

REPORT
of the
SENATE COMMITTEE ON CURRICULA
23 March 2016

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Page

I.	NEW COURSES	
	College of Arts and Sciences.....	1
	College of Engineering and Computer Science	3
	College of Visual and Performing Arts	4
	School of Education.....	5
	Maxwell School of Citizenship and Public Affairs.....	6
II.	COURSES CHANGED	
	College of Arts and Sciences.....	6
	College of Sport and Human Dynamics	10
	College of Visual and Performing Arts	11
	Maxwell School of Citizenship and Public Affairs.....	14
III.	REVISED PROGRAMS	
	College of Engineering and Computer Science	15
	College of Sport and Human Dynamics	18
	College of Visual and Performing Arts	18
	Maxwell School of Citizenship and Public Affairs.....	20
IV.	NEW MINORS	
	College of Sport and Human Dynamics	21
V.	NEW PROGRAMS	
	College of Sport and Human Dynamics	23

Submitted to the Senate for its approval:

I. NEW COURSES

College of Arts and Sciences

BIO 432 Global Change Ecology Laboratory (3)

Plant, soil, and ecosystem properties associated with climate change will be examined. Students will write reports based on interpretation of analyses conducted on data gathered in the Climate Change Garden and off-campus study sites. Prereq: BIO 345

BIO/SCI 221 Peer Led Team Learning Leadership Training I (1-2)

Training and experience in peer leadership for the first semester of an undergraduate course sequence in which the student has previously earned a grade of B or higher. Applies concepts aligned with the associated course to problem solving activities.

BIO/SCI 223 Peer Led Team Learning Leadership Training II (1-2)

Training and experience in peer leadership for the second semester of an undergraduate course sequence in which the student has previously earned a grade of B or higher. Applies concepts aligned with the associated course to problem solving activities.

CSD 624 Clinical Techniques - Language Disabilities of Early Childhood (1)

Application of techniques used in the assessment and treatment of young children with language disabilities. Practice of computerized analysis of language samples, standardized and informal assessment, and interventions for young children and their families. Coreq: CSD 650

CSD 726 Neurogenic Communication Disorders I (3)

Neuroanatomy, neurophysiology of motor and language systems. Characteristics and differential diagnosis of aphasia, apraxia, and dysarthria. Strategies to assess language and cognition in adults with acquired neurological disorders. Prereq: CSD 315 or CSD 615

CSD 727 Neurogenic Communication Disorders II (3)

Assessment of motor speech disorders and treatment of neurogenic communication disorders including aphasia, apraxia, and dysarthria. Application of basic principles of motor learning in treatment of motor speech disorders. Prereq: CSD 726

CSD 732 Clinical Techniques - Language Disabilities of School Age Children (1)

Application of techniques used in the assessment and treatment of school age children with language disabilities. Computerized analysis of language samples, standardized and informal assessment, and interventions for oral and written language. Prereq: CSD 650

EAR 612 Water--Energy Seminar (1)

A forum for learning about and discussing research at the water--energy interface, to network with visiting professionals, and know others working in related fields. Participants review and discuss papers and host visiting lecturers.

ECN 303 Microeconomics for Managers (3)

Extends tools developed in introductory economics to decision making by firms. Topics: optimal production & pricing; basic game theoretic approaches to modeling non-cooperative behavior; incentives/contract theory; analysis of markets under asymmetric information. Prereq: ECN 203

ECN 367 Economics of Globalization (3)

Globalization history; trends; trade pattern determinants; gains from trade; protectionism; trade's impact on labor, poverty, environment etc; foreign direct investment; offshoring; trade policy formulation; trade agreements; fair trade; immigration; arguments for and against "leaner" globalization.

HOM 374 The Beatles and British Culture (3)

The Beatles as musicians and songwriters; their influence on current artists and filmmakers; their ongoing impact on online fan culture; and the British cultural milieu of the 1950s and 60s.

HST 301 Practicum in the Study of History (3)

Introduces new History majors to the discipline. Students will learn about historical evidence and its analysis; how to ask and answer historical questions; to construct and critique historical arguments; to find primary and secondary sources.

HST 350 The Global Cold War (3)

Examines the Cold War rivalry between the United States and the Soviet Union from a global perspective.

HST 381 Genocide, Atrocity, and Political Violence in the Modern World (3)

Course examines: definitions and interpretations of genocide; case studies of mass killing and atrocity in multiple global contexts during the twentieth century (Armenia, Cambodia, Holocaust, Rwanda, Soviet Union, and others).

HST/MES 317 The Arab Revolutions (3)

An exploration of the social, economic, and political histories of select Arab countries since independence to understand the contexts and reasons for the revolutions that began in 2011.

HST/MES 374 Popular Culture in the Middle East (3)

An exploration of history, social change, and culture in the Middle East through film, music, television, sports, and the internet. Focused on the average citizen asking questions about gender roles, youth culture, and national identity.

PSC 320 Comparative Law and Courts (3)

Aims to familiarize students with major legal traditions of the world. Among the legal systems to be covered are the Common Law, Civil Law, Islamic Law, and African and Asian legal traditions.

PSC/HST 420/620/IRP 320 The East Asian Century? Opportunities and Challenges for the Region & the US (3)

Examines the trajectories of and interactions between China, Japan, and Korea, with a focus on the implications of these developments for the region and the United States.

PSC 478 Politics of China (3)

Offers an inside look into the domestic politics and foreign policy ambitions brewing inside a fragile but increasingly assertive China.

REL 108 Religion and Its Critics (3)

A study of modern critics and critiques of religion and their contemporary significance, especially in relation to current media as modes of critique.

REL 193 Extreme Religious Experience (3)

An exploration of extreme religious experiences, such as asceticism and mysticism, and their relations to other extreme experiences, such as sports.

REL 322 Martyrs & Saints in Christian Tradition (3)

Explores what it means, within Christian tradition, to give embodied witness to one's faith, focusing on literary representations of martyrs and saints from antiquity, as these continue to reverberate through contemporary culture.

REL 685 Buddhism, Culture, Modernity (3)

Explores the diversity of adaptations by Buddhist adherents to the global condition of modernity and the ways in which modernity has created what we think of as Buddhism today.

REL 698 Anthropology of Religion (3)

Surveys contributions to theories by anthropologists on the role of religion in societies from the founding of the discipline to the present day.

REL/JSP/LIT 239 Jewish Humor and Satire (3)

Introduction to Jewish humor and satire, focusing on American and Yiddish fiction and film. Informed by Freudian theories, analysis of literary works, stand-up comedy, early Yiddish movies, and American films.

REL/QSX 323 Christianity and Sexuality (3)

Explores the highly contested terrain of Christian understandings of sexuality, with emphasis on the role of the Bible, doctrinal tradition, and the entry of new voices into the conversation.

College of Engineering and Computer Science

MAE 333 Data Analysis for Engineers (3)

Collecting and pre-processing engineering data. Analysis of engineering data. Probability distributions and inferences. Estimation. Engineering experimental design. Engineering applications such as curve fitting, error analysis, statistical process control and reliability. Computational tools for data analysis. Prereq: MAT 397

CEN 687 Advanced Chemical Engineering Design (3)

Chemical Engineering Masters Project, to be completed by each student as an individual advanced design project, involving a chemical process synthesis. Students are expected to apply mathematical and engineering concepts to complete the design calculations.

College of Visual and Performing Arts

AIC 201 Special Topics Workshop in Arts in Context (1-3)

Workshops connecting themes and issues in art, theories and practices.

APH 265 Beginning Seminar in Photography (3)

Introduces concepts to help sophomore majors develop independent, research-driven photographic projects. Students will be exposed to a wide array of ideas that form the foundation of contemporary, image-based practices. Prereq: APH 261 and APH 262

ARI 361 Painting Studio II (3)

Continued studio development of ideas objects, self-critical attitude, and approach to painting.
Prereq: ARI 261

ARI 365/665 Objective Painting (3)

Investigation through painting of object-based subject matter. Additional work required of graduate students.

CRS 668 Social Movement Rhetorics (3)

Offers theoretical and critical inquiry into the rhetoric of social movements through diverse interdisciplinary scholarship and case studies.

DRA 108 Musical Theater Vocal Techniques for Non-Majors I (1)

Private instruction in musical theater vocal techniques for non-majors. Development of vocal timbre, range, appropriate repertoire selection, and audition technique.

DRA 118 Vocal Techniques for Musical Theater Majors I (1)

Private instruction in vocal techniques. Development of range, register balance, vocal timbre and musicianship as required for the diverse styles of the musical theater repertoire.

DRA 151 Foundations of Musical Theater (2)

Building music literacy skills for the Musical Theater actor, including rhythms, intervals, keys, and score reading, for application to the development of theatrical storytelling. Coreq: DRA 161

DRA 153 Introduction to Musical Theater Literature (3)

Reading and analyzing librettos, lyrics, and scores of common and critical Musical Theater repertoire.

DRA 161 Musical Theater Practicum I (2)

Voice and health maintenance, International Phonetic Alphabet, solo song interpretation, lyric and music analysis, rudiments of ear-training and sight singing. Prereq: DRA 118 and DRA 151

DRA 162 Musical Theater Practicum II (2)

Aural skills for music learning, solfege, lyric and musical analysis, solo and ensemble song interpretation and performance. Prereq: DRA 161 Coreq: DRA 118 and DRA 153

DRA 218 Vocal Techniques for Musical Theater Majors II (1)

Private instruction in vocal techniques. Development of range, register balance, vocal timbre and musicianship as required for the diverse styles of the musical theater repertoire.

DRA 251 Foundations of Musical Theater II (1)

Advanced music literacy skills for the Musical Theater actor. Part-learning for ensemble singing. Prereq: DRA 151 and DRA 162 Coreq: PNO 120

DRA 308 Musical Theater Vocal Techniques for Non-Majors II (1)

Private instruction in advanced musical theater vocal techniques for non-majors. Development of vocal timbre, range, appropriate repertoire selection, and audition technique.

DRA 318 Vocal Techniques for Musical Theater Majors III (1)

Private instruction in vocal techniques. Development of range, register balance, vocal timbre and musicianship as required for the diverse styles of the musical theater repertoire.

DRA 418 Vocal Techniques for Musical Theater Majors IV (1)

Private instruction in vocal techniques. Development of range, register balance, vocal timbre and musicianship as required for the diverse styles of the musical theater repertoire.

MUS 601 Museum Preparation & Installation (3)

Introduction to the basics of art and object handling, installation techniques, object preparation, passive conservation, matting, framing, storage, shipping. New technologies and contemporary practices, including projection, lighting, and sound installations.

MUS 602 Museum Graphics & Communications (3)

Introduction to fundamentals of design and production of museum and exhibition graphics, promotional materials and communication strategies for exhibitions and the museum as a whole. All software is standard to current design industry practices.

School of Education

EDU 915 Teaching and Leadership for Social Justice (3)

Doctoral seminar exploring the writing of classic and contemporary educators who have had significant impact on the development of educational thinking, policies, and practices that promote democratic schooling and social justice.

EED 445 Inclusive Early Childhood Education Integrated Methods and Curriculum (6)

Integrated whole-child approach to early childhood pedagogy, research, methods and curriculum. Working from young children's interests and developmentally appropriate practices, integrating language, literacy, math, science, social studies and early childhood special education. Prereq: EED 336 Coreq: EED 446

EED 446 Inclusive Early Childhood Special Education PreK Field Experience (3)

Full-day practicum field experience (25 or more days) in a pre-school setting. Plan and implement developmentally appropriate teaching-learning experiences for children with diverse needs, integrating literacy, math, science and social studies. Approval for Block 3 required. Coreq: EED 445

Maxwell School of Citizenship and Public Affairs

GEO 605 Writing Geography (3)

Workshop on academic writing for geographers. Students exposed to the techniques of scholarly writing and practices of creative nonfiction.

GEO 422/622 Water: Environment, Society and Politics (3)

Critical geographical analyses of inter-connected and cross-scalar role of water in environment, society, politics and economy globally. Investigates various water-society relationships, water governance, policies, crises, struggles, controversies, conflicts, and water justice, in theory and practice. Additional work required of graduate students.

GEO 426/626 Environmental Change in the Anthropocene (3)

Investigation of the roots of the Anthropocene as a concept and a geologic epoch; examination of human drivers of and interactions with global environmental change. Additional work required of graduate students.
Prereq: GEO 103 or GEO 155 or GEO 215

PAI 732 Collaborative and Participatory Governance (3)

Provides foundation in collaborative and participatory governance to equip students to produce and consume related processes, tools, and approaches.

PAI 750 Managing Interpersonal, Group and Systemic Conflict (3)

Introduces concepts, skills, and processes used by collaborative managers to achieve results. Students learn skills and processes needed to manage conflict or lead collaboration at the individual, group, and organizational and system levels.

PAI 770 Climate Change: Science, Perception, and Law (3)

An interdisciplinary exploration of the challenges posed by climate disruption and how to face this most pressing of issues.

II. COURSES CHANGED

College of Arts and Sciences

From: AAS 367 Protest Movements and African American Artists 19th and 20th Centuries (3)

Influences, trends, and social significance of selected visual art expression and philosophies that were designed to re-inforce or effect social change for blacks from slavery to the present.

To: [title, description] Protest Movements and African American Art and Literature

Influences, trends, and social significance of selected fiction, non-fiction, poetry, drama, cinema, and musical expression and philosophies that were designed to re-inforce or effect social change for blacks from the early republic to the present.

From: AAS/ANT 112 Introduction to African American Studies in the Social Sciences (3)

Historical and sociopolitical materials. Approaches to studying the African American experience, antecedents from African past, and special problems.

To: [title] Introduction to African American Studies

From: BCM 475/675 Biochemistry I (3)

Structure and function of nucleic acids and proteins. Protein isolation and characterization. Enzyme kinetics, mechanisms, and regulation. Principles and application of thermodynamic concepts to metabolism. DNA replication, transcription, and translation. Students enrolled in 675 will be required to present a special topic lecture or complete a research paper. Prereq: CHE 325

To: [description, remove double #] BCM 475

Structure, function, isolation, and characterization of nucleic acids and proteins. Enzyme kinetics, mechanisms, and regulation. DNA replication, transcription, and translation. Metabolic pathways of glycolysis and respiration, and application of thermodynamic principles to them.

From: BCM 476/676 Biochemistry II (3)

Continuation of Biochemistry I. Mechanisms, integration, and regulation of intermediary, autotrophic, nitrogen, and energy metabolism. Structure, function, and metabolism of carbohydrates, lipids, and proteins. Biogenesis and function of subcellular organelles. Students enrolled in 676 will be required to present a special topic lecture or write a research paper. Prereq: BCM 475

To: [description, remove double #] BCM 476

Continuation of Biochemistry I. Regulation of gene expression. Protein synthesis and degradation. Structures and metabolism of lipids. Biochemistry of selected systems chosen from: photosynthesis; motor proteins; sensory and immune systems; transmembrane transport; human energy metabolism.

From: BIO 421 Seminar in Biology (3)

Junior/ senior level elective provides students the opportunity to read and analyze one area of the primary biological literature in depth. Analysis will take the form of papers, seminar presentations, and discussion of material presented during seminars.

To: [title, description] Capstone Seminar in Biotechnology

A seminar course for upper-level students, particularly (but not limited to) students completing a major in Biotechnology. Evaluation of scientific papers, current news stories, and biotechnology related issues.

From: CHE 799 Seminar in General Chemistry (1)

To: [add description, grading] (A-F to Pass/Fail)

Aims to raise student awareness of current cutting-edge topics in the chemical sciences and expose students to active researchers in the chemical community by attending research seminars in the department.

From: CSD 427/627 Articulation Disorders (3)

Overview of normal articulation and development. Characteristics and description of articulation disorders. Incidence, etiology, related factors. Differences versus disorders. Principles of assessment, types of diagnostic instruments. Elements involved in therapy, various approaches to remediation. Additional work required of graduate students. Prereq: CSD 316/616

To: [title, description, prerequisite] Speech and Language Disorders in Children

Overview of spoken language development. Characteristics, incidence, etiology of childhood speech sound disorders and language impairment. Differences versus disorders. Principles of assessment and diagnosis. Elements of therapy, approaches to remediation. Additional work required of graduate students. Prereq: CSD 316/616 and CSD 422/622

From: CSD 661 Advanced Clinical Audiology (3)

Rationale and development of clinical tests of auditory function. Pure tone and speech audiometry, masking, acoustic impedance, special auditory tests, and calibration.

To: [title, description] Advanced Clinical Audiology I

Rationale and development of clinical tests of auditory function. Pure tone and speech audiometry, masking, acoustic impedance, and special auditory tests.

From: CSD 663 Evoked Response I (3)

Principles of auditory evoked response measurement techniques and interpretation of results. Focus on early latency evoked responses including the auditory brainstem response in individuals with normal hearing and hearing loss. Prereq: CSD 661 Coreq: CSD 658

To: [title, description] Auditory Evoked Potentials

Foundational knowledge for objective physiological measurement of the auditory system using auditory evoked potentials. Emphasis on understanding principles underlying the recording, analyzing and interpreting electrophysiological responses from the peripheral and central auditory system.

From: CSD 664 Evoked Response II (3)

Otoacoustic emissions in individuals with normal hearing and hearing loss. Middle and longlatency endogeneous and exogeneous electrical potentials in individuals with normal and impaired hearing.

To: [number, title, description] CSD 671 Advanced Clinical Audiology II

Concepts and practice in screening and diagnostic audiology, including clinical decision analysis, optoacoustic emissions, wideband acoustic emittance, and clinical applications of auditory evoked potentials.

From: EAR 311 Introduction to Geophysical Methods (3)

An introduction to the study of the Earth's near surface using geophysical methods and quantitative data analysis, specifically: seismic reflection and refraction, gravity, magnetic, electrical and electromagnetic methods. Participation in geophysical field survey is required.

To: [credit] (4)

From: EAR 333 Structural Geology (4)

Concepts of structural analysis of rocks, stress and strain, rock deformation mechanisms, geologic structures, their properties, and how they are formed. Three lectures and one laboratory a week, field trips including some weekends. Knowledge of trigonometry and geometry required.

Prereq: EAR 101 or 110 or 203 or (EAR 104 and 105)

To: [pre and corequisite]

Prereq: EAR 101 or EAR 110 or EAR 203 or (EAR 104 and EAR 1050 and EAR 314)

Coreq: EAR 317

From: EAR 407/607 Climate Change and Human Origins (3)

This course considers the influence of long term climate changes on hominid evolution and human adaptation, as well as how abrupt climate events and transitions may have impacted the distribution of human populations, the development of agriculture, human conflict and societal change. Additional work required of graduate students.

To: [add crosslist] EAR 407607/ANT 439/639

From: FRE 403 Eighteenth-Century Literature and Film Adaptation (3)

A critical study of the cinematic adaptation of selected French and Francophone literary texts. Conducted in French.

To: [title] Topics in French and Francophone Literature and Film

From: GEO 381/681 Cartographic Design (4)

Basic elements of cartographic design, including symbolization, figure-ground relationships, color theory, and typography. Effect of scale and projection on design process. Computer-assisted methods of cartographic design, including graphic representations for geographic information systems.

To: [credit, description, remove double #] GEO 381 (3)

An introduction to map design, which includes clarifying communication goals, finding solutions, using graphics to promote an understanding of landscapes and spatial patterns, and exploring aesthetics, conceptual thinking, geometries, and ethics of cartographic representation.

From: HOM 326 Music in the Caribbean (3)

Music of the Caribbean region in its cultural, historical, and political contexts. The course uses instruments, rhythms, and movements as starting points to explore issues of migration, urbanization, nationalism, race and ethnicity in the Caribbean.

To: [add crosslist] HOM 326/LAS 332

From: HOM 415 History of Recorded Sound (3)

The history of sound recording technology from its origins to the present day.

To: [add double #, description] HOM 415/615

The history of sound recording technology from its origins to the present day. Additional work required of graduate students.

From: HST 356 Italy Since 1600 (3)

History of Italy from the end of the Renaissance to the present. Struggle for unification, rise of fascism, and transformations of postwar Italy.

To: [title] Modern Italy

From: PSC 369 Global Migration (3)

How should local communities, national governments, and international institutions respond to economic migrants and refugees? Are their policies effective? These questions will be explored through historical and contemporary perspectives from around the world.

To: [number] PSC 469

From: REL 393 Extreme Religion (3)

Exploration of religious experiences at human limits and of religion as a limit discourse. Limits explored include rationality, language, sexuality, humanity, and mortality.

To: [title] Religion at the Limits

College of Sport and Human Dynamics

From: FST 422 Wine and Beer Appreciation (2)

Ingredients, processes and laws. Sensory evaluation and discussion of still and sparkling wines and beers. Student must be 21 years of age. Students may not take both FST 412 and FST 422.

To: [credits] Wine and Beer Appreciation (3)

From: SWK 743 Advanced Integrated Social Work Practice (3)

Principles, modalities, techniques of social work practice integrated across micro and mezzo levels. Advanced assessment, intervention and evaluation across systems, in community-based practice, through the context of mental health, child welfare, health, aging. Prereq: SWK 601

To: [addition of corequisite]
Prereq: SWK 601 and Coreq. SWK 771

From: SWK 771 Field Instruction III (3)

Supervised practice experience in social agencies related to student's concentration choice.
Coreq: SWK 732

To: [addition of corequisite]
Coreq: SWK 732 or SWK 743

College of Visual and Performing Arts

From: ART 361/561 Studio Symposium (3)

Seminar discussions from artist's point of view on issues, theories, criticism in contemporary art. Visiting artists, critics, faculty participation. Reading and paper required. Individual research in conjunction with course expectations for students taking ART561.

To: [subject, number, description] ARI 564

Introduce students to the world of visual art, its purposes and practices, themes and concerns. Various disciplines, historical, and stylistic periods of art are examined to understand the intentions of the artists and periods reviewed.

From: CRS 568 Rhetoric of Social Change (3)

Through a critical examination of public discourses, the student's critical understanding of the scope and function of rhetoric will be enhanced. Permission of instructor.

To: [number, title, description] CRS 368 Rhetorics of Social Change

Considers the role of rhetoric in the creation, definition, development, function, and study of social movements.

From: DRA 261 Introduction to Musical Theater Performance I (3)

Synthesis of music, lyrics, and acting fundamentals in the preparation of basic musical theater repertoire for performance. Required of all musical theater majors. Prereq: DRA 125 and DRA 126 and DRA 260 and MTC 125 and MTC 225 Coreq: MTC 226 and PNO 120

To: [pre-corequisite change]

Prereq: DRA 151 and DRA 162 and DRA126 and DRA 153 Coreq: DRA 251 and PNO 120

From: DRA 320 Adv Acting: Modern Drama (3)

Application of acting fundamentals to works of modern naturalism from Ibsen to Shepard. Method: assigned scenes. Prereq: acceptance for advanced work by department faculty.

To: [description]

Application of acting fundamentals to works of modern texts from Ibsen to Shepard. Method: assigned scenes.

From: DRA386 Edinburgh Fringe Festival (3)

Rehearsal and performance of a theatrical production for the Edinburgh Fringe Festival in Scotland.

To: [credits] (1-3)

From: DRA 451 Topics in Theatrical and Dramatic History (3)

Period, stylistic development, or other aspect of the history of theater and drama selected by the department and announced before registration.

To: [description]

Readings, lectures and attendance at and discussion of current productions in London or New York City.

From: DRA 453 History of Musical Theater (3)

Survey of musical theater genres, composers, and lyricists, directors, choreographers and performers, from circa 1860 to the present. Required of all musical theater majors. Prereq: DRA 115

To: [prerequisite change] Prereq: DRA 153

From: DRD 141 Introduction to Design for the Theatre (3)

First semester: set costume and lighting design using drawings, perspective, costume sketching, and lighting techniques. Second semester: continuing examination of the design process, focusing on specific plays. Must be taken in sequence.

To: [title, description] Introduction to Design for the Theatre I

Introduction to the visual elements in theatrical production and the role of set, costume and lighting designers. Theory, history and practice of theatrical design.

From: DRD 142 Introduction to Design for the Theatre (3)

First semester: set costume and lighting design using drawings, perspective, costume sketching, and lighting techniques. Second semester: continuing examination of the design process, focusing on specific plays. Must be taken in sequence. Prereq: DRD 141

To: [title, description] Introduction to Design for the Theatre II

Second part of Intro to Design for the Theater. Techniques and theory discussed in DRD 141 will be put into practice in assigned studio projects.

From: DRD 331/631 Stage Lighting I (3)

Elementary physics of lighting and electricity. Lighting instruments and controls. Function of theatrical lighting. Outstanding lighting designs of past and current productions. Students design complete light plots.

To: [description, remove double #, prereq.] DRD 331

An introduction to lighting for the stage, exploring the history, practice and technology of the art form. Department consent required. Prereq: DRD 141

From: DRD 332/632 Stage Lighting II (3) DRD 332

Continuation of DRD 631/331. Required of all majors in design/technical theater, and graduate students in stage design. Prereq: DRD 331

To: [description, remove double #]

Continuation of DRD 331, studying practices in modern stage lighting design. Emphasis on investigating current technology and processes, and translating ideas into actual production lighting design.

From: DRD 441 Adv. Stgcrft/Th. Tech (3)

Permission of Instructor.

To: [title, description, prerequisite] Advanced Stagecraft

An in-depth exploration of both simple and complex aspects of the process of scenic production from the perspective of the Technical Director. Prereq: DRD 140 and DRD 240 and DRD316

From: FND 111 Time Arts (3)

Art forms that involve the element of time. Students will investigate processes, conduct research, and develop critical thinking abilities in order to create projects in four dimensions.

To: ARI 113 Time Arts Introduction

Studio exploration of time-based themes and media used as tools for self-expression: sequential imagery, photo sequence and text, performance, audio works, video and multimedia. New technologies in art context.

From: ILL 365/565 Electronic Illustration (3)

Exploration of contemporary aspects of computer applications to visual problem solving in electronic, film, and print communications as they apply to the field of illustration.

To: [number, title, description, prereq.] ILL 256 Intro to Digital Illustration

Exploration and use of vector and bitmap computer applications to solve visual communication problems and create illustrations. Prereq: ILL 251

From: ILL 483 The Business of Freelance Illustration (3)

Presentation, marketing and promotion for the professional illustrator. Pricing, contracts, copyright laws, and other professional issues.

To: [number, title, description, prerequisite] ILL 453/653 The Business of Illustration

Presentation, marketing and promotion for the professional illustrator. Pricing, negotiation, contracts, copyright laws, and other professional issues. Additional work required of graduate students. Prereq: ILL 251 and ILL 256 and ILL 253 and ILL 254

From: PTG/DRW 203 Painting and Drawing for Non-Art Majors (1-3)

Fundamental concepts and techniques of painting and drawing. Open to non-art students only. May not be used for credit toward B.F.A. except by petition to Department of Studio Arts.

To: [subject, number, title, credit] ARI 563 Painting: Art for Non-Majors (3)

From: PTG/DRW 455 Advanced Drawing (2-3)

Historical awareness. Relation of drawing to major areas of study. Philosophical development in the use of personal imagery and techniques. Prereq: PTG 355 or PTG 356

To: [subject, number, title, credit, remove prerequisite] ARI 467/667 Experimental Advanced Drawing (3)

From: SCU 391/591 Wood and Mixed-Media Research (1-9)

Sculptural uses of wood. Lathe work, lamination, and carving. Combination of wood and other sculptural materials. Individual research in conjunction with course expectations for students taking SCU591.

To: [subject, number, description, credit, prerequisite] ARI 383 (3)

Focus on using wood and mixed media as art-making materials. Students will learn several woodworking techniques as well as the hand and power tools and machinery necessary to perform them.

Prereq: ARI 271

From: SCU 495 Advanced Sculpture (3)

Advanced research. Prereq: SCU 395 and SCU 396

To: [subject, number, description, remove prerequisite] ARI 381

Examines the theory and studio practice of contemporary sculpture through individual creative works.

Maxwell School of Citizenship and Public Affairs

From: ANT/LAS 523 Globalization and its Discontents in Latin America (3)

Effects of and reactions to globalization and neo-liberal policies in rural communities, including industrialization, rural-urban and international migration and ethnic movements.

To: [number, title, description, crosslist, double number]

ANT/LAS 423/623 Effects of Globalization in Latin America

A grassroots view of major transformations in Latin America due to globalization/global change, including adaptations to global warming, effects of and reactions to neo-liberal policies, internal and international migration, ethnic movements and social revolutions. Additional work required of graduate students.

From: MPH 606 Public Health Practice (3)

The second of two 3-credit courses intended to provide an introduction to a series of contemporary issues in public health practice.

To: [title, description] Public Health Policy

Introduces essential elements of health policy and explores ways that health policy shapes the healthcare environment and impacts population health through case studies and multi-level discussions.

From: MPH 699 Capstone Experience (3)

The MPH capstone project is a requirement for graduation for students and allows students to gain practical experience working on a project related to their area of interest and/or career goals in public health.

To: [title, description, grading] Culminating Experience (grading from A-F to Pass/Fail)

The MPH culminating experience is a requirement for graduation for students and allows students to gain practical experience working on a project related to their area of interest and/or career goals in public health.

From: PAI 753 Executive Leadership and Policy Politics (3)

Simulation exercise involving current public policy issues. Focus on politics of formulating and setting policy. Satisfies the University's comprehensive requirement for a master's degree.

To: [title] Leadership and Public Policy

From: PAI 778 Development Finance: Building Inclusive Financial Systems (3)

Focus on how to build the policy and institutional infrastructure for delivering financial services that serve the poor.

To: [add crosslist] PAI/ECN 778

III. REVISED PROGRAMS

College of Engineering and Computer Science

Bachelor of Science in Mechanical Engineering

Proposal to change semesters and update course numbers for the program.

Side-by-side Mechanical Engineering Curriculum

FALL - FIRST YEAR

MAT295 Calculus I (4)	MAT295 Calculus I (4)
CHE150 General Chemistry for Engrs (3)	CHE150 General Chemistry for Engrs (3)
CHE107 General Chemistry Lab I (1)	CHE107 General Chemistry Lab I (1)
ECS101 Intro. Engrg/Comp Sci. (3)	ECS101 Intro. Engrg/Comp Sci. (3)
WRT105 Studio 1: Pract of Acad Wrt (3)	WRT105 Studio 1: Practices of Academic Writing (3)
ECN203 Economic Ideas & Issues (3)	ECN203 Economic Ideas & Issues (3)

SPRING – FIRST YEAR

MAT296 Calculus II (4)	MAT296 Calculus II (4)
PHY211 General Physics I (3)	PHY211 General Physics I (3)
PHY221 General Physics Lab I (1)	PHY221 General Physics Lab I (1)
ECS104 Engrg. Comput. Tools (3)	ECS104 Engrg. Comput. Tools (3)
MAE184 Engrg. Graphics & CAD (3)	WRT205 Studio 2: Critical Rsrch and Writing (3)
Elective 1 SSH (3)	Elective 1 SSH (3)

FALL - SECOND YEAR

ELE231 Electr. Engrg. Fund. I (3)	ECS326 Engrg. Matls. Prop. & Proc. (3)
ELE291 Electr. Engrg. Lab I (1)	MAT397 Calculus III (4)
MAT397 Calculus III (4)	PHY212 General Physics II (3)
PHY212 General Physics II (3)	PHY222 General Physics Lab II (1)
PHY222 General Physics Lab II (1)	ECS221 Statics (3)
ECS221 Statics (3)	Elective 2 (3)
Elective 2 (3)	

SPRING - SECOND YEAR

MAT485 Diff Eqns & Matrix Alga for Eng (3)	MAT485 Diff Eqns & Matrix Alga for Eng (3)
ECS222 Dynamics (3)	ECS222 Dynamics (3)
ECS325 Mech. Of Solids (4)	ECS325 Mech. Of Solids (4)

MAE251 Thermodynamics (4)
Elective 3 Restricted Technical (3)

MAE251 Thermodynamics (4)
MAE284 Introduction to Design (3)

FALL - THIRD YEAR

ECS326 Engrg. Matls. Prop. & Proc. (3)
MAE315 Mech./Aero. Lab (3)
MAE341 Fluid Mechanics (4)
MAE312 Engineering Analysis (3)
Elective 4 (3)

ELE231 Electr. Engrg. Fund I (3)
ELE291 Electr. Engrg. Lab I (1)
MAE312 Engineering Analysis (3)
MAE315 Mech. /Aero. Lab (3)
MAE341 Fluid Mechanics (4)
MAE333 Data Analysis for Eng. (3)

SPRING - THIRD YEAR

MAE321 Dynamics of Mech. Systems (3)
MAE355 Fund. of Heat Transfer (4)
MEE332 Intro. Machine Design (3)
ELE312 Linear Control Systems (3)
Elective 5 Mandatory Numerical¹ (3)

MAE321 Dynamics of Mech. Systems (3)
MAE322 Control Systems for MAE (3)
MEE332 Intro. Machine Design (3)
MAE355 Fund. Of Heat Transfer (4)
Elective 3 (3)

FALL - FOURTH YEAR

MEE431 Manufacturing Processes (3)
MEE416 Mech. Engrg. Lab (3)
MEE471 Synth. Mech. Systems I (3)
Elective 6 (3)
Elective 7 (3)

MEE431 Manufacturing Processes (3)
MEE416 Mech. Engrg. Lab (3)
Elective 4 Mandatory Numerical¹ (3)
Elective 5 (3)
Elective 6 (3)

SPRING - FOURTH YEAR

MEE472 Synth. Mech. Systems II (3)
WRT205 Studio 2: Critical Rsrch and Wrt (3)
Elective 8 (3)
Elective 9 (3)

MEE471 Design Practice (2)
MEE472 Synth. Mech. Systems (4)
Elective 7 (3)
Elective 8 (3)

¹ Must be either MAE 430, MAE 571, or MAE 473

TOTAL CREDIT HOURS: 128

Master of Science in Mechanical and Aerospace Engineering (pending NYSED approval)

Summary of Proposed Revisions:

Current Requirements:

Students must complete 30 credits, including a capstone project (MAE994, 0 credits) and at least three (3) semesters of the MAE graduate seminar (MAE995: 0 credits). All students must take three (3) required courses (MAE675, MAE643, and MAE635) and four (4) elective courses from the MAE department. Out of the required 30 credits, students cannot take more than 9 credits at the 500-level.

Proposed Changes:

Students must complete 30 credits, including a capstone project (MAE994, 0 credits) and at least three (3) semesters of the MAE graduate seminar (MAE995: 0 credits). Out of the required 30 credits, students cannot take more than 9 credits at the 500-level. The MS degree in MAE offers both "general" and "concentration" options.

Students selecting the "general" option must take three (3) required courses (MAE675, MAE643, and MAE635) and four (4) elective courses from the MAE department.

Students selecting a "concentration" option must take MAE675, four (4) courses from a chosen concentration . Available concentrations and their concentration core(s) are:

- Thermal/Fluids (MAE643)
- Solids/Structure (MAE635)
- Design/Manufacturing (MFE639 & ECS526)

Two (2) additional elective courses must be taken from the MAE department.

The remaining three (3) elective courses (9 credits), if taken outside of the College of Engineering and Computer Science, must be approved by the student's advisor prior to registration.

Rationale:

To provide the students with more options from which they can choose to concentrate on. Newly added faculty members in recent years in the MAE department allow such flexibility.

Side-by-Side Comparison

Category	Current Requirements	Proposed Concentration Option
General Requirements	A student seeking an MS degree in Mechanical and Aerospace Engineering (MAE) must complete ten (10) 3-credit courses, no more than three (3) of which can be at the 500-level. The remainder must be at the 600-level or higher.	No change
Required Courses	<ul style="list-style-type: none"> • MAE675: Methods of Analysis • MAE643: Fluid Dynamics • MAE635: Advanced Mechanics of Materials 	<ul style="list-style-type: none"> • MAE675: Methods of Analysis
Elective Courses	- Four (4) additional courses must be taken from the MAE department.	<p>- Students selecting a concentration option must take four (4) courses from a chosen concentration. Available concentrations and their concentration core(s) are:</p> <ul style="list-style-type: none"> • Thermal/Fluids (MAE643) • Solids/Structure (MAE635) • Design/Manufacturing (MFE639 & ECS526) <p>- Two (2) additional courses must be taken from the MAE department.</p> <p>- The remaining three (3) elective courses (9 credits), if taken outside of the College of Engineering and Computer Science, must be approved by the student's advisor prior to registration.</p>
Additional Requirements	<ul style="list-style-type: none"> • MAE995: Graduate Seminar (0-cr) • MAE994: Capstone Project (0-cr) 	No change

There is no change to the standard program option.

College of Sport and Human Dynamics

Master of Science in Sport Venue and Event Management

Proposal of a minor change to the curriculum by omitting SPM 624 Sport Facilities Management and adding SPM 637 Sport Venue Management. The new course will provide an opportunity to further study the complexities of building, promoting, managing, and maintaining a vast area of venues. This program revision will better prepare the SVEM students as industry professionals in the future.

Program Requirements

Current: 36 credits

Proposed: 36 credits

SPM 614 Foundations of Sport Venue & Event Management (3)	SPM 614 Foundations of Sport Venue & Event Mngt (3)
SPM 624 Sports Facility Management (3)	SPM 634 Sport Event & Hospitality Management (3)
SPM 634 Sport Event & Hospitality Management (3)	SPM 635 Marketing of Sport Venues & Events (3)
SPM 635 Marketing of Sport Venues & Events (3)	SPM 637 Sport Venue Management (3)
SPM 645 Strategic Management of People in Sport (3)	SPM 645 Strategic Management of People in Sport (3)
SPM 655 Practicum in Sport Venue and Event Management (9)	SPM 655 Practicum in Sport Venue and Event Management (9)
SPM 664 Financial Management of Sport Facilities & Events (3)	SPM 664 Financial Management of Sport Facilities & Events (3)
SPM 665 Advanced Sport Event Management (3)	SPM 665 Advanced Sport Event Management (3)
Elective (3)	Elective (3)
Elective (3)	Elective (3)

College of Visual and Performing Arts

Bachelor of Fine Arts in Art Photography

Proposal to add a new elective course and further define elective requirements for Art Photography majors.

Current Curriculum	Proposed Curriculum
Major Requirements: 48 credits	Major Requirements: 48 credits
TRM 151 - TransMedia Colloquium (History)	TRM 151 - TransMedia Colloquium (History)
TRM 152 - TransMedia Colloquium (Theory)	TRM 152 - TransMedia Colloquium (Theory)
TRM 153 - Studio Concepts	TRM 153 - Studio Concepts
TRM 154 - Interconnected Studios	TRM 154 - Interconnected Studios
TRM 251 - Intermediate TransMedia Studio	TRM 251 - Intermediate TransMedia Studio
TRM 351 - Advanced Transmedia Studio	TRM 351 - Advanced Transmedia Studio

<p>TRM 451 - TransMedia Synthesis APH 261 - Art Photography, Introduction APH 262 - Art Photography Introduction II APH 263 - Art Photography:Advanced Digital Imaging APH 361 - Lighting for Photography APH 362 - Art Photography Junior Seminar APH 461 - Art Photography:BFA Senior Seminar APH 462 - Art Photography: BFA Exhibition and Portfolio</p> <p>Choose one of the following: APH 561 - Art Photography: Contemporary Art and Photography APH 562 - Art Photography: Contemporary Critical & Theoretical Texts on Art & Photography Required Elective: Choose one of the following: APH 563 - Art Photography: Non-Traditional Modes APH 564 - Image/Sequence: Photo Book APH 565 - Art Photography: Performance Art APH 566 - Art Photography: Photography and Cinema</p> <p>Academic Requirements: 6 credits WRT 105 - Studio 1: Practices of Academic Writing WRT 205 - Studio 2: Critical Research and Writing</p> <p>Studies in Culture: 21 credits 6 credits required: 1 Art History, 1 Photo History</p> <p>Academic Electives: 30 credits 3 credits required: 1 Critical Theory of Art</p> <p>Studio Electives: 24 credits 6 credits required: APH 265 - Beginning Seminar, 1 Video course</p> <p>Total Credits Required: 129</p>	<p>TRM 451 - TransMedia Synthesis APH 261 - Art Photography, Introduction APH 262 - Art Photography Introduction II APH 263 - Art Photography:Advanced Digital Imaging APH 361 - Lighting for Photography APH 362 - Art Photography Junior Seminar APH 461 - Art Photography:BFA Senior Seminar APH 462 - Art Photography: BFA Exhibition and Portfolio</p> <p>Choose one of the following: APH 561 - Art Photography: Contemporary Art and Photography APH 562 - Art Photography: Contemporary Critical & Theoretical Texts on Art & Photography Required Elective: Choose one of the following: APH 563 - Art Photography: Non-Traditional Modes APH 564 - Image/Sequence: Photo Book APH 565 - Art Photography: Performance Art APH 566 - Art Photography: Photography and Cinema</p> <p>Academic Requirements: 6 credits WRT 105 - Studio 1: Practices of Academic Writing WRT 205 - Studio 2: Critical Research and Writing</p> <p>Studies in Culture: 21 credits 6 credits required: 1 Art History, 1 Photo History</p> <p>Academic Electives: 30 credits 3 credits required: 1 Critical Theory of Art</p> <p>Studio Electives: 24 credits 6 credits required: APH 265 - Beginning Seminar, 1 Video course</p> <p>Total Credits Required: 129</p>
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Master of Arts in Museum Studies

Proposal to replace the practicum sequence with two new courses, one focused on practical, object handling, and installation based knowledge, and the other focused on the digital design portions of the curriculum.

Existing Curriculum	Proposed Curriculum
Total Credits: 33 (minimum of 27 in Museum Studies).	No Change
Core Requirements: 18 Credits	Core Requirements: 18 Credits
MUS 503 Intro to Museum Studies (3) MUS 506 Intro to Curatorship (3) MUS 603 Practicum I (3) MUS 604 Practicum II (3) MUS 607 Collections Management (3) MUS 670 Experience Credit (internship) (3)	MUS 503 Intro to Museum Studies (3) MUS 506 Intro to Curatorship (3) MUS 601 Museum Preparation & Installation (3) MUS 602 Museum Graphics & Communications (3) MUS 607 Collections Management (3) MUS 670 Experience Credit (internship) (3)
Concentration Credits (6 credits)	Concentration Credits (6 credits)
<i>Choose two courses from the following menu:</i> MUS 703 Advanced Curatorship (3) MUS 709 Museum Management (3) MUS 708 Public Learning in Museums (3) MUS 712 Museum Development (3) MUS 600 Selected Topics (3)	No Change
Electives (9 credits)	Electives (9 credits)
3-6 credit hours must be in Museum Studies courses	No Change
Completion Requirement	Completion Requirement
Comprehensive Examination (0)	No Change

Maxwell School of Citizenship and Public Affairs

Master of Public Administration

Proposal to add options for students to achieve the required management proficiency for the Master in Public Administration degree.

Master of Public Administration Degree

Side-by-Side Comparison of the Existing and Proposed Modified Programs

Master of Public Administration - 2011-2015		Master of Public Administration - 2015-2019	
CORE: 25 credits		CORE: 25 credits	
MPA Colloquium: PAI 600	1	MPA Colloquium: PAI 600	1
Management: PAI 712	3	Management: PAI 712 OR PAI 748 OR PAI 762	3
Statistics: PAI 721	3	Statistics: PAI 721	3
Evaluation: PAI 722	3	Evaluation: PAI 722	3
Economics: PAI 723	3	Economics: PAI 723	3
Budgeting:	3	Budgeting:	3

PAI 734		PAI 734	
Public Administration Theory: PAI 755	3	Public Administration Theory: PAI 755	3
MPA Workshop PAI 752	3	MPA Workshop PAI 752	3
Capstone Experience PAI 753	3	Capstone Experience PAI 753	3
Electives: 15 Credits	15	Electives: 15 Credits	15
Total	40	Total	40

IV. NEW MINORS

College of Sport and Human Dynamics

Minor in Sport Analytics

Rationale

The 18 credit minor in Sport Analytics is designed for students who are interested in pursuing a path in the sport analytics along with their chosen major. Students selecting this minor, within the Department of Sport Management, should have an interest in studying research methodology, sport economics, database management, computer programming, and technology integral to sport analytics.

Application Process

Applicants are required to have a minimum of a 3.4 cumulative GPA and be enrolled in or have completed the following coursework when applying: MAT 183, MAT 221, ECN 203. Students will be admitted on a space available basis. Student must have completed 30 credits at Syracuse University in courses graded A-F and must submit an application to the Department of Sport Management (402 MacNaughton Hall) by November 1st for spring admission or April 1st for fall admission. Students must declare the sport analytics minor no later than the first semester of their junior year.

Curriculum Requirements

Students must complete the following prerequisite coursework prior to enrolling in the minor:

MAT 183: Elements of Modern Mathematics (4 credits)

MAT 221: Elementary Probability and Statistics (3 credits)

ECN 203: Economic Ideas and Issues (3 credits)

The following 18 credit hours of coursework are required for completion of the minor:

SPM 213: Sport Data Analysis I (3 credits)

SPM 295 Research Methodology (or equivalent course from another school or college) (3 credits)

SPM 313: Sport Data Analysis II (3 credits)

Three additional sport analytics courses (9 credits) at the 300 level or above:

SPM 303: Price Theory in Sports (3 credits)

SPM 323: Database and Programming for Sport Analytics (3 credits)

SPM 365: Sport Economics (3 credits)

SPM 384: Web Scraping with Python (3 credits)

SPM 413: Analyzing baseball in R (3 credits)

Minor in Sport Event Management

The 18 credit minor in Sport Event Management minor is designed for students who are interested in pursuing a path in the sport venue and event management field along with their chosen major. Students selecting this minor, within the Department of Sport Management, should have an interest in learning about the conceptualization, planning, implementation, evaluation, and business aspects of sport event management field.

Application Process

Applicants are required to have a minimum of a 3.0 cumulative GPA when applying. Students will be admitted on a space available basis. Student must have completed 30 credits at Syracuse University in courses graded A-F and must submit an application to the Department of Sport Management (402 MacNaughton Hall) by November 1st for spring admission or April 1st for fall admission. Students must declare event management no later than the first semester of their junior year.

Students must complete the following 18 credit hours of coursework:

SPM 224: Introduction to Sport Event Management (3 credits)

SPM 305: Principles of Sport Hospitality Management (3 credits)

SPM 324: Sport Sponsorship and Promotion (3 credits)

SPM 449/SPM 649: Technologies in Game Day Operations (3 credits)

SPM 437/SPM 637: Sport Venue Management (3 credits)

Students must choose:

SPM 199: Super Bowl and Society (3 credits)

OR

SPM 356: Olympic Sport Management (3 credits)

Minor in Sport Revenue Management and Operations

The 18 credit minor in Sport Revenue Management and Operations is designed for students who are interested in pursuing a path in the sport marketing and sales sector of sport organizations along with their chosen major. Students selecting this minor, within the Department of Sport Management, should have an interest in learning about sponsorship, marketing, ticket sales, brand management, activation, and consumer behavior as it relates to the sport entity.

Application Process

Applicants are required to have a minimum of a 3.0 cumulative GPA when applying. Students will be admitted on a space available basis. Student must have completed 30 credits at Syracuse University in courses graded A-F and must submit an application to the Department of Sport Management (402 MacNaughton Hall) by November 1st for spring admission or April 1st for fall admission. Students must declare the sport revenue management and operations minor no later than the first semester of their junior year.

Curriculum Requirements:

Students must complete the following 18 credit hours of coursework:

MAR 445: Brand Management (3 credits)

SPM 324: Sport Sponsorship and Promotion (3 credits)

SPM 350: Sports Ticket Sales (3 credits)

SPM 444: Sports Marketing Management (3 credits)

SPM 446: Senior Seminar in Sport Revenue Management and Operations (3 credits)

SPM 449/649: Technologies in Game Day Operations (3 credits)

V. NEW PROGRAMS

College of Sport and Human Dynamics

Certificate of Advanced Study in Child Therapy

(pending NYSED approval)

Introduction and Overview

The Certificate of Advanced Studies in Child Therapy is available for graduate students, clinicians, mental health professionals, and practitioners from allied disciplines who intend to expand their knowledge and skills in clinical practice with children and their families or care-givers. The CAS in Child Therapy will require the completion of 12 credits of graduate study, including 3 required courses of 3-credits each, and one elective course of 3-credits. All of the courses in the proposed CAS are regularized and are part of the Marriage and Family Therapy Department curriculum and the School of Social Work curriculum. Current graduate students enrolled at Syracuse University will be eligible to apply for admission to the CAS, as will mental health and allied professionals.

Needs Assessment

The proposed Certificate of Advanced Studies in Child Therapy is in keeping with the concerns expressed by state and federal agencies about the critical shortage of mental health professionals who are trained to address the needs of children, adolescents and their families. In the Introduction section of the *Annapolis Commission Report on the Mental Health Work Force* (2007), the authors write, “There is a critical shortage of individuals trained to meet the needs of children and youth, and their families. (and) ...there is an even more severe shortage of practitioners trained and credentialed to treat adolescents with substance use disorders.” Additionally, the commission expresses concern that, “Beyond the issue of workforce size, training programs that do focus on prevention and treatment for children and youth, and their families, have not kept pace with current trends in the field, which have been shifting toward strengths-based and resilience-oriented models, a systems-of-care approach, and the use of evidence-based practices (Curie, Brounstein, & Davis, 2004; McLellan & Meyers, 2004).” The CAS in Child Therapy will be comprehensive in scope and will prepare practitioners, and allied professionals, to respond to the mental health and behavioral health needs of children across a broad scope of origins, symptoms, and systems. The CAS in Child Therapy will incorporate the use of evidence-based practices within the context of a systems foundation.

The United States *Surgeon General’s Report on Children’s Mental Health*, The 2007 *Annapolis Commission Report on the Mental Health Work Force*, and the recent White House “*Now is the Time*” initiative on children’s mental health all express considerable concern about the inadequate work force in children’s mental health, and the need for specialized and updated training for mental health professionals working with children, adolescents and their families.

The White House “*Now is the Time*” initiative on children’s mental health reports that, “Today, **less than half of children and adults with diagnosable mental health problems receive the treatment they need.** We need to train teachers and other adults who regularly interact with students to recognize young people who need help and ensure they are referred to mental health services. **Individuals ages 16 to 25 are at high risk for mental illness, substance abuse, and suicide, but they are among the least likely to seek help.** Even those who received services as a child may fall through the cracks when they turn 18. **Experts often cite the shortage of mental health service providers as one reason it can be hard to access treatment.** In a similar vein, the *Surgeon General’s Report on Children’s Mental Health* notes that, “... Almost 21 percent of children and adolescents (ages 9 to 17) had some evidence of distress or impairment associated with a specific diagnosis, and also had at least a minimal level of impairment on a global assessment measure. Almost half of this group (10 percent of the child/adolescent population) had some treatment in one or more sectors of the de facto mental health service system, and the remainder (11 percent of the population) received no treatment in any sector of the health care

system. **This translates to a majority of children and adolescents with mental disorders not receiving any care** (Shaffer et al., 1996)”.

Rationale and Market Analysis

As noted previously, the *Annapolis Commission Report on the Mental Health Work Force* (2007) describes the **critical shortage of individuals trained to meet the needs of children and youth, and their families**. The commission also has expressed concern that , “Beyond the issue of workforce size, **training programs that do focus on prevention and treatment for children and youth, and their families, have not kept pace with current trends in the field**, which have been shifting toward strengths-based and resilience-oriented models, a systems-of-care approach, and the use of evidence-based practices (Curie, Brounstein, & Davis, 2004; McLellan & Meyers, 2004; Meyers, Kaufman, & Goldman, 1999).” “Furthermore, **behavioral health professionals who have been trained to provide behavioral health prevention and intervention in the nation’s schools are in significantly short supply**, or are hindered by the constraints of their position to use such skills.”

The Certificate of Advanced Studies in Child Therapy will help address the extraordinary need for mental health (and related) services to children and their families, and will help address the significant shortage of child-centered practitioners in the mental health workforce, by creating a consistent cadre of appropriately educated and trained professionals. We expect to enroll as many as 20 students/practitioners in the Child Therapy CAS annually. Over the initial five-year period of operations, that could place over 60 qualified child-centered practitioners in our community.

Targeted audience

The targeted audience for the Certificate of Advanced Studies in Child Therapy includes baccalaureate prepared licensed/certified professionals, and students currently enrolled in master's level licensure qualifying programs. Completion of the Advanced Certificate in the Child Therapy program alone does not qualify an individual for licensure as a social worker, marriage and family therapist, or any other profession licensed under Title VIII of the Education Law, nor does it authorize a certificate holder to engage in those scope-restricted professions. Applicants to the CAS in Child Therapy will be screened for admissions by a committee of faculty of the sponsoring department, Marriage and Family Therapy.

Curriculum

The curriculum includes three required 3-credit courses (each of which will be offered annually), and one elective 3-credit course (to be chosen from a list of courses that include child-centered practice content). Applicants who previously completed a master’s degree, and did not have Psychopathology in their course of study, must take a Psychopathology course in addition to the required 12 credits in the CAS.

The required courses in the Child Therapy CAS are:

MFT 686 - Play Therapy with Children and Families *or*
COU 678 - Play Therapy

SWK 626 - Persons in Social Context *or*
MFT 688 - Family Therapy Across the Life Cycle *or*
COU 626 - Social and Cultural Dimensions of Counseling *or*
COU 645 - PrePracticum II: Advanced Multicultural Skills

MFT 643 - Family Therapy with Complex Trauma *or*
SWK 738 - Core Concepts in Trauma Treatment for Children and Adolescents
(Students admitted into the CAS in Child Therapy will take 3 required courses; MFT 686; MFT 688 or SWK 626; and either MFT 643 or SWK 738).

The list of elective courses includes:

SWK 742 - Violence, Trauma and Bullying: Clinical Perspectives

SWK 709 - Practice with Children, Adolescents and Families

MFT 644 - Family Therapy with LGBTQ Youth

COU 672 - Counseling Children and Adolescents

(Students admitted into the CAS in Child Therapy will choose 1 of the elective courses listed above.)

Certificate of Advanced Study in Food Studies

(pending NYSED approval)

The 12-credit C.A.S. is open to graduate students with completed undergraduate degrees and a minimum 3.0 GPA. The program is designed to accommodate students who matriculate in a non-Food Studies graduate program (e.g., M.S., M.A., Ph.D) and seek a food studies concentration as well as students who matriculate specifically in the Food Studies C.A.S. In consultation with Food Studies faculty advisers, C.A.S. students take the introductory graduate seminar (3 credits), select a minimum of two additional graduate Food Studies classes (minimum of 6 credits), and choose a fourth 3 credit course as necessary that is either a graduate Food Studies class or another directed elective that has demonstrated a strong food studies disciplinary direction (3 credits).

Program Outcomes: Educational and Career Opportunities

The C.A.S. in Food Studies offers an opportunity to build a solid foundation in food studies for both students in other SU graduate programs and for external professionals who want to expand their areas of expertise. Expertise in food studies is increasingly relevant to a broad array of professional areas: local and national public sector food regulation and industry relations; NGO engagement in advocacy and policy associated with the human right to adequate food, food sovereignty, food and nutrition security, and trade and food-oriented labor; economic and social development work at the community, national, and international scales; food production and distribution companies, services, and vendors in established or start-up modes.

The Graduate Food Studies Program

Food Studies began emerging in the 1990s and has been growing steadily as indicated by the increasing number of programs and students (Spiegel, 2012) domestically and abroad. The discipline exists at the nexus of multi-disciplinary and cross-sectional inquiry and addresses linkages among food systems, human and landscape sustainability including public health, and urban and regional design, planning, and governance (Weissman et al. 2012). Food Studies is distinct from, yet complementary to, traditional academic disciplines. The proposed Certificate of Advanced Study (C.A.S.) in Food Studies offers the opportunity to develop expertise in a highly relevant and groundbreaking new field and builds on the newly established Masters of Science (M.S.) in Food Studies in the David B. Falk College of Sport and Human Dynamics at Syracuse University.

The Food Studies M.S. program at Syracuse University was approved by the State of New York on 15 April 2015. The proposed 12-credit C.A.S. program builds from the M.S. in Food Studies and responds to interest expressed by students at both Syracuse University and SUNY Environmental Science and Forestry. University-wide development of courses in fields such as Communications, Geography, History, Art, and Sociology, among others indicates growing faculty interest. We believe therefore that Food Studies offers cross-disciplinary potential for cooperation and the C.A.S. in Food Studies will provide complementary and interdisciplinary relevance to non-Food Studies degree programs.

Unlike other graduate Food Studies programs in the United States, at Syracuse University we concentrate on political economy, uniquely introducing a human rights-based approach to food systems in addition to public policy, food security, trade, sovereignty, ethics, and agro-ecology. We emphasize interdisciplinary association with the social sciences, history, international studies, gastronomy, agronomy, environmental studies, women and gender studies, law, planning and architecture, as well as with public health and nutrition (Moodie et al. 2013; Herrera et al. 2009), benefiting greatly from our allied programs in the Department of Public Health, Food Studies and Nutrition. Students in the Food Studies program train in the fast-changing landscape of international food policy as well as in local food governance systems. The Food Studies program is characterized by the study of

structural conditions of inequalities, injustice and imbalances in the food system, combined with exploration of potential levers of social change, including social movements, public policy, and equitably organized food and nutrition economies.

C.A.S. Program Requirements and Plan:

C.A.S. students should begin with the required FST 601 Seminar in Food Studies and Systems and then select courses in consultation with the C.A.S. Program Director or Faculty Adviser in Food Studies.

1. *Required* introductory graduate course from the Food Studies M.S. core. (1 class; 3 credits)
FST 601 - Seminar in Food Studies and Systems
 2. *Required* from Food Studies graduate courses. (Minimum of 2 additional classes; 6 credits)
FST 603 - Right to Food and Nutrition
FST 604 - Food Studies Research Methods
FST 702 - Political Economy of Food
FST 703 - Transnational Food, Health and the Environment
FST 706 - Gender, Food, Rights
 3. *Required* additional course selected either from Food Studies graduate courses listed above or from the list of directed electives below from outside the Food Studies program. (1 class; 3 credits)
NSD 627 Public Health Nutrition
NSD 756 Food and Public Policy
HTW 669 Disability and Global Health
PAI 700 Problems in Public Administration¹
GEO 685 Community Geography
GEO 755 Seminar in Political Ecology: Nature, Culture, Power²
LSA 670 Thematic Landscape Design Studio³
- ¹ PAI 700 is a relevant directed elective when its focus is on food security.
² GEO 755 focuses on food and agriculture case studies.
³ LSA 670 is a relevant directed elective when its focus is on the design of food planning and systems.

References

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- Spiegel JE. 2012. "Truly Food for Thought" *New York Times*, April 13 (found at: <http://foodandfoodiesinjapan.wordpress.com/2012/04/22/ny-times-article-on-food-studies-as-growth-field-universitygrad-level/>). Verified on May 5, 2014.
- Weissman E, et al. 2012. "Building a Food Studies Program: On the Ground Reflections from Syracuse University," *Journal of Agriculture, Food Systems, and Community Development* 2, 3:79-89.