**IFDM Career Pathways**
This is a working document for helping IFDM students create curricular/career pathways in various areas.
Faculty list suggested elective courses below:

**Acting, Directing & Writing**

*Acting Focus*
THEA 130[120] Acting I
THEA 131[121] Acting II (Prereq: THEA 130)
THEA 230[220] Acting III (Prereq: THEA 131 or Pre or Corequisite: THEA 231)
THEA 231[224] Voice & Movement I (Prereq: THEA 130)
THEA 331[225] Voice & Movement II (Prereq: THEA 231)
THEA 330[221] Acting Skills IV (Prereq: THEA 230)
THEA 267 Acting Study for Non-Majors
THEA 518/418 Creative Drama
THEA 430 Acting Characterization (Prereq: THEA 330)
THEA 437/537 [421/521] Acting-Entering the Profession (Prereq: THEA 330 and THEA 331)
THEA 432/532 [422/522] Advance Acting- Beyond Realism [Topics in Modern Styles] (Prereq: THEA 330 or THEA 434)
THEA 434 [426] Performance Arts (Prereq: THEA 131)

*Directing Focus*
THEA 223 Introduction to Script Analysis
THEA 295/495 Studies in Theatre
THEA 403 Directing I (Prereq: THEA 105 and THEA 130)
THEA 404/504 Topics in Directing (Prereq: THEA 403)
THEA 493 Art Direction for TV/Film
THEA 419/519 Children’s Theatre
THEA 471/571 Video Content Production

*Writing Focus*
THEA 355 Fundamentals of Playwriting
THEA 455 Seminar in Playwriting
THEA 456L Playwriting Laboratory
THEA 457 Advanced Dramatic Writing Workshop
THEA 458/558 Screenwriting
THEA 460/560 Comedy Writing I
THEA 461/561 Comedy Writing II

**Animation**
CS 394/ARTS 394 CGI and Animation
CS 494/ARTS 494/594 Advanced Topics in Computer Generated Imagery
ECE 512 Advanced Image Synthesis
IFDM 491 – Introduction to Maya: Foundation
IFDM 491 – Advanced Topics in Maya: Production
IFDM 491 – Animation I – Basics
IFDM 491 – Animation II – Body Mechanics
IFDM 491 – Animation III – Acting Principles
IFDM 491 – Comics Books & Traditional Animation

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**Art**
- ARTH 250 Modern Art
- ARTS 106 Drawing I
- ARTS 125 Practices I
- ARTS 126 Practices II
- ARTS 141 Introduction to Art and Ecology
- ARTS 130 Introduction to Electronic Art
- ARTS 231 Video Art
- ARTS 232 Sound Art
- ARTS 289 Digital Imaging Techniques
- ARTS 330 Intermediate Electronic Art
- ARTS 332 Sound Art II (Prereq: 232)
- ARTS 358/458 Nature & Technology
- ARTS 431 Advanced Time Based Media (Prereq: ARTS 331 permission of instructor)
- ARTS 432 Special Projects in Electronic Art I
- ARTS 433 Special Projects in Electronic Art II
- ARTS 434 Immersive Media (Prereqs: ARTS 330 & permission of instructor)
- ARTS 435 The Art of Transmission (Restriction: permission of instructor)
- ARTS 389 Topics in Studio Art
- ARTS 494 Advanced Topics in Computer Generated Imaging

**Business**
- IFDM 491 Digital Marketing
- MGMT 190 Special Topics in Management [The Business of Social Networking]
- MGMT 322 Marketing Management (Prereq: ENGL 102 and ECON 106)
- MGMT 329 Data Management and Databases
- MGMT 461 System Development Project (Prereq: MGMT 329 – Pre or corequisite MGMT 331)  
  (to specialize in web social networks)
- MGMT 450 Computer-Based Information Systems [Creative IT: Multi-User Virtual Environments]  
  (to specialize in 3D/mobile social networks)

**CGI Special Effects**

**Technical track:**
- CS 394/ARTS 394 CGI and Animation
- CS 494/ARTS 494/594 Advanced Topics in Computer Generated Imagery
- ECE 331 or CS 361L(Prereq: ECE 231 & MAT 327 – Coreq: ECE 340)
- ECE/CS 412 Introduction to Computer Graphics – Scanline Algorithms (Prereq: ECE 331 or CS 361L)
- ECE/CS 413 Introduction to Ray and Vector Graphics (Prereq: ECE 331 or CS 361L)
- ECE/CS 512 Advanced Image Synthesis

**Art track:**
- CS 394/ARTS 394 CGI and Animation
- CS 494/ARTS 494/594 Advanced Topics in Computer Generated Imagery
- IFDM 491 Visual Effects Pipeline
- IFDM 491 Introduction to Maya: Foundation

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IFDM 491 Advanced Topics in Maya: Production
IFDM 491 3D Composting for CGI

**Design, Immersive & Interactive Media**
ARTS 434 Immersive Media (Prereqs: ARTS 330 & permission of instructor)
ARTS 435 The Art of Transmission (Restriction: permission of instructor)
CJ 279 Web Design [Electronic Publishing]
CJ 374 Design & Visual Presentation I
CJ 474 Design & Visual Presentation II [Prereq: CJ 374 with a grade of B or better; permission of instructor]
IFDM 491 Design Elements: An Exploration
IFDM 491 Immersive Media & Interactive Visualization
IFDM 491 Visualization of Data

**Design for Performance**
THEA 196 Introduction to Stage Lighting
THEA 292 Rendering for Stage, Screen & New Media
THEA 293 Fundamentals of Design Theory for Performance and New Media
THEA 296 Lighting Methods and Equipment (Prereq: THEA 196)
THEA 304 Make Up Design for Stage Film & Television
THEA 370 2-D CAD and 3-D Viz.
THEA 371 Digital Imagery and Production
THEA 386 Light Aesthetics
THEA 387 Design History and Styles
THEA 390 Scenic Painting for Stage and Screen (Prereq: THEA 192 & THEA 292)
THEA 391 Advanced Scenic Techniques
THEA 392 Introduction to Scenic Design for Performance and New Media (Prereq: THEA 105 and THEA 292)
THEA 394 Costume Design I (Prereq: THEA 105 and THEA 194)
THEA 396 Lighting Design I (Prereq: THEA 105 and THEA 196)
THEA 492 Advanced Scenic Design for Stage, Screen, and New Media (Prereq: THEA 392)
THEA 494 Costume Design II (Prereq: THEA 394)
THEA 470 Architectural Modeling, Visualization, and Presentation for Designers
THEA 472/572 3-D Modeling and Animation for Designers
THEA 473 Interactive Design & Technology
THEA 475/575 Special Topics in Computer for Design
THEA 492 Advanced Scenic Design for Stage, Screen & New Media (Prereq: 392)

**Documentary Film**
IFDM 491 Culture in Documentary Film (Fall 2012)
IFDM 491 Digital Documentary Production (Spring 2013)
MA 111 Technical Introduction to Video Production
MA 216 Topics in Video Making (Prereq: MA 111)
MA 324/ENG 324 Introduction to Screenwriting (Prereq: ENGL 224)
MA 332/432 Documentary Film History

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Faculty list suggested elective courses below:

MA 409 Advanced Video Art (Restriction: permission of instructor)
CJ 464 News Documentaries (Prereq: CJ 460)
MA 429 Topics in Production
MA 432/332 Documentary Film History
MA 496 Undergraduate Production Project

Film & Television
IFDM 491 Culture in Documentary Film
IFDM 491/CJ 463 Techniques of Television Production
IFDM 491 Storyboarding
IFDM 491 Producing Visual Content for Political Campaigns
IFDM 491 Digital Documentary Production
IFDM 491 Red Camera Seminar (Summer 2012)
IFDM 491 Digital Cinematography (Spring 2013)
MA 111 Technical Introduction to Video Production
MA 210 Introduction to Film
MA 216 Topics in Video Making (Prereq: MA 111)
MA 324/ENG 324 Introduction to Screenwriting (Prereq: ENGL 224)
MA 326 History of Film I: Silent (Prereq: MA 210)
MA 327 History of Film II: Sound (Prereq: MA 210)
MA 330 Studies in Film
MA 339 Russian Culture & History through Film
MA 409 Advanced Video Art (Restriction: permission of instructor)
MA 390 Topics in Elements of Filmmaking
MA 391 16mm Filmmaking
MA 410/310 Latin American Film
MA 429 Topics in Production
MA 431/331 Film Theory (Prereq: MA 210)
MA 433/333 Film Noir (Prereq: MA 210)
MA 434/334 Teen Rebels
MA 435/335 International Horror Film
MA 436/336 Images of Women (Restriction junior & senior standing)
MA 437 Alfred Hitchcock
MA 496 Undergraduate Production Project

Game Design & Development/Digital Storytelling
Technical track:
CS 394 CGI and Animation
CS 494/594 Advanced Topics in Computer Generated Imagery
ECE/CS 412 Introduction to Computer Graphics – Scanline Algorithms (Prereq: ECE 331 or CS 361L)
ECE/CS 513 Real-Time Rendering and Graphics Hardware (Prereq: ECE 412)

Art track:
IFDM 491 Introduction to Maya: Foundation
IFDM 491 Intro to 3D Game Development

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**IFDM 491 Storytelling for Emergent Media**
**IFDM 491 Advanced Topics in Maya: Production**
**ARTS 394 CGI and Animation**
**CS 494 Advanced Topics in Computer Generated Imagery**

**Interdisciplinary Areas**
**ARTH 101** Introduction to Art I
**ARTH 201** History of Art I
**ARTH 202** History of Art II
**ARTH 420** History of Graphic Arts I
**ARTH 421** History of Graphic Arts II
**ARTH 422** Contemporary Architecture (Restriction: enrolled in BFA ARTH or BAA Arch)
**ARTH 429** Topics in Art History
**AMST 186** Introduction to Southwest Studies
**AMST 320** Topics in Environment, Science and Technology
**ARTS 358** Nature & Technology (Restriction: permission of instructor)
**CJ 268** Media Theories
**ENGL 224** Introduction to Creative Writing (Prereq: ENGL101)
**ENGL 419** Visual Rhetoric
**HST 439** History of Science and Technology in the US
**PHYC 105** Physics and Society
**PHYC 108** Introduction to Musical Acoustics
**WMST 357** Media-Arts and Women

**Music**
**IFDM 491** Fundamentals of Music Technology
**IFDM 491 Sound Production-II**
**IFDM 491 Entering the Twilight Zone: Music and Sound Production for Film**
**MUS 271** Music Today
**MUS 305** Composition I (Prereq: MUS 254)
**MUS 306** Composition II (Prereq: MUS 305)
**MUS 311** Computer Applications I
**MUS 380** Recording Techniques I
**MUS 412** Computer Applications II
**MUS 416** Studies in Twentieth –Century Music (Prereq: MUS 361 & MUS 362)
**MUS 481** Recording Techniques II

**Photography & Digital Media**
**ARTH 425** 19th Century Photography
**ARTH 426** 20th Century Photography
**ARTH 427** Contemporary Photography
**ARTS 187** Introduction to Photography
**ARTS 188** Visualizing Ideas Using Photography (Prereq: ARTS 187)
**ARTS 287** Black & White Photography
**ARTS 288** Color Techniques in Photography (Prereq: ARTS 188)
**ARTS 289** Digital Imaging Techniques
**IFDM 491 –** Photography for Film & Digital Media

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