM101 Foundations of Human Communication

ART141 Media Literacy

COM106 Media & Society

COM209 Intercultural Communication: Values & Ethics

COM234W Persuasion

COM313 Special Topics INTCOM303: Internship

COM490 Integrative Capstone Seminar

FDT300W Critical Theory

Public Relations Concentration

ART152 Photography II: Intro to Digital Photography

COM245 Design Praxis

COM260W Introduction to Public Relations

COM261 Web Design I: Code + Aesthetics

COM360 Advanced Public Relations

FDT150 Introduction to Digital Video Production

16. Correcting the academic advising checklist for Creative Writing BFA.

- ENG100 should be added as a required course
- ENG245 should be deleted from the list of required courses

17. Correction to BA Accounting, International Business, Management, and Marketing

- Catalog lists BUS272 OR BUS312. Remove "OR BUS312"
- BUS310W not in catalog. Should be listed as one of the required courses.

BA International Business

Choose 2 approved electives from the following list. Courses missing are: BUS327 Global Marketing, BUS462 Global Procurement, SUS470 Corporate Social Responsibility

BA Marketing

Currently lists 5 required courses. Should list:

2 required courses for Marketing concentration

BUS244 Consumer Behavior

BUS445 Marketing Strategy

Select from list of 3 Approved Electives

BUS327 Global marketing

BUS350 Advertising and Promotion

BUS496 Digital Marketing

COM234 Persuasion

SUS470 Corporate Social Responsibility

18. Correction to secondary education certification courses

Page 674 of the 2019 catalog secondary certification is incorrect

EDU 104	Perspectives on Education	3
PSY 351	Childhood and Adolescence	3
EDU 205	Classroom Strategies for Teaching English Language Learners	3
EDU 219W	Cognitive Learning Theories	3
EDU 234	Inclusion: Issues and Strategies	3
EDU 241	Pedagogical Practices	3
EDU 400	Data-Driven Instructional Decisions	2
EDU 409	Differentiated Reading and Writing	3
EDU 415	Secondary School Curriculum	3

EDU 416 or 417 or 418 or 419 Methods of Teaching Secondary English or

	Social Studies or Science or Math	3
EDU 430	Diverse Family and Community Relationships	3
EDU 431	Assessment and Adaptation	3
INT (EDU 423)) Internship/ Student Teaching	9

19. Correction to plan of study for PreK-4 Education

In 2019-2020 plan of studies for PreK-4 is missing two courses.

EDU 227 Literacy

This course is designed to equip graduating teachers to produce readers who are successful in the classroom and on standardized tests and use reading effectively to negotiate the world through the presentation of theory, research and practical strategies associated with the teaching of literacy skills. For the purposes of this course, literacy will be defined as one's ability to use language in order to listen, speak, read and write across the curriculum.

EDU 423 Student Teaching

20. Correction to BS Environmental Studies

- BIO303LW is missing
- GIS course code is incorrect (SUS352)

21. Correction to Exercise Science requirements

Under Major Requirements, the number of credits should change from 47 to 54

The following courses should be added to the list of requirements

CHM102L Chemistry I lab

EXS301 Critical Appraisal of the Lit

BIO385 Pathophysiology as option instead of EXS426 for students in the AT program

Requirements for PA, PT, and OT students can be removed (recommendations, not requirements)

22. Addition of Forensic Social Work Certificate

Forensic Social Work Certificate

The certificate in Forensic Social Work offered by Chatham University is a multi-disciplinary program designed to equip students with social work skills, knowledge and principles within the context of the American criminal justice, mental health and child welfare systems. Students earning a certificate will be prepared to take on leadership roles within their specialized fields. The goal of the program is to foster world-ready graduates committed to social justice equality, who possess the professional knowledge, skills and experience to become change makers with their organizations, communities, and in society at large. The

program is open to undergraduate students and requires 18 credits to complete, including an internship and capstone.

Courses

<u>Foundation</u>	Course (choose one)	
CRM101	Introduction to Criminal Justice	3
SWK102	Introduction to Social Issues, Women and Social Work	3
Required Co	<u>purses</u>	
SWK/CRM224	Juvenile Justice	3
INTCRM303	Internship (or approved Internship course)	3
CRM/SWK/PS	Y490. Forensic Social Work Capstone (or approved Capstone course)	3
Electives (ch	noose two)	
CRM 220	Women and the Criminal Justice System	3
CRM 225W	Criminology	
CRM 305	Law Enforcement and Criminal Investigations	
CRM 313	Special Topics	3
CRM 320	Criminalization of Mental Illness	3
CRM332	History of Crime and Punishment	
CRM 340	Violent and Predatory Crimes	3
CRM/PSY362	What is Evil?	3
PSY 331	Social Psychology	3
PSY 333	Abnormal Psychology	3
PSY 340	Psychopharmacology	3
SWK 201W	Human Behavior in the Social Environment I	3
SWK 202	Human Behavior in the Social Environment II	3
SWK 321	Social Welfare and Social Justice	3
SWK 325	Deviant Behavior	3
SWK 351	Practice 1: Interviewing and Assessment with Families	

23. Corrections to Requirements for Arts Management and Visual Arts: Studio Arts Concentration majors

Arts Management

- BUS105 is a required course
- ART490 is a required course

Visual Arts: Studio Arts Concentration

- ART115 is a required course
- ART205 is a required course

24. Corrections to BS Biology

BS Biology: Human Biology

Missing requirements

- BIO209LW
- BIO221LW
- CHM109L
- CHM110L
- CHM205
- CHM215L

Remove one required 3 credit elective

BS Biology: Cellular and Molecular Biology

Missing requirements

- BIO440LW
- CHM109L
- CHM110L
- CHM215L

PHY courses are listed at 200-level

- PHY251, needs to be changed to PHY151 or PHY251
- PHY252, needs to be changed to PHY152 or PHY252
- PHY255, needs to be changed to PHY155 or PHY255
- PHY255, needs to be changed to PHY152 or PHY255
- Addition of Forensic Social Work Certificate

25. Change to Business Interdisciplinary Major Requirement

BUS310W Business Analytics: Research Methods added to Interdisciplinary Majors in accounting, economics, international business, management, management information systems, and marketing. There is no change to the required major credits.

26. Change to BUS310W course description and addition of BUS110 as prerequisite

- The course description for BUS310W changed (no change in course content)
- BUS110 was added as a prerequisite option and designated a writing intensive course