### Course Title
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**New Pedagogies: 9.0**

- **Unsettling Ground - Retiring the God View**
  - A M 10:00AM 12:50PM MM 303 Pittsburgh, Pennsylvania Sindi

- **Material Regeneration**
  - B W 09:00AM 11:50AM MM 321 Pittsburgh, Pennsylvania Kwon

- **A Multiple-Making Approach to Inquiry in Craft + Computation**
  - C F 09:00AM 12:20PM MM C4 Pittsburgh, Pennsylvania Noel

**The Chair**

- A MF 10:00AM 11:50AM CFA 211 Pittsburgh, Pennsylvania Achnani

**Discourse and Praxis in the Climate Emergency**

- VAR A3 11:00AM 12:20PM MM 307 Pittsburgh, Pennsylvania Anklesaria

**Structural Design 1: Form and Forces**

- 6.0 A TR 11:00AM 12:20PM GHC 4307 Pittsburgh, Pennsylvania Lee

**Detailing Architecture**

- 9.0 A F 09:30AM 12:20PM MM 307 Pittsburgh, Pennsylvania Damiani

**Perspective**

- 9.0 A R 02:00PM 04:50PM CFA 206A Pittsburgh, Pennsylvania Cooper

**Material Histories**

- 9.0 A MW 11:00AM 12:20PM MM 409 Pittsburgh, Pennsylvania Torello

**Constructing Value(s): Economies of Design**

- 6.0 A T 09:00AM 10:50AM CFA 214 Pittsburgh, Pennsylvania Volcy

**Issues of Practice**

- 6.0 A R 10:00AM 11:50AM MM 103 Pittsburgh, Pennsylvania Coppedge

**Ethics and Decision Making in Architecture**

- 6.0 A T 10:00AM 11:50AM MM 103 Pittsburgh, Pennsylvania Vavasis

**Advanced Synthesis Options Studio II**

- 18.0 Lec TR 01:00PM 04:50PM POS 146 Pittsburgh, Pennsylvania Arscott
- A TR 01:00PM 04:50PM MM 312 Pittsburgh, Pennsylvania Bista
- B TR 01:00PM 04:50PM MM 312 Pittsburgh, Pennsylvania Bizon
- C TR 01:00PM 04:50PM MM 312 Pittsburgh, Pennsylvania Cupkova
- D TR 01:00PM 04:50PM MM 312 Pittsburgh, Pennsylvania Damiani
- E TR 01:00PM 04:50PM CFA 200 Pittsburgh, Pennsylvania Garofalo
- F TR 01:00PM 04:50PM CFA 200 Pittsburgh, Pennsylvania Hayes
- G TR 01:00PM 04:50PM CFA 200 Pittsburgh, Pennsylvania Lee

**EX-CHANGE: Exhibition & Publication in Practice**

- 3.0 A MW 09:00AM 09:50AM MM 307 Pittsburgh, Pennsylvania Rafson

**Modern Mexico & Guatemala: 19th-21st Century Architecture**

- 9.0 A TR 03:30PM 04:50PM CFA 102 Pittsburgh, Pennsylvania Shaw
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Material Regeneration
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New Pedagogies
A Multiple-Making Approach to Inquiry in Craft + Computation
C F 09:00AM 12:20PM MM C4 Pittsburgh, Pennsylvania Noel

Carnival Gateway Special Project
VAR A4 M 06:30PM 07:50PM CFA 206A Pittsburgh, Pennsylvania Khan

Carnival Gateway Project Management
VAR A M 06:30PM 07:50PM CFA 206A Pittsburgh, Pennsylvania Khan
B M 06:30PM 07:50PM CFA 206A Pittsburgh, Pennsylvania Achnani

Discourse and Praxis in the Climate Emergency
VAR A3 M 11:00AM 12:20PM MM 307 Pittsburgh, Pennsylvania Anklesaria

Machine Intelligence, Cybernetics and Design
9.0 A WF 02:00PM 03:20PM MM 307 Pittsburgh, Pennsylvania Temizel, Pangaro

Structural Design 2: Materials and Analysis
9.0 A TR 02:00PM 03:20PM WEH 4707 Pittsburgh, Pennsylvania Lee

M.Arch Studio: Praxis II: 18.0
Praxis 2:
A MWF 02:00PM 04:50PM MM 320 Pittsburgh, Pennsylvania Davis, Huber, Sawyer

History of Modern Architecture
VAR A MW 10:00AM 10:50AM MM A14 Pittsburgh, Pennsylvania Gutschow

History of Asian Architecture
9.0 A MW 11:00AM 12:20PM CMU REMOTE Pittsburgh, Pennsylvania Chen

M.Arch Pre-Thesis
3.0 A F 09:00AM 09:50AM MM 321 Pittsburgh, Pennsylvania Goral

Materiality and Construction Systems
9.0 A TR 09:30AM 10:50AM POS 146 Pittsburgh, Pennsylvania Ficca

Ethics and Decision Making in Architecture
6.0 A T 04:00PM 05:50PM WEH 5403 Pittsburgh, Pennsylvania Vavasis

Design Leadership
6.0 A R 09:00AM 10:50AM CFA 206A Pittsburgh, Pennsylvania Krissel

Constructing Value(s): Economies of Design
VAR A T 06:00PM 07:50PM CFA 214 Pittsburgh, Pennsylvania Darga Ozutemiz

Advanced Synthesis Options Studio II: M.Arch
18.0 Lec TR 01:00PM 04:50PM MM 312 Pittsburgh, Pennsylvania Instructor TBA
A TR 01:00PM 04:50PM MM 312 Pittsburgh, Pennsylvania Bista
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C TR 01:00PM 04:50PM MM 312 Pittsburgh, Pennsylvania Cupkova
D TR 01:00PM 04:50PM MM 312 Pittsburgh, Pennsylvania Damiani
E TR 01:00PM 04:50PM CFA 200 Pittsburgh, Pennsylvania Garofalo
F TR 01:00PM 04:50PM MM 312 Pittsburgh, Pennsylvania Hayes
G TR 01:00PM 04:50PM CFA 200 Pittsburgh, Pennsylvania Lee

Material Histories
9.0 A MW 11:00AM 12:20PM MM 409 Pittsburgh, Pennsylvania Torello
MArch Thesis
18.0 A TR 01:00PM 04:50PM MM 320 Pittsburgh, Pennsylvania Rafson

Hines Competition
3.0 A3 TBA TBA Pittsburgh, Pennsylvania Danes

Design and Documentation in Revit
VAR A M 09:30AM 10:50AM MM All Pittsburgh, Pennsylvania Sawyer

Shaping Daylight Through Simulation and Virtual Reality
9.0 A W 10:00AM 12:20PM MM 415IW Pittsburgh, Pennsylvania Sawyer

Practicum
0-36 A TBA TBA Pittsburgh, Pennsylvania Cupkova

Practicum
B TBA TBA Pittsburgh, Pennsylvania Instructor TBA
C TBA TBA Pittsburgh, Pennsylvania Instructor TBA
D TBA TBA Pittsburgh, Pennsylvania Cupkova
E TBA TBA Pittsburgh, Pennsylvania Instructor TBA
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Master’s Project
18-36 A TBA TBA Pittsburgh, Pennsylvania Cardoso Llach
B TBA TBA Pittsburgh, Pennsylvania Cochran
C TBA TBA Pittsburgh, Pennsylvania Kim
D TBA TBA Pittsburgh, Pennsylvania Krishnamurti
E TBA TBA Pittsburgh, Pennsylvania Loftness
F TBA TBA Pittsburgh, Pennsylvania Instructor TBA
G TBA TBA Pittsburgh, Pennsylvania Instructor TBA
H TBA TBA Pittsburgh, Pennsylvania Instructor TBA

Internship (MS & PhD)
0-18 A TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA
I TBA DNM DNM Pittsburgh, Pennsylvania Loftness
R TBA DNM DNM Pittsburgh, Pennsylvania Lee

Urban Design Studio II: Urban Systems
18.0 A MWF 02:00PM 04:50PM MM 320 Pittsburgh, Pennsylvania Rehman, Brooks Takahashi

Urban Design Studio IV: 18.0

Commoning the City
A TR 01:00PM 04:50PM MM 312 Pittsburgh, Pennsylvania Kline

Paradigms of Research in Architecture
VAR A MW 08:30AM 09:50AM MM 415IW Pittsburgh, Pennsylvania Lee

Graduate Seminar 2: Issue of Global Urbanization
3-9 A W 07:00PM 08:20PM MM 415IW Pittsburgh, Pennsylvania Nisa

MUD Urban Ecology
9.0 A T 06:00PM 08:50PM MM 415IW Pittsburgh, Pennsylvania Mondor

MSCD Pre-Thesis 1
6.0 A W 10:00AM 11:50AM MM 307 Pittsburgh, Pennsylvania Byrne, Erdolu

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60241 Black and White Photography II

10.0 A TR 02:00PM 04:50PM MM B10 Pittsburgh, Pennsylvania Gruzsk
60250 Intermediate Studio: Painting

10.0 A MW 02:00PM 04:50PM CFA 304 Pittsburgh, Pennsylvania Ray
60251 Intermediate Studio: Print Media

10.0 A TR 02:00PM 04:50PM DH C301 Pittsburgh, Pennsylvania Ebersole
60253 Intermediate Studio: Fundamentals of Figuration

10.0 A MW 07:00PM 09:50PM CFA 304 Pittsburgh, Pennsylvania Ferrell
60255 Intermediate Drawing Studio: Trails of Touch

10.0 A MW 02:00PM 04:50PM CFA 308 Pittsburgh, Pennsylvania Johnson
60258 Intermediate Studio: Screenprint

10.0 A MW 08:00AM 10:50AM DH C300 Pittsburgh, Pennsylvania Yeh
60263 Intermediate Studio: Graphic Novel

10.0 A TR 07:00PM 09:50PM CFA 313 Pittsburgh, Pennsylvania Pena
60276 Photography and the Ephemeral

10.0 A F 08:00AM 10:50AM MM B14 Pittsburgh, Pennsylvania Martello
60337 IDeATe Special Topics in Animation: Storyboarding

6.0 A4 MW 07:00PM 08:50PM CMU REMOTE Pittsburgh, Pennsylvania Lim Haas
60356 Critical Studies: Once Upon A Time: A Survey of International Fairy Tale Film

9.0 A T 07:00PM 09:50PM CFA 307 Pittsburgh, Pennsylvania Silver
60362 Critical Studies: Art Writer: Writing as Object, Criticism, and Experiment

9.0 A T 07:00PM 09:50PM CFA 310 Pittsburgh, Pennsylvania Ragona
60367 Critical Studies: Wanderlust: Art and Nature

9.0 A M 12:00PM 01:50PM CFA 303 Pittsburgh, Pennsylvania Beck
60369 Critical Studies: DEEP FAKE, AI and Beyond: Posthumanism & Contemporary Art

9.0 A W 07:00PM 09:20PM CFA 307 Pittsburgh, Pennsylvania Ragona
60375 Large Format Photography: The Antiquarian Avant-Garde

10.0 A TR 08:00AM 10:50AM MM B10 Pittsburgh, Pennsylvania Blum
60398 Critical Studies: Social History of Animation

9.0 A TR 12:30PM 01:50PM CFA 303 Pittsburgh, Pennsylvania Duesing
60399 Critical Studies Independent Study

9.0 A TBA DNM DNM Pittsburgh, Pennsylvania Barrois
B TBA DNM DNM Pittsburgh, Pennsylvania Ragona
C TBA DNM DNM Pittsburgh, Pennsylvania Chodos
60402 Senior Studio

10.0 A TR 02:00PM 04:50PM CFA 303 Pittsburgh, Pennsylvania Merrell, Hansen, Hend
60404 Advanced ETB: Digitally Mediated Performance

10.0 A F 10:00AM 12:50PM HL A10A Pittsburgh, Pennsylvania Yoo
F 02:00PM 04:50PM HL A10A Pittsburgh, Pennsylvania
60407 IDeATe: Experimental Sound Synthesis

9.0 A TR 12:00PM 01:50PM HL A10A Pittsburgh, Pennsylvania Hsieh
60409 Advanced ETB: Decolonizing Data Beyond Metaphor

10.0 A TR 07:00PM 09:50PM CMU REMOTE Pittsburgh, Pennsylvania Morehshin
60415  Advanced ETB: Animation Studio: 10.0

Chinese Mythology and Animation
A       MW 02:00PM 03:20PM CFA 303 Pittsburgh, Pennsylvania        Liu, DeYoung
MW 02:00PM 03:20PM CFA 317 Pittsburgh, Pennsylvania

60424  Advanced ETB: Animation Studio:: 10.0

AI Generated Animation
A       MW 07:00PM 09:50PM CFA 317 Pittsburgh, Pennsylvania        Andrew

60430  Advanced SIS: Open Sculpture
       A       MW 02:00PM 04:50PM DH B302 Pittsburgh, Pennsylvania        Toure

60433  Advanced SIS: Ceramics
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60453  Advanced DP3: Painting: 10.0

Advanced DP3: Painting - Lump, Clump, Nestle, Merge: Drawing Complexity
A       MW 07:00PM 09:50PM CFA 415 Pittsburgh, Pennsylvania        Johnson

60457  Advanced DP3: Painting - Reverence And Representation
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60462  Advanced DP3: Painting Matter & Substance
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60469  Advanced DP3: Special Topic:: 10.0

Print and Resistance
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60474  Advanced DP3: Photobook
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60499  Studio Independent Study
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C TBA DNM DNM Pittsburgh, Pennsylvania        Barrois
D TBA DNM DNM Pittsburgh, Pennsylvania        Hansen, Merrell, Henderson, Johnson
E TBA DNM DNM Pittsburgh, Pennsylvania        Merrell
G TBA DNM DNM Pittsburgh, Pennsylvania        DeYoung
H TBA DNM DNM Pittsburgh, Pennsylvania        Levin
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60590  Internship
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60703  M.F.A. Studio
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**Arts & Entertainment Management**

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Commercialization and Innovation: Strategy
Commercialization and Innovation: Strategy
Finance II
Corporate Finance
Corporate Finance
Corporate Finance
Venture Capital & the Finance of Innovation
International Finance
Marketing Research
Pricing Strategy
Marketing Research
Marketing Research
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O4  M  07:00PM 08:15PM TBA  Pittsburgh, Pennsylvania  Lu

45832  Brand Strategy: 6.0
Brand Strategy

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45833  New Product Management
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E4  M  06:30PM 10:00PM TEP 2202  Pittsburgh, Pennsylvania  Kim
45836  Consumer Behavior
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E4  W  06:30PM 10:00PM TEP 2202  Pittsburgh, Pennsylvania  Olivola

45840  Negotiations: 6.0
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B3  MW  02:00PM 03:45PM TEP 2202  Pittsburgh, Pennsylvania  Shea

45841  Team Conflict and Multiparty Negotiation: 6.0
Team Conflict and Multiparty Negotiation

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Team Conflict and Multiparty Negotiation
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45843  Organization Power and Influence: 6.0
Organization Power and Influence

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Organization Power and Influence
Organization Power and Influence
B3  TR  02:00PM 03:45PM TEP 2118  Pittsburgh, Pennsylvania  Chow

45844  Global and Distributed Teams
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Managing Across Cultures: 6.0

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M3 W 08:30PM 09:45PM TBA Pittsburgh, Pennsylvania Hahl

Ethics and Artificial Intelligence: 6.0

Ethics and AI
A4 TR 02:00PM 03:45PM TEP 2110 Pittsburgh, Pennsylvania Leben
B4 TR 04:00PM 05:45PM TEP 2202 Pittsburgh, Pennsylvania Leben

Data Mining: 6.0

Data Mining
M4 R 08:15PM 09:30PM TBA Pittsburgh, Pennsylvania Collier

Demand Management & Price Optimization: 6.0

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Six Sigma Tools and Techniques: 6.0

Six Sigma Tools and Techniques
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Supply Chain Management: 6.0

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Supply Chain Management
Supply Chain Management
M4 M 08:15PM 09:30PM TBA Pittsburgh, Pennsylvania Sul

Operations Strategy: 6.0

Operations Strategy
M4 T 08:30PM 09:45PM TBA Pittsburgh, Pennsylvania Cho

Design Thinking for Organizational Transformation: 6.0

Design Thinking
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Service Design Leadership for Tackling Complexity: 6.0

Service Design Leadership for Tackling Complexity
A4 TR 04:00PM 05:45PM TEP 2118 Pittsburgh, Pennsylvania Chapman

Strategic Corporate Management: 6.0

Strategic Corporate Management
E3 W 06:30PM 10:00PM TEP 2111 Pittsburgh, Pennsylvania Miller

Technology Strategy: 6.0

Technology Strategy
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45997 Independent Study
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45998 Independent Study
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46740 Managing People and Teams: 6.0

Managing People and Teams
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46751 Accelerate Leadership
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46800 Research Practicum: 0.0

Research Practicum
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46870 Business Fundamentals for High Tech Product Management: 12.0

Business Fundamentals for High Tech Product Management
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46871 Principles of Product Management: 6.0

Principles of Product Management
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46872 Product Marketing: 6.0

Product Marketing
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46873 Business Presentations For Product Managers: 6.0

Business Presentations for Product Managers
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46884 Modern Data Management
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46885 Data Exploration and Visualization
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46886 Machine Learning Fundamentals: 6.0
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R4 MW 03:30PM 05:00PM TCS 250 Pittsburgh, Pennsylvania Kuchibhotla
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Stochastic Calculus for Finance II
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Presentations for Computational Finance
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I4 TR 10:00AM 11:30AM TCS 250 Pittsburgh, Pennsylvania Depretis
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A3 T 06:30PM 08:15PM TEP 2112 Pittsburgh, Pennsylvania Mani
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47952 Estimating Dynamic and Structural Models 6.0  A3  M  02:00PM 04:50PM TEP 4219 Pittsburgh, Pennsylvania Singh

47954 Human and Algorithmic Bias 6.0  A4  T  12:00PM 02:50PM TEP 5222 Pittsburgh, Pennsylvania Huang

47990 Sem. in Strategic Mgmt:Core Strategy Research/Implications for Teaching Strategy 6.0  A3  R  12:25PM 04:15PM TEP 5222 Pittsburgh, Pennsylvania Lee

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47997 Doctoral Independent Study VAR  A4  TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

47998 Tepper PhD Internship 3-36  A  TBA DNM DNM Pittsburgh, Pennsylvania Montgomery

70050 Study Abroad 70051 Study Abroad

70100 Global Business 9.0  A  TR  11:00AM 12:20PM TEP 2700 Pittsburgh, Pennsylvania Alleruzzo

70104 Business Leadership Endeavor I: 3.0

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Business Leadership Endeavor I B3  T  11:00AM 12:20PM TEP 3808 Pittsburgh, Pennsylvania Jafry O’Connor

Business Leadership Endeavor I TBA

Business Computing: 9.0

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Business Computing B  TR  11:00AM 12:20PM TEP 3801 Pittsburgh, Pennsylvania Mukhopadhyay

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Business Computing D  TR  03:30PM 04:50PM TEP 3801 Pittsburgh, Pennsylvania Mukhopadhyay

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B       MW  02:00PM 03:20PM TEP 2610  Pittsburgh, Pennsylvania  Denes

Business Language Analytics: Mining Financial Texts and Graphs
9.0 A       MW  02:00PM 03:20PM TEP 2612  Pittsburgh, Pennsylvania  Liang

Internship
3.0 A       TBA  DNM DNM Pittsburgh, Pennsylvania  Jafry O’Connor

Honors Thesis I
3-18 W       TBA  DNM DNM Doha, Qatar  Farooqi

Honor Thesis II
3-18 A       TBA  DNM DNM Pittsburgh, Pennsylvania  Hollifield

Independent Study in Management
3-18 A       TBA  DNM DNM Pittsburgh, Pennsylvania  Hollifield

Independent Study in Marketing
3-18 A       TBA  DNM DNM Pittsburgh, Pennsylvania  Hollifield

Independent Study in Organizational Behavior
3-18 A       TBA  DNM DNM Pittsburgh, Pennsylvania  Hollifield

Independent Study in Finance
3-18 A       TBA  DNM DNM Pittsburgh, Pennsylvania  Hollifield, Liang, Zetlin-Jones

Independent Study Management Information Systems
3-18 A       TBA  DNM DNM Pittsburgh, Pennsylvania  Hollifield

Independent Study in Business Communications
3-18 A       TBA  DNM DNM Pittsburgh, Pennsylvania  Hollifield

Independent Study in International Management
3-18 A       TBA  DNM DNM Pittsburgh, Pennsylvania  Hollifield

Independent Study in Entrepreneurship
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Independent Study in Operations Management or Operations Research
VAR A       TBA  DNM DNM Pittsburgh, Pennsylvania  Hollifield

CFA Interdisciplinary
62051   Study Abroad
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Introduction to Flameworking:  3.0
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Introduction to Flameworking
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Intro to Stained Glass:  3.0
TBA
62459

Flame 2: The Next Step:  3.0
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62462

Flame 2: The Next Step
TBA
62462

Intermediate Stained Glass
3.0
TBA
62469

Photobook
10.0
TBA
62474

IDEaTe: digiTOOL:
9.0
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62478

Urban Nature, Architecture and the Modern South Asian City
9.0
TBA
62525

Interaction and Expression using Pausch Bridge Lighting
4.0
TBA
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Generative Systems for Design
VAR
TBA
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Theater Architecture I
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Energy Demand and Utilization
A3 TR 10:00AM 11:50AM WEH 5421 Pittsburgh, Pennsylvania Blackhurst

Energy Policy and Economics
6.0 A4 TR 10:00AM 11:50AM HH B131 Pittsburgh, Pennsylvania Muller

Independent Study Interaction Design Studio
1-12 A TBA TBA Pittsburgh, Pennsylvania Instructor TBA

Special Topics in Design
3-18 A TBA TBA Pittsburgh, Pennsylvania Instructor TBA

Rapid Prototyping of Computer Systems: 12.0

Rapid Prototyping of Computer Systems
A MW 03:30PM 04:50PM DH A302 Pittsburgh, Pennsylvania Martelaro, Smailagic

Masters EST&P Project
VAR A TBA DNM DNM Pittsburgh, Pennsylvania Salvador
B TBA DNM DNM Pittsburgh, Pennsylvania Salvador

Career & Professional Development for Engineering Masters Students: 3.0

Career & Professional Development for Engineering Masters Students
A3 F 10:00AM 11:50AM HH B131 Pittsburgh, Pennsylvania Foy

Career & Professional Development for Engineering Masters Students
B3 F 02:00PM 03:50PM HH B103 Pittsburgh, Pennsylvania Foy

CM Institute for Strategy and Tech

Study Abroad
84051 A TBA DNM DNM Pittsburgh, Pennsylvania Cronin

Foundations of Political Economy
9.0 A T 07:00PM 09:50PM POS 145 Pittsburgh, Pennsylvania Counselman

Research Training: Carnegie Mellon Institute for Strategy and Technology
6,9 A TBA DNM DNM Pittsburgh, Pennsylvania Chin
B TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

Tomorrow’s Professionals
3.0 A4 W 07:00PM 08:20PM CMU REMOTE Pittsburgh, Pennsylvania Bartos
B4 TBA DNM DNM Pittsburgh, Pennsylvania Bartos

Writing for Political Science and Policy
9.0 A TR 09:30AM 10:50AM BH 255A Pittsburgh, Pennsylvania Bartos

Data Science for Political Science
9.0 A MW 03:30PM 04:50PM BH 235B Pittsburgh, Pennsylvania Liu

Comparative Politics
9.0 A MW 12:30PM 01:50PM POS 152 Pittsburgh, Pennsylvania Arana

In the News: Analysis of Current National Security Priorities
6.0 A3 TR 12:30PM 01:50PM PH 226C Pittsburgh, Pennsylvania Bartos

Latin American Politics
9.0 A MW 09:30AM 10:50AM PH 226B Pittsburgh, Pennsylvania Arana
Terrorism in Sub-Saharan Africa  
6.0  A4  TR  12:30PM 01:50PM PH 226C Pittsburgh, Pennsylvania  Bartos

Defense PPBE in the Age of Emerging Technologies  
6.0  A3  TR  02:00PM 03:20PM WEH 5328 Pittsburgh, Pennsylvania  Zisa

Civil-Military Relations  
9.0  A  M  07:00PM 09:50PM POS 145 Pittsburgh, Pennsylvania  Dunigan

Nonviolent Conflict and Revolution  
9.0  A  MW  11:00AM 12:20PM GHC 4102 Pittsburgh, Pennsylvania  Chin

War and Peace in the Contemporary Middle East  
9.0  A  TR  11:00AM 12:20PM GHC 4102 Pittsburgh, Pennsylvania  Silverman

The Future of Democracy  
9.0  A  MW  09:30AM 10:50AM PH 226C Pittsburgh, Pennsylvania  Chin

Contemporary American Foreign Policy  
9.0  A  TR  03:30PM 04:50PM PH 226B Pittsburgh, Pennsylvania  Stravers

The History and Practice of Economic Statecraft  
6.0  A3  R  05:30PM 08:20PM MDC 522 Washington, District of Columbia: Dulles Hansen

Implementing Public Policy: From Good Idea To Reality  
12.0  A  M  02:30PM 05:20PM MDC 522 Washington, District of Columbia: Dulles Crawford

Advocacy, Policy and Practice  
6.0  A4  R  05:30PM 08:20PM MDC 522 Washington, District of Columbia: Dulles Wheeler

Representation and Voting Rights  
9.0  A  TR  12:30PM 01:50PM BH A51 Pittsburgh, Pennsylvania  Cervas

The American Experiment: Unravelling the US Electoral System  
6.0  A4  TR  02:00PM 03:20PM PH 226C Pittsburgh, Pennsylvania  Kliewer

CMU/WSP Internship Seminar  
24.0  A  M  06:00PM 07:20PM MDC 522 Washington, District of Columbia: Dulles Crowell

The Politics of Fake News and Misinformation  
9.0  A  TR  02:00PM 03:20PM SH 238 Pittsburgh, Pennsylvania  Silverman

Space and National Security  
9.0  A  T  07:00PM 09:50PM PH A18A Pittsburgh, Pennsylvania  Morgan

Cyber Policy as National Policy  
6.0  A4  TR  03:30PM 04:50PM WEH 5320 Pittsburgh, Pennsylvania  Butkovic

Remote Systems and the Cyber Domain in Conflict  
9.0  A  TR  11:00AM 12:20PM WEH 5403 Pittsburgh, Pennsylvania  Schwartz

Terrorism and Insurgency  
9.0  A  MW  03:30PM 04:50PM WEH 5312 Pittsburgh, Pennsylvania  Toukan

Social Media, Technology, and Conflict  
9.0  A  TR  12:30PM 01:50PM CMU REMOTE Pittsburgh, Pennsylvania  Marcellino

Legislative Decision Making: US Congress  
9.0  A  TR  03:30PM 04:50PM PH 226C Pittsburgh, Pennsylvania  Mcgovern

Policy Seminar  
6.0  A3  W  05:30PM 07:30PM MDC 522 Washington, District of Columbia: Dulles Rishikof

Policy Seminar II  
6.0  A4  T  05:30PM 07:30PM MDC 522 Washington, District of Columbia: Dulles Lane
84498  Undergraduate Research  
3-12  
A   TBA     DNM DNM Pittsburgh, Pennsylvania   Kamlet  
B   TBA     DNM DNM Pittsburgh, Pennsylvania   Silverman  
C   TBA     DNM DNM Pittsburgh, Pennsylvania   Arana  
D   TBA     DNM DNM Pittsburgh, Pennsylvania   Chin  
E   TBA     DNM DNM Pittsburgh, Pennsylvania   Fischhoff  
F   TBA     DNM DNM Pittsburgh, Pennsylvania   Cervas  
G   TBA     DNM DNM Pittsburgh, Pennsylvania   Schwartz  
H   TBA     DNM DNM Pittsburgh, Pennsylvania   Cronin  
I   TBA     DNM DNM Pittsburgh, Pennsylvania   Liu  
J   TBA     DNM DNM Pittsburgh, Pennsylvania   Mcgovern  
K   TBA     DNM DNM Pittsburgh, Pennsylvania   Morgan  
L   TBA     DNM DNM Pittsburgh, Pennsylvania   Dunigan  

84499  Independent Study  
3-12  
A   TBA     DNM DNM Pittsburgh, Pennsylvania   Chin  
B   TBA     DNM DNM Pittsburgh, Pennsylvania   Schwartz  
C   TBA     DNM DNM Pittsburgh, Pennsylvania   Mcgovern  
D   TBA     DNM DNM Pittsburgh, Pennsylvania   Dunigan  
E   TBA     DNM DNM Pittsburgh, Pennsylvania   Fischhoff  
F   TBA     DNM DNM Pittsburgh, Pennsylvania   Arana  

84505  Undergraduate Internship  
3,6,9  
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B   TBA     DNM DNM Pittsburgh, Pennsylvania   Mcgovern  

84604  In the News: Analysis of Current National Security Priorities  
6.0  
A3   TR     12:30PM 01:50PM PH 226C Pittsburgh, Pennsylvania   Bartos  

84606  Latin American Politics  
12.0  
A   MW     09:30AM 10:50AM PH 226B Pittsburgh, Pennsylvania   Arana  

84612  Terrorism in Sub-Saharan Africa  
6.0  
A4   TR     12:30PM 01:50PM PH 226C Pittsburgh, Pennsylvania   Bartos  

84617  Defense PPBE in the Age of Emerging Technologies  
6.0  
A3   TR     02:00PM 03:20PM WEH 5328 Pittsburgh, Pennsylvania   Zisa  

84619  Civil-Military Relations  
12.0  
A   M      07:00PM 09:50PM POS 145 Pittsburgh, Pennsylvania   Dunigan  

84622  Nonviolent Conflict and Revolution  
12.0  
A   MW     11:00AM 12:20PM GHC 4102 Pittsburgh, Pennsylvania   Chin  

84623  War and Peace in the Contemporary Middle East  
12.0  
A   TR     11:00AM 12:20PM GHC 4102 Pittsburgh, Pennsylvania   Silverman  

84624  The Future of Democracy  
12.0  
A   MW     09:30AM 10:50AM PH 226C Pittsburgh, Pennsylvania   Chin  

84625  Contemporary American Foreign Policy  
12.0  
A   TR     03:30PM 04:50PM PH 226B Pittsburgh, Pennsylvania   Stravers  

84652  Representation and Voting Rights  
12.0  
A   TR     12:30PM 01:50PM BH A51 Pittsburgh, Pennsylvania   Cervas  

84654  The American Experiment: Unravelling the US Electoral System
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Computing @ Carnegie Mellon: 3.0

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Computing @ Carnegie Mellon
Computing@Carnegie Mellon - E3
E3 T 02:00PM 02:50PM WEH 5201 Pittsburgh, Pennsylvania Rupp
Computing @ Carnegie Mellon
Computing@Carnegie Mellon - F3
F3 T 03:00PM 03:50PM WEH 5201 Pittsburgh, Pennsylvania Rupp
Computing @ Carnegie Mellon
Computing@Carnegie Mellon - H3
H3 W 10:00AM 10:50AM WEH 5202 Pittsburgh, Pennsylvania Rupp
Computing @ Carnegie Mellon
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I3 W 11:00AM 11:50AM WEH 5202 Pittsburgh, Pennsylvania Rupp
Computing @ Carnegie Mellon
Computing@Carnegie Mellon - J3
J3 W 12:00PM 12:50PM WEH 5202 Pittsburgh, Pennsylvania Rupp
Computing @ Carnegie Mellon
Computing@Carnegie Mellon - K3
K3 W 01:00PM 01:50PM CFA 317 Pittsburgh, Pennsylvania Rupp
Computing @ Carnegie Mellon
Computing@Carnegie Mellon - M3
M3 W 03:00PM 03:50PM WEH 5201 Pittsburgh, Pennsylvania Rupp
Computing @ Carnegie Mellon
Computing@Carnegie Mellon - X4
X4 TBA DNM DNM Pittsburgh, Pennsylvania Rupp

Mindful Living
3.0 A3 M 10:00AM 11:50AM WEH 5320 Pittsburgh, Pennsylvania Lusk, Lehman

Intimate Relationships & Sexual Health: 6.0

Intimate Relationships and Sexual Health
A3 TR 11:00AM 12:20PM WEH 4709 Pittsburgh, Pennsylvania Bird Munoz

Seminar for Peer Mentors: 1.0

Peer Mentor
A3 T 04:40PM 06:20PM POS 280-2 Pittsburgh, Pennsylvania Walsh, Hood,

ADDvocate: Anti-Discrimination Dialogue for Social Justice course at CMU-Q
6.0 W3 MW 04:00PM 05:15PM CMB 1064 Doha, Qatar Moufid, Vincent

Introduction to Life Design: 3.0

Introduction to Life Design
A F 10:00AM 11:50AM POS 145 Pittsburgh, Pennsylvania Monahan
99352  IDeATe: Soft Fabrication Skills
1.0  A3  S  10:30AM 03:20PM HL 106B Pittsburgh, Pennsylvania Pinchuk

99353  IDeATe: Design Essentials for Laser Cutting
1.0  A3  U  12:00PM 03:00PM HL A5 Pittsburgh, Pennsylvania Knopf
      B3  S  12:00PM 03:00PM HL A5 Pittsburgh, Pennsylvania Knopf

99355  IDeATe: Introduction to Arduino
1.0  A3  F  10:00AM 02:50PM HL A10 Pittsburgh, Pennsylvania Zacharias
      B3  U  12:30PM 05:20PM HL A10 Pittsburgh, Pennsylvania Zacharias

99357  IDeATe: Pragmatic Photography
IDeATe: Pragmatic Photography
   A3  U  12:30PM 05:20PM HL 106C Pittsburgh, Pennsylvania Dyar
   A4  S  12:00PM 04:50PM HL 106C Pittsburgh, Pennsylvania Dyar

99358  IDeATe: Introduction to the Unity Game Engine
1.0  A3  S  12:00PM 04:00PM HL 106C Pittsburgh, Pennsylvania Dyar
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99359  IDeATe: 3D Modeling and 3D Printing
1.0  A3  S  12:00PM 03:00PM HL A5 Pittsburgh, Pennsylvania Patton
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99360  IDeATe: E-Textiles
1.0  A3  S  11:00AM 03:00PM HL A10 Pittsburgh, Pennsylvania Albaugh

99361  IDeATe Portal: 9.0

Learning about Learning
   A  MW  11:00AM 12:20PM HL 106C Pittsburgh, Pennsylvania Carvalho

IDeATe Portal
Intelligent Environments
   B  TR  03:30PM 04:50PM HL A10 Pittsburgh, Pennsylvania Gomez

99362  IDeATe: Intelligent Learning Spaces
9.0  A  TR  10:00AM 11:50AM HL A5 Pittsburgh, Pennsylvania Barbuto

99385  Technology, Humanity, and Social Justice: Criminal Justice: 3.0

Technology, Humanity, and Social Justice
   A4  F  05:00PM 08:00PM CMU REMOTE Pittsburgh, Pennsylvania Mozisek
   S  08:30AM 06:00PM CMU REMOTE Pittsburgh, Pennsylvania Mozisek
   U  09:00AM 01:00PM CMU REMOTE Pittsburgh, Pennsylvania Mozisek

Technology, Humanity, and Social Justice: Criminal Justice
Technology, Humanity, and Social Justice:
   B4  TBA DNM DNM Pittsburgh, Pennsylvania Mozisek

99400  Interdisciplinary Undergraduate Research
3-12  A  TBA DNM DNM Pittsburgh, Pennsylvania Burkert

99401  CMUQ ePortfolio/Capstone
   VAR  W  TBA DNM DNM Doha, Qatar Di Caro, Akguc

99402  CMUQ ePortfolio/Capstone
   VAR  W  TBA DNM DNM Doha, Qatar Instructor TBA
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| 06364  | Chemical Reaction Engineering                                           | 9.0     | A    | MW   | 03:30PM 04:50PM GHC 4215 | Pittsburgh, Pennsylvania | Jen         
| 06400  | Senior Research Project                                                 | 3-36    | A    | TBA  | DNM DNM Pittsburgh, Pennsylvania | Laird       
| 06405  | Independent Study                                                      | VAR     | A    | TBA  | DNM DNM Pittsburgh, Pennsylvania | Laird       
| 06463  | Chemical Product Design                                                | 9.0     | A    | TR   | 09:30AM 10:50AM BH A53 Pittsburgh, Pennsylvania | Gounaris     
| 06464  | Chemical Engineering Process Control                                   | 9.0     | A    | TR   | 02:00PM 03:20PM POS 153 Pittsburgh, Pennsylvania | Biegler      
| 06600  | Masters Chemical Engineering Project                                    | 1-48    | A    | TBA  | DNM DNM Pittsburgh, Pennsylvania | Laird       
| 06612  | Formulation Engineering                                                | 12.0    | Lec  | MW   | 12:30PM 01:50PM DH 1112 Pittsburgh, Pennsylvania | Tilton       
|        |                                                                        |         | A    | M    | 10:00AM 11:50AM DH A100 Pittsburgh, Pennsylvania | Tilton       
|        |                                                                        |         | B    | F    | 10:00AM 11:50AM DH A100 Pittsburgh, Pennsylvania | Tilton       
|        |                                                                        |         | C    | M    | 08:00AM 09:50AM DH A100 Pittsburgh, Pennsylvania | Tilton       
| 06625  | Chemical and Reactive Systems                                          | 12.0    | A    | TR   | 02:00PM 03:50PM DH 1212 Pittsburgh, Pennsylvania | Gordon      
| 06642  | Data Science and Machine Learning in Chemical Engineering               | 6.0     | A3   | MW   | 02:00PM 03:50PM CMU REMOTE Pittsburgh, Pennsylvania | Kitchin     
| 06643  | Creating Scientific Research Software                                   | 6.0     | A4   | MW   | 02:00PM 03:50PM CMU REMOTE Pittsburgh, Pennsylvania | Kitchin     
| 06685  | Bioseparations and Bioprocess Analytical Technologies                  | 12.0    | A    | TR   | 12:00PM 01:50PM DH 1117 Pittsburgh, Pennsylvania | Schneider    
| 06686  | ST: Polymers for a Sustainable Future                                   | 9.0     | A    | TR   | 09:30AM 10:50AM WEH 6403 Pittsburgh, Pennsylvania | Chan        
| 06700  | M.S. Research                                                          | 1-48    | A    | TBA  | DNM DNM Pittsburgh, Pennsylvania | Laird       
| 06707  | Advanced Transport Phenomena                                           | 12.0    | A    | MW   | 02:00PM 03:50PM DH 4201 Pittsburgh, Pennsylvania | Donahue      
| 06720  | Advanced Process Systems Engineering                                    | 12.0    | A    | MW   | 10:00AM 11:50AM DH 1211 Pittsburgh, Pennsylvania | Grossmann    
|        |                                                                        |         | F    | 10:00AM 11:50AM POS 152 Pittsburgh, Pennsylvania |            
| 06777  | Colloids, Polymers and Surfaces (CPS) Lab III: Adv. Characterization Methods | 6.0     | A4   | W    | 02:00PM 04:50PM DH 3200 Pittsburgh, Pennsylvania | Schneider    
| 06799  | Problems in Chemical Engineering                                       | 1,2     | A    | TBA  | DNM DNM Pittsburgh, Pennsylvania | Khair        
| 06800  | Chemical Engineering Graduate Seminar                                  | 1.0     | A    | TR   | 11:00AM 12:20PM DH 1212 Pittsburgh, Pennsylvania | Laird       
| 06820  | PSE Seminar                                                            | 1.0     | A    | F    | 04:00PM 04:50PM DH 4201 Pittsburgh, Pennsylvania | Torres       
| 06900  | Ph.D. Thesis Research                                                  | 1-48    | A    | TBA  | DNM DNM Pittsburgh, Pennsylvania | Laird       
<p>| 06995  | Internship in Chemical Engineering                                     |         |      |      |               |              |</p>
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12333  Experimental & Sensing Systems Design and Computation for Infrastructure Systems:  4.0

Experimental & Sensing Systems Design and Computation for Infrastructure Systems
Lec  R  02:00PM 03:20PM PH 107E Pittsburgh, Pennsylvania  Ozis

Experimental & Sensing Systems Design and Computation for Infrastructure Systems
A  M  09:30AM 10:50AM PH 107E Pittsburgh, Pennsylvania  Ozis
B  W  09:30AM 10:50AM PH 107E Pittsburgh, Pennsylvania  Ozis
C  R  03:30PM 04:50PM PH 107E Pittsburgh, Pennsylvania  Ozis
D  R  02:00PM 03:20PM PH 107E Pittsburgh, Pennsylvania  Ozis

12351  Environmental Engineering

9.0  A  TR  12:30PM 01:50PM WEH 5409  Pittsburgh, Pennsylvania  Francioni Rooney, Moore
B  TR  12:30PM 01:50PM WEH 5409  Pittsburgh, Pennsylvania  Moore, Francioni Rooney

12352  Environmental Engineering Lab:  3.0

TBA

Lec  T  03:30PM 04:50PM PH 107E Pittsburgh, Pennsylvania  Moore

Environmental Engineering Lab
TBA

A  T  03:30PM 04:50PM PH 107E Pittsburgh, Pennsylvania  Moore

12353  Environmental Biology and Ecology

9.0  A  TR  02:00PM 03:20PM PH A7F  Pittsburgh, Pennsylvania  Gregory

12371  Advanced Computing and Problem Solving in Civil and Environmental Engineering

9.0  A  MW  02:00PM 03:20PM POS 151 Pittsburgh, Pennsylvania  Qian
B  MW  02:00PM 03:20PM POS 151 Pittsburgh, Pennsylvania  Qian

12451  Advanced Environmental Engineering

9.0  A  TR  12:30PM 01:50PM PH A18C Pittsburgh, Pennsylvania  Fakhreddine

12471  Applied Data Analytics for Civil and Environmental Systems

9.0  A  MW  11:00AM 12:20PM POS 152 Pittsburgh, Pennsylvania  Rounce, Tober

12600  AutoCAD

3.0  A4  TBA  DNM DNM Pittsburgh, Pennsylvania  Kurland

12631  Structural Design

12.0  Lec  MW  07:00PM 08:20PM PH A7F  Pittsburgh, Pennsylvania  Thompson
A  F  08:00AM 08:50AM PH 107E Pittsburgh, Pennsylvania  Thompson

12648  CEE Research Project

3-12  A  TBA  TBA  Pittsburgh, Pennsylvania  Lowry
B  TBA  TBA  Pittsburgh, Pennsylvania  Fakhreddine
C  TBA  TBA  Pittsburgh, Pennsylvania  Tang
D  TBA  TBA  Pittsburgh, Pennsylvania  Wang

12690  Independent Study

3-9  A  TBA  TBA  Pittsburgh, Pennsylvania  Acharya
B  TBA  TBA  Pittsburgh, Pennsylvania  Christian
C  TBA  TBA  Pittsburgh, Pennsylvania  Gregory

12703  Numerical Methods in Engineering
12.0 A TR 02:00PM 03:50PM HH B103 Pittsburgh, Pennsylvania Dayal

12705 Special Topics: Designing Resilient and Sustainable Infrastructure: 12.0

Special Topics: Designing Resilient and Sustainable Infrastructure
A MW 02:00PM 03:20PM PH A7F Pittsburgh, Pennsylvania Christian

12711 BIM for Engineering, Construction and Facility Management: 12.0

TBA
A TR 07:00PM 08:20PM GHC 4307 Pittsburgh, Pennsylvania Kasireddy

12714 Environmental Life Cycle Assessment
12.0 A MW 03:30PM 04:50PM WEH 5421 Pittsburgh, Pennsylvania Ozis

12724 Biological Wastewater Treatment
12.0 Lec TR 08:00AM 09:50AM PH A7F Pittsburgh, Pennsylvania Moore
A F 08:00AM 09:50AM PH A7F Pittsburgh, Pennsylvania Moore

12725 Fate, Transport & Physicochemical Processes of Organic Contaminants in Aquatic Systems
12.0 A TR 11:00AM 12:20PM PH A7F Pittsburgh, Pennsylvania Lowry

12728 Remediation Engineering
12.0 A M 06:00PM 08:50PM GHC 4211 Pittsburgh, Pennsylvania Wice

12735 Urban Systems Modeling: 12.0

Urban Systems Modeling
A MW 11:00AM 12:20PM GHC 4301 Pittsburgh, Pennsylvania Pozzi

12749 Climate Change Adaptation: 6.0

TBA
A4 MW 12:30PM 01:50PM WEH 5421 Pittsburgh, Pennsylvania Ozis

12750 Infrastructure Management
12.0 A TR 03:30PM 04:50PM BH A53 Pittsburgh, Pennsylvania Coffelt

12755 Finite Elements in Mechanics I: 12.0

Finite Elements in Mechanics I
A TR 10:00AM 11:50AM MI 348 Pittsburgh, Pennsylvania Dayal

12770 Special Topics: Autonomous Sustainable Buildings: From Theory to Practice
12.0 A TR 12:30PM 01:50PM PH A22 Pittsburgh, Pennsylvania Berges, Fehlmann

12772 Inelasticity
12.0 A MW 12:30PM 01:50PM DH 2122 Pittsburgh, Pennsylvania Acharya

12774 Foundations of Intelligent Infrastructure Systems: 12.0

Foundations of Intelligent Infrastructure Systems
A TR 05:00PM 06:20PM PH 225B Pittsburgh, Pennsylvania Flanigan

12791 Graduate Project
0-99 A TBA TBA Pittsburgh, Pennsylvania Akinci

12792 Advanced Independent Study
0-99 A TBA TBA Pittsburgh, Pennsylvania Akinci

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**Computational Biology**

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12.0 A TR 09:30AM 10:50AM GHC 5222 Pittsburgh, Pennsylvania Carja

02402 Computational Biology Seminar
3.0 A F 10:30AM 11:50AM TBA Pittsburgh, Pennsylvania Carja

02425 Computational Methods for Proteogenomics and Metabolomics
9.0 A MW 03:30PM 04:50PM SH 238 Pittsburgh, Pennsylvania Mohimani

02450 Automation of Scientific Research
9.0 A TR 11:00AM 12:20PM BH A36 Pittsburgh, Pennsylvania Lugo-Martinez

02499 Independent Study in Computational Biology
VAR A TBA DNM DNM Pittsburgh, Pennsylvania Compeau

02500 Undergraduate Research in Computational Biology
6-24 A TBA DNM DNM Pittsburgh, Pennsylvania Compeau

02510 Computational Genomics
12.0 A MW 02:00PM 03:20PM MI 348 Pittsburgh, Pennsylvania Ma, Yu

02604 Fundamentals of Bioinformatics
12.0 A R 04:00PM 06:50PM DH 1212 Pittsburgh, Pennsylvania Compeau

02605 Professional Issues in Automated Science
3.0 A M 04:00PM 04:50PM GHC 4101 Pittsburgh, Pennsylvania Kangas

02613 Algorithms and Advanced Data Structures: 12.0

Algorithms and Advanced Data Structures
A MWF 09:00AM 09:50AM WEH 7500 Pittsburgh, Pennsylvania DeBlasio, Mohimani

02620 Machine Learning for Scientists
12.0 Lec MWF 05:00PM 05:50PM HH B131 Pittsburgh, Pennsylvania Xu, Zhang
A R 07:00PM 07:50PM GHC 4102 Pittsburgh, Pennsylvania Xu, Zhang
B F 06:00PM 06:50PM WEH 2302 Pittsburgh, Pennsylvania Xu, Zhang

02699 Independent Study in Computational Biology
VAR A TBA DNM DNM Pittsburgh, Pennsylvania Compeau

02700 M.S. Thesis Research
1-12 A TBA DNM DNM Pittsburgh, Pennsylvania Garrand

02701 CPCB Course - Current Topics in Computational Biology
3.0 A TBA DNM DNM Pittsburgh, Pennsylvania Stenger

02702 Computational Biology Seminar
3.0 A F 10:30AM 11:50AM TBA Pittsburgh, Pennsylvania Carja

02710 Computational Genomics
12.0 A MW 02:00PM 03:20PM MI 348 Pittsburgh, Pennsylvania Yu, Ma

02725 Computational Methods for Proteogenomics and Metabolomics
12.0 A MW 03:30PM 04:50PM SH 238 Pittsburgh, Pennsylvania Mohimani

02731 Modeling Evolution
12.0 A TR 09:30AM 10:50AM GHC 5222 Pittsburgh, Pennsylvania Carja

02750 Automation of Scientific Research
12.0 A TR 11:00AM 12:20PM BH A36 Pittsburgh, Pennsylvania Lugo-Martinez

02760 Laboratory Methods for Computational Biologists
9.0 Lec M 12:00PM 01:50PM WEH 5312 Pittsburgh, Pennsylvania Kangas
A TBA DNM DNM Pittsburgh, Pennsylvania Kangas
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Lec 3  MW  08:30AM 09:45AM CMB 1202 Doha, Qatar | Hammoud
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D      F   01:00PM 01:50PM BH A53 Pittsburgh, Pennsylvania Wang, Harchol-Balter
F      F   03:00PM 03:50PM WEH 4709 Pittsburgh, Pennsylvania Wang, Harchol-Balter

15281  Artificial Intelligence: Representation and Problem Solving
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A      F   12:00PM 12:50PM WEH 2302 Pittsburgh, Pennsylvania Sandholm, Shah
B      F   01:00PM 01:50PM PH 125B Pittsburgh, Pennsylvania Sandholm, Shah
C      F   01:00PM 01:50PM PH A22 Pittsburgh, Pennsylvania Sandholm, Shah
D      F   02:00PM 02:50PM PH A22 Pittsburgh, Pennsylvania Sandholm, Shah
E      F   02:00PM 02:50PM WEH 8427 Pittsburgh, Pennsylvania Sandholm, Shah

15288  Special Topic: Machine Learning in a Nutshell
9.0     W    UTR  11:30AM 12:45PM CMB 1190 Doha, Qatar Di Caro

15294  Rapid Prototyping Technologies
5.0     A3    UTR  07:00PM 08:20PM HL 106B Pittsburgh, Pennsylvania Touretzky

15295  Competition Programming and Problem Solving
5.0     A    W    07:00PM 09:50PM GHC 4307 Pittsburgh, Pennsylvania Sleator

15311  Logic and Mechanized Reasoning
9.0     A    MW  12:30PM 01:50PM NSH 1305 Pittsburgh, Pennsylvania Heule, Avigad

15312  Foundations of Programming Languages
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Database Systems
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Algorithm Design and Analysis
12.0 Lec TR 12:30PM 01:50PM DH 2315 Pittsburgh, Pennsylvania Anderson, Woodruff
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B F 10:00AM 10:50AM BH A53 Pittsburgh, Pennsylvania Anderson, Woodruff
C F 11:00AM 11:50AM BH A53 Pittsburgh, Pennsylvania Anderson, Woodruff
D F 11:00AM 11:50AM DH 1112 Pittsburgh, Pennsylvania Anderson, Woodruff
E F 12:00PM 12:50PM MM 103 Pittsburgh, Pennsylvania Anderson, Woodruff
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G F 01:00PM 01:50PM HH B131 Pittsburgh, Pennsylvania Anderson, Woodruff
H F 01:00PM 01:50PM POS 152 Pittsburgh, Pennsylvania Anderson, Woodruff

Undergraduate Complexity Theory
9.0 A TR 02:00PM 03:20PM GHC 5222 Pittsburgh, Pennsylvania Sutner

Discrete Differential Geometry
12.0 A TR 12:30PM 01:50PM GHC 4303 Pittsburgh, Pennsylvania Crane

Computer Graphics
12.0 A MW 11:00AM 12:20PM WEH 7500 Pittsburgh, Pennsylvania Pollard

Physics-Based Rendering
12.0 Lec TR 11:00AM 12:20PM SH 236 Pittsburgh, Pennsylvania Gkioulekas
A W 03:30PM 04:50PM TBA Pittsburgh, Pennsylvania Gkioulekas

Real-Time Graphics
12.0 A TR 02:00PM 03:20PM POS 151 Pittsburgh, Pennsylvania McCann

Cognitive Robotics: The Future of Robot Toys
12.0 Lec MW 04:00PM 04:50PM PH A18C Pittsburgh, Pennsylvania Touretzky
A F 03:30PM 04:50PM NSH 3206 Pittsburgh, Pennsylvania Touretzky

Introduction to Computer Systems
6,12 A TBA DNM DNM Pittsburgh, Pennsylvania Andersen, Railing, Beckmann

Independent Study in Computer Science
3-18 A TBA DNM DNM Pittsburgh, Pennsylvania Stehlik
W TBA DNM DNM Doha, Qatar Reis, Riley

Compiler Design
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Compiler Design
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51330 Communications Studio IV: Designing Communications for Social Systems
10.0 A TR 02:00PM 04:50PM MM 211 Pittsburgh, Pennsylvania Elder

51331 Advanced Calligraphy I
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51332 Advanced Calligraphy II
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51344 Advanced Digital Prototyping
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51347 Drawing from Nature
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51350 Products Studio IV: Designing Products for Social Systems
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51360 Environments Studio IV: Designing Environments for Social Systems
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51361 HyperSENSE: Augmenting Human Experience in Environments
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51364 Drawing Spaces
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51374 Preparing for Design Practice
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51382 Design Center: Design for Social Innovation
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51385 Design for Service
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51394 Design Center: Process Potluck
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51399 Junior Design Independent Study
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51400 Transition Design
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51960  Progress Reviews VII  0.0  A4  TBA  DNM DNM Pittsburgh, Pennsylvania  Chapman

51972  Coda II  0.0  A  TBA  DNM DNM Pittsburgh, Pennsylvania  Chapman

51974  Design Futures  9.0  A3  TR  03:30PM 04:50PM MM 215 Pittsburgh, Pennsylvania  Scupelli

51999  PhD Advising  0.0  A  TBA  DNM DNM Pittsburgh, Pennsylvania  Scupelli

Dietrich College Interdisciplinary

66003  Contested Histories: The Israel-Palestine Conflict  1.0  A4  TBA  DNM DNM Pittsburgh, Pennsylvania  Carver

66050  Study Abroad  0.0  A  TBA  DNM DNM Pittsburgh, Pennsylvania  Instructor TBA

66051  Study Abroad  0.0  A  TBA  DNM DNM Pittsburgh, Pennsylvania  Instructor TBA

66122  DC Grand Challenge First-Year Seminar: Beyond Earth  9.0  A  TR  02:00PM 03:20PM WEH 4625 Pittsburgh, Pennsylvania  Werner, Li

66137  DC Grand Challenge Seminar: Causes and Consequences of Health Disparities: You Make Me Sick: Causes and Consequences of Health Disparities  9.0  A  TR  11:00AM 12:20PM GHC 5222 Pittsburgh, Pennsylvania  Cox-Boyd, Sanford

66139  DC Grand Challenge Seminar: Reducing Conflict Around Identity and Positionality  9.0  A  TR  09:30AM 10:50AM WEH 5320 Pittsburgh, Pennsylvania  Youngs, Walker


66142  DC 1st Year Seminar: The Mirror of Technology: Biases in Computation & Cognition  9.0  A  TR  12:30PM 01:50PM WEH 5310 Pittsburgh, Pennsylvania  Wu

66143  DC Grand Challenge Seminar: Realizing Human Rights  9.0  A  TR  11:00AM 12:20PM WEH 5409 Pittsburgh, Pennsylvania  Aronson, Mejia

66144  DC Grand Challenge Seminar: In Transit: Exile, Migration, and Culture  9.0  A  TR  09:30AM 10:50AM GHC 4102 Pittsburgh, Pennsylvania  Brockmann, D.
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Stagecraft
Lighting (3 units)
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    TR  03:30PM 04:50PM TBA Pittsburgh, Pennsylvania
    S   08:00AM 11:00PM TBA Pittsburgh, Pennsylvania

Stagecraft
Lighting (3 units)
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Stagecraft
Sound (2 units)
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Stagecraft
Sound (2 units)
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Stagecraft
Video & Media (3 units)
  H3  MW  03:30PM 04:50PM TBA Pittsburgh, Pennsylvania  Young
    MTWRF  06:30PM 10:30PM TBA Pittsburgh, Pennsylvania
    S   08:00AM 11:00PM TBA Pittsburgh, Pennsylvania

Stagecraft
Video & Media (3 units)
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Production Planning
  54158
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Production Practicum
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RUN CREW: 1ST TIMERS
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    S   11:00AM 03:00PM PCA 107 Pittsburgh, Pennsylvania

RUN CREW: 2ND TIMERS
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    S   11:00AM 03:00PM PCA 107 Pittsburgh, Pennsylvania

RUN CREW: DP
  C  MTWRF  06:30PM 10:30PM PCA 107 Pittsburgh, Pennsylvania  Holcomb, Sahoo
    S   11:00AM 03:00PM PCA 107 Pittsburgh, Pennsylvania

Introduction to Costume Design
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Production for Non Majors
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**Movement III**

**Dialects and Accents**

**Rehearsal and Performance III**

**Macbeth**

A3  M  05:20PM - 06:20PM | PCA A35 | Pittsburgh, Pennsylvania | Haden
MTWRF  06:30PM - 10:30PM | TBA | Pittsburgh, Pennsylvania  |
S  11:00AM - 03:00PM | TBA | Pittsburgh, Pennsylvania  |

**Rehearsal and Performance III**

**Penelope**

A4  M  05:20PM - 06:20PM | PCA A35 | Pittsburgh, Pennsylvania | Kline
MTWRF  06:30PM - 10:30PM | TBA | Pittsburgh, Pennsylvania  |
S  11:00AM - 03:00PM | TBA | Pittsburgh, Pennsylvania  |

**Sender**

B3  M  05:20PM - 06:20PM | PCA A35 | Pittsburgh, Pennsylvania | Conte
MTWRF  06:30PM - 10:30PM | TBA | Pittsburgh, Pennsylvania  |
S  11:00AM - 03:00PM | TBA | Pittsburgh, Pennsylvania  |

**Lonely Planet**

B4  M  05:20PM - 06:20PM | PCA A35 | Pittsburgh, Pennsylvania | Rivera Lebron
MTWRF  06:30PM - 10:30PM | TBA | Pittsburgh, Pennsylvania  |
S  11:00AM - 03:00PM | TBA | Pittsburgh, Pennsylvania  |

**Little Night Music**

C4  M  05:20PM - 06:20PM | PCA A35 | Pittsburgh, Pennsylvania | Edinger
MTWRF  06:30PM - 10:30PM | TBA | Pittsburgh, Pennsylvania  |
S  11:00AM - 03:00PM | TBA | Pittsburgh, Pennsylvania  |

**Love and Money**

D4  M  05:20PM - 06:30PM | PCA A35 | Pittsburgh, Pennsylvania | Logan
MTWRF  06:30PM - 10:30PM | TBA | Pittsburgh, Pennsylvania  |
S  11:00AM - 03:00PM | TBA | Pittsburgh, Pennsylvania  |

**Dance III: Expand Dynamic of Dance Technique**

3.0  A  MW  01:30PM - 02:50PM | PCA 306 | Pittsburgh, Pennsylvania | Conte
B  MW  01:30PM - 02:50PM | PCA 313 | Pittsburgh, Pennsylvania |

**Jazz III**

2.0  A  F  09:30AM - 10:50AM | PCA 306 | Pittsburgh, Pennsylvania | Cousin
B  F  01:30PM - 02:50PM | PCA 306 | Pittsburgh, Pennsylvania | Cousin

**Singing for Actors III**
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Production Prep: TBA 8

Production Management

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Production Prep: TBA 8

Stage Management

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Production Prep: TBA 8

Scenic Design

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Production Prep: TBA 8

Carnegie Scenic

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Production Prep: TBA 8

Costume Design

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Production Prep: TBA 8

Lighting Design

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Production Prep: TBA 8

Lighting Production

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Production Prep: TBA 8

Sound Design

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Production Prep: TBA 8 Media

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Production Prep: Passage: 1-3

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Production Prep: Passage Dramaturgy

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Production Prep: Passage Production Management

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Production Prep: Passage Stage Management

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Production Prep: Passage Scenic Design

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Production Prep: Passage Carnegie Scenic

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Production Prep: Passage Costume Design

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Production Prep: Passage Lighting Design
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- S  11:00AM - 03:00PM TBA  Pittsburgh, Pennsylvania

**Scenic Design for Live Spaces**

- A3  W  02:00PM - 04:50PM  PCA 305  Pittsburgh, Pennsylvania  Downs

**Scenic Design for Screen Spaces**

- A4  W  02:00PM - 04:50PM  PCA 305  Pittsburgh, Pennsylvania  Downs

**Production Prep: New Works**

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- W  05:00PM - 06:20PM TBA  Pittsburgh, Pennsylvania
- S  11:00AM - 03:00PM TBA  Pittsburgh, Pennsylvania

**Production Prep: External Projects**

- C  MTWRF 06:30PM - 10:30PM TBA  Pittsburgh, Pennsylvania  Instructor TBA
- W  05:00PM - 06:20PM TBA  Pittsburgh, Pennsylvania
- S  11:00AM - 03:00PM TBA  Pittsburgh, Pennsylvania

**Production Prep: External Projects**

- D  MTWRF 06:30PM - 10:30PM TBA  Pittsburgh, Pennsylvania  Instructor TBA
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**Production Prep: External Projects**

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**Production Prep: External Projects**

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Lighting Production

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Production Prep: Love and Money: 9-21

Directing

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Stage Management

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Production Prep: Love and Money

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54462 Production Prep: Dance/Light: 9-36

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Production Prep: Lonely Planet: VAR

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Production Prep: Lonely Planet Media Design

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Advanced Topics in Stage Management: Cross-Boundaries: 6.0

Advanced Topics in Stage Management: Cross-Boundaries

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54475 Technical Direction IV: 6.0

54480 Production Prep: A Little Night Music: VAR

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Production Prep: A Little Night Music Dramaturgy

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Production Prep: A Little Night Music Management

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Production Prep: A Little Night Music Scenic Design

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Production Prep: A Little Night Music Carnegie Scenic

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Production Prep: A Little Night Music
Costume Design

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S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

Production Prep: A Little Night Music

Lighting Design

I       MTWRF   06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Thomson
W       05:00PM 06:20PM TBA Pittsburgh, Pennsylvania
S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

Production Prep: A Little Night Music

Lighting Production

J       MTWRF   06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Brown
WR      05:00PM 06:20PM TBA Pittsburgh, Pennsylvania
S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

Production Prep: A Little Night Music

Sound Design

K       MTWRF   06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Pino
W       05:00PM 06:20PM TBA Pittsburgh, Pennsylvania
S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

Production Prep: A Little Night Music

Media Design

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W       05:00PM 06:50PM TBA Pittsburgh, Pennsylvania
S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

54484 Transforming Inspiration-The Museum Class: 9.0

Transforming Inspiration-The Museum Class

A       TR      03:30PM 04:50PM PCA 310 Pittsburgh, Pennsylvania Eshelman

54489 Dramaturgy: Internship
9.0     A       TBA DNM DNM Pittsburgh, Pennsylvania Arons

54496 Internship
9-36    A       TBA DNM DNM Pittsburgh, Pennsylvania Arons, Nichols, Ross, Weild, Edinger

54497 Directed Study: 2-12

Directed Study

A       TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

54500 Voice Lab
5.0     A       R 12:30PM 01:20PM PCA 321 Pittsburgh, Pennsylvania Kline
B       R 12:30PM 01:20PM PCA 321 Pittsburgh, Pennsylvania Benack
C       R 12:30PM 01:20PM PCA 321 Pittsburgh, Pennsylvania Edinger

54505 Ear Training
1.0     A       F 11:30AM 12:20PM PCA 103 Pittsburgh, Pennsylvania Pino

54513 Millinery II
9.0     A       F 09:00AM 11:50AM PCA 308 Pittsburgh, Pennsylvania Russman

54520 Acting for the Camera
54521 Video Media Design Senior Thesis
8.0 A T 02:00PM 04:50PM PCA 115 Pittsburgh, Pennsylvania Kovitz
B R 02:00PM 04:50PM PCA 115 Pittsburgh, Pennsylvania Kovitz

54535 Costume Crafts: Fabric Modification
5.0 A4 T 09:00AM 11:50AM PCA 308 Pittsburgh, Pennsylvania Russman

54548 Sound Forum
1.0 A MW 04:00PM 04:50PM PCA 103 Pittsburgh, Pennsylvania Pino, Blackwood

54565 Dance/Light
3.0 A3 TBA DNM DNM Pittsburgh, Pennsylvania Thomson

54592 Costume Crafts: Theatrical Armor
5.0 A3 T 09:00AM 11:50AM PCA 308 Pittsburgh, Pennsylvania Russman

54601 Independent Study in Performance
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

54602 Independent Study in MT Literature and Repertoire
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

54603 Independent Study in Sound Design
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Blackwood

54604 Independent Study in Lighting Design
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Thomson

54605 Independent Study in Scenic Design
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Warren

54606 Independent Study in Costume Design
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

54607 Independent Study in Production Technology & Management
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Boevers

54608 Independent Study in Directing
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Weild

54609 Independent Study in Dramaturgy
1-12 A TBA DNM DNM Pittsburgh, Pennsylvania Young
B TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

54610 Independent Study in History
2-12 A TBA TBA Pittsburgh, Pennsylvania Instructor TBA

54611 Independent Study in Theory
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Haden

54612 Independent Study in Filmmaking
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Weild

54613 Independent Study in Dramatic Writing
2-12 A TBA DNM DNM Pittsburgh, Pennsylvania Miller

54614 Independent Study in Scenography
2-12 A TBA TBA Pittsburgh, Pennsylvania Instructor TBA

54616 MFA Director’s Lab
10.0 A MW 10:00AM 11:50AM MEL M203-A Pittsburgh, Pennsylvania Banks
MW 10:00AM 11:50AM PCA 103 Pittsburgh, Pennsylvania

54617 Independent Study in Dance
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**Sound**

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  - Pittsburgh, Pennsylvania
  - Limauro

Production Prep: Ottone in Villa (SOM 2)

**MEDIA**

- **L**
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  - Pittsburgh, Pennsylvania
  - Instructor TBA

54621 Production Prep: John Proctor: VAR

**Directing**

- **A**
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  - Pittsburgh, Pennsylvania
  - Instructor TBA

Production Prep: John Proctor

**Production Management**

- **C**
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  - Sahoo

Production Prep: John Proctor

**Stage Management**

- **D**
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  - Instructor TBA

Production Prep: John Proctor

**Scenic**

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Production Prep: John Proctor

**Scenic Design**

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Production Prep: John Proctor

**Costume Design**

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Production Prep: John Proctor

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S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

Production Prep: SOM 3
Scenic Design

E       MTWRF 06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Instructor TBA
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S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

Production Prep: SOM 3
Costume Design

G       MTWRF 06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Instructor TBA
W       05:00PM 06:20PM TBA Pittsburgh, Pennsylvania
S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

Production Prep: SOM 3
Costume Production

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W       05:00PM 06:20PM TBA Pittsburgh, Pennsylvania
S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

Production Prep: SOM 3
Lighting Design

I       MTWRF 06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Thomson
W       05:00PM 06:20PM TBA Pittsburgh, Pennsylvania
S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

Production Prep: SOM 3
Lighting Production

J       MTWRF 06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Instructor TBA
WR      05:00PM 06:20PM TBA Pittsburgh, Pennsylvania
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Production Prep: SOM 3
Sound Design

K       MTWRF 06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Instructor TBA
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S       11:00AM 03:00PM TBA Pittsburgh, Pennsylvania

Production Prep: SOM 3
Media Design

L       MTWRF 06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Instructor TBA
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Production Prep: Love and Money
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  W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
  S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania
Production Prep: Love and Money
Stage Management
  D  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Shackleford
  W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
  S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania
Production Prep: Love and Money
Scenic Design
  E  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Downs
  W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
  S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania
Production Prep: Love and Money
Carnegie Scenic
  F  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Boevers, Hines
  W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
  S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania
Production Prep: Love and Money
Costume Design
  G  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Gajic
  W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
  S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania
Production Prep: Love and Money
Costume Production
  H  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Russman
  W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
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Production Prep: Love and Money
Lighting Design
  I  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Thomson
  W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
  S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania
Production Prep: Love and Money
Lighting Production
  J  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Brown
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  S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania
Production Prep: Love and Money
Sound Design
  K  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Instructor TBA
Production Prep: Love and Money
Media Design
L  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Instructor TBA
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Dance/Light:  VAR
Stage Management
D  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Shackleford
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Transformations (SOM 1):
54662  Production Prep: Dance/Light
Lighting Production
J  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Brown
WR  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
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Production Prep: Transformations (SOM 1):
Directing
A  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Instructor TBA
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Transformations (SOM 1):
Production Management
C  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Sahoo
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
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Production Prep: Transformations (SOM 1):
Stage Management
D  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Instructor TBA
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
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Production Prep: Transformations (SOM 1):
Scenic Design
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Production Prep: Transformations (SOM 1):
Carnegie Scenic
F  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Instructor TBA
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
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Production Prep: Transformations (SOM 1)
Costume Design

G  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Tsu
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Production Prep: Transformations (SOM 1)
Costume Production

H  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Instructor TBA
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Production Prep: Transformations (SOM 1)
Lighting Design

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Production Prep: Transformations (SOM 1)
Lighting Production

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Production Prep: Transformations (SOM 1)
Sound Design

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Production Prep: Transformations (SOM 1)
Media Design

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54665  Production Prep: Gloria:

54665  Production Prep: Gloria:

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S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Gloria
Production Management

C  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Holcomb
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
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Production Prep: Gloria
Stage Management

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W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
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**Production Prep: Penelope**

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Production Prep: Lonely Planet

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Production Prep: Lonely Planet

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Production Prep: Sender

Production Prep: Sender

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Production Prep: Sender
Production Prep: Lonely Planet
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Lighting Design
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Production Prep: Lonely Planet
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Production Prep: A Little Night Music: VAR
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Production Prep: A Little Night Music
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Production Prep: A Little Night Music
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Production Prep: A Little Night Music
Carnegie Scenic

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Production Prep: A Little Night Music
Costume Design

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Production Prep: A Little Night Music
Costume Production

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Production Prep: A Little Night Music
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Production Prep: A Little Night Music
Lighting Production

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Production Prep: A Little Night Music
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Thomson, Stebbins

54685 Automated Lighting Rig Engineering
6.0   A   F   02:00PM - 03:50PM PCA A16 Pittsburgh, Pennsylvania
Brown

54705 Advanced Fabrication I
6.0   A   MW  02:00PM - 03:20PM PCA 107 Pittsburgh, Pennsylvania
Carter

54712 Painting for the Theatrical Designer
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Graduate Playwriting II  15.0  A  M  09:30AM 11:50AM PH 125C  Pittsburgh, Pennsylvania  Handel

Production Prep: Lorca: VAR

Directing
A  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Instructor TBA
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Lorca
Production Management
C  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Holcomb
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Lorca
Stage Management
D  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Instructor TBA
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Lorca
Scenic Design
E  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Block
W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Lorca
Carnegie Scenic
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W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Lorca
Costume Design
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W  05:00PM 06:20PM TBA  Pittsburgh, Pennsylvania
S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Lorca
Costume Production
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S  11:00AM 03:00PM TBA  Pittsburgh, Pennsylvania

Production Prep: Lorca
Lighting Design
I  MTWRF  06:30PM 10:30PM TBA  Pittsburgh, Pennsylvania  Thomson
Production Prep: Lorca
Lighting Production
J
MTWRF 06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Instructor TBA
WR 05:00PM 06:20PM TBA Pittsburgh, Pennsylvania
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Production Prep: Lorca
Sound Design
K MTWRF 06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Instructor TBA
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Production Prep: Lorca
Media Design
L MTWRF 06:30PM 10:30PM TBA Pittsburgh, Pennsylvania Ross
W 05:00PM 06:50PM TBA Pittsburgh, Pennsylvania
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54797 VMD Systems Studio: 9.0
VMD Systems Studio
A MW 09:30AM 11:50AM MEL 103 Pittsburgh, Pennsylvania Ross
MW 09:30AM 11:50AM PCA A21 Pittsburgh, Pennsylvania

54806 New Play Development Lab - Dramatic Writers
9.0 A3 TR 11:00AM 12:20PM PH A19 Pittsburgh, Pennsylvania Good
A4 TR 03:30PM 04:50PM BH 154A Pittsburgh, Pennsylvania Young

54808 Pedagogy for Creative Writing
6.0 A4 W 02:00PM 02:50PM PCA A41 Pittsburgh, Pennsylvania Handel

54809 Teaching Practicum
9.0 A TBA DNM DNM Pittsburgh, Pennsylvania Weild
B TBA DNM DNM Pittsburgh, Pennsylvania Handel

54813 Advanced Artisan Draping
9.0 A WF 09:00AM 11:50AM PCA 308 Pittsburgh, Pennsylvania Hanson

54819 Figure Drawing
3.0 A TR 02:00PM 03:20PM PCA 305 Pittsburgh, Pennsylvania Zamborsky

54820 Costume Forum
1.0 A R 12:30PM 01:20PM PCA 305 Pittsburgh, Pennsylvania Hanson, Russman, Eshelman

54823 Directors’ Generator
7.0 A F 12:00PM 01:50PM POS 147 Pittsburgh, Pennsylvania Davis

54830 Make-Up for Designers
6.0 A R 09:00AM 11:50AM PCA A19 Pittsburgh, Pennsylvania Russman

54832 Scenic Design: Design for Spaces: 4.5
Scenic Design for Live Spaces
A3 W 02:00PM 04:50PM PCA 305 Pittsburgh, Pennsylvania Downs, Handel
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18469 Special Topics in Integrated Systems Technology: 12.0

Hacker Fab 1 - Building the Fab
D TR 07:00PM 08:50PM TBA Pittsburgh, Pennsylvania Bourcart, Hakim, Bain

18475 Autonomous Control Systems
12.0 A TR 09:30AM 10:50AM WEH 4623 Pittsburgh, Pennsylvania Nakahira

18491 Digital Signal Processing
12.0 A Lec MW 10:00AM 11:50AM WEH 4623 Pittsburgh, Pennsylvania Stern
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18495 Speech Technology for Conversational AI
12.0 A MW 03:30PM 04:50PM GHC 5222 Pittsburgh, Pennsylvania Watanabe

18500 ECE Design Experience
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C MW 10:00AM 11:50AM HH 1307 Pittsburgh, Pennsylvania Kim
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18525 Advanced Digital Integrated Circuit Design
12.0 A TR 12:30PM 01:50PM HH B103 Pittsburgh, Pennsylvania Mai, Srimani
F 02:00PM 03:20PM SH 236 Pittsburgh, Pennsylvania

18540 Rapid Prototyping of Computer Systems
12.0 A MW 03:30PM 04:50PM DH A302 Pittsburgh, Pennsylvania Smailagic, Martelaro

18578 Mechatronic Design
12.0 A MW 12:00PM 01:50PM SH 238 Pittsburgh, Pennsylvania Riviere

18580 Undergraduate Projects
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18602 Business Fundamentals
12.0 A TR 02:00PM 03:20PM PH A18B Pittsburgh, Pennsylvania Lamont

18613 Foundations of Computer Systems
12.0 Lec 1 TR 12:30PM 01:50PM DH A302 Pittsburgh, Pennsylvania Kumar, Kesden
Lec 2 TR 09:30AM 10:50AM B23 211 San Jose, California Kumar, Kesden
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C W 05:00PM 06:50PM WEH 6403 Pittsburgh, Pennsylvania Kumar, Kesden
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18615 Micro and Nano Systems Fabrication
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Instructor TBA

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0.0  
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Instructor TBA

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**Reading and Writing in an Academic Context**  
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C  
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Yoon

**76101**  
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A  
MWF  
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Pittsburgh, Pennsylvania  
Pal-Agrawal

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**Interpretation and Argument**  
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Comiskey

**Interpretation and Argument**  
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AD  
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Salehzadeh

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Gasson

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Meyer

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Myers

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Comiskey

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Watson

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09:30AM 10:50AM DH 1117  
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76106 Writing about Literature, Art and Culture

4.5

A3 MWF 09:00AM 09:50AM DH 1209 Pittsburgh, Pennsylvania Deluca
A4 MWF 09:00AM 09:50AM PH 126A Pittsburgh, Pennsylvania Deluca
B3 MWF 10:00AM 10:50AM WEH 6403 Pittsburgh, Pennsylvania Wigginton
B4 MWF 10:00AM 10:50AM PH A20 Pittsburgh, Pennsylvania Wigginton
C3 MWF 08:00AM 08:50AM PH A21 Pittsburgh, Pennsylvania Comiskey
C4 MWF 08:00AM 08:50AM DH 1117 Pittsburgh, Pennsylvania Comiskey
D3 MWF 12:00PM 12:50PM WEH 5328 Pittsburgh, Pennsylvania Johnson
D4 MWF 12:00PM 12:50PM PH A19 Pittsburgh, Pennsylvania Johnson
E3 MWF 01:00PM 01:50PM WEH 5328 Pittsburgh, Pennsylvania Williams
E4 MWF 01:00PM 01:50PM WEH 5328 Pittsburgh, Pennsylvania Williams
F3 MWF 02:00PM 02:50PM WEH 5316 Pittsburgh, Pennsylvania Morack
F4 MWF 02:00PM 02:50PM PH A21 Pittsburgh, Pennsylvania Morack

76107 Writing about Data

4.5

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A4 MWF 09:00AM 09:50AM DH 1209 Pittsburgh, Pennsylvania Rosselot-Merritt
B3 MWF 10:00AM 10:50AM WEH 5328 Pittsburgh, Pennsylvania Laudenbach
B4 MWF 10:00AM 10:50AM WEH 5328 Pittsburgh, Pennsylvania Laudenbach
C3 MWF 11:00AM 11:50AM PH A21A Pittsburgh, Pennsylvania Yoon
C4 MWF 11:00AM 11:50AM PH A21A Pittsburgh, Pennsylvania Gilbert
D3 MWF 12:00PM 12:50PM HOA 107 Pittsburgh, Pennsylvania Wright
D4 MWF 12:00PM 12:50PM HOA 107 Pittsburgh, Pennsylvania Wright
E3 MWF 01:00PM 01:50PM PH A19 Pittsburgh, Pennsylvania Kohler
E4 MWF 01:00PM 01:50PM HOA 107 Pittsburgh, Pennsylvania Kohler
F3 MWF 02:00PM 02:50PM HOA 107 Pittsburgh, Pennsylvania Markey
F4 MWF 02:00PM 02:50PM HOA 107 Pittsburgh, Pennsylvania Markey
G3 MWF 08:00AM 08:50AM DH 1117 Pittsburgh, Pennsylvania Kohler
G4 MWF 08:00AM 08:50AM PH A21 Pittsburgh, Pennsylvania Kohler
J3 MWF 01:00PM 01:50PM GHC 4101 Pittsburgh, Pennsylvania George
J4 MWF 01:00PM 01:50PM PH A19 Pittsburgh, Pennsylvania George

76108 Writing about Public Problems

4.5

A3 MWF 09:00AM 09:50AM DH 2122 Pittsburgh, Pennsylvania Lizama
A4 MWF 09:00AM 09:50AM DH 2122 Pittsburgh, Pennsylvania Lizama
B3 MWF 10:00AM 10:50AM PH A20 Pittsburgh, Pennsylvania Novosat
B4 MWF 10:00AM 10:50AM WEH 4708 Pittsburgh, Pennsylvania Novosat
C3 MWF 11:00AM 11:50AM PH 226B Pittsburgh, Pennsylvania Carlock
C4 MWF 11:00AM 11:50AM PH 226B Pittsburgh, Pennsylvania Carlock
D3 MWF 12:00PM 12:50PM PH A19 Pittsburgh, Pennsylvania Pal-Agrawal
D4 MWF 12:00PM 12:50PM WEH 5328 Pittsburgh, Pennsylvania Pal-Agrawal
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76207 Special Topics in Literature & Culture: 9.0

DiverCities: Multiculturalism and North American Cities

A MWF 12:00PM-12:50PM BH 154A Pittsburgh, Pennsylvania Jo

Third Cinema: People, Language, and Culture in Documentary Storytelling

B TR 09:30AM-10:50AM TEP 1024 Pittsburgh, Pennsylvania Caspar, Skib

From Augustine to Avatars: Personal Narratives Across Media

C TR 12:30PM-01:50PM DH 2105 Pittsburgh, Pennsylvania Gershkovitch

76221 Books You Should Have Read By Now: 9.0

Heroes and Monsters

A MWF 09:00AM-09:50AM WEH 6423 Pittsburgh, Pennsylvania Dieterich

76239 Introduction to Film Studies

9.0 A MWF 01:00PM-01:50PM DH 2315 Pittsburgh, Pennsylvania Hinkelman

M 07:00PM-09:50PM POS 153 Pittsburgh, Pennsylvania

76241 Introduction to Gender Studies

9.0 A MW 09:30AM-10:50AM CFA 102 Pittsburgh, Pennsylvania Makonnen

B MW 02:00PM-03:20PM PH A19C Pittsburgh, Pennsylvania Rowley

76245 Shakespeare: Tragedies & Histories

9.0 A MW 12:30PM-01:50PM PH A19C Pittsburgh, Pennsylvania Pensky

76251 Exploring Creative Writing in Community

9.0 A F 02:30PM-05:10PM OFF CAMPUS Pittsburgh, Pennsylvania Mccafferty

76254 Arts Greenhouse: Experiential Learning through Community Engagement

6.0 A R 11:00AM-12:20PM BH 136E Pittsburgh, Pennsylvania Fries

76260 Introduction to Writing Fiction

9.0 A MW 12:30PM-01:50PM WEH 5304 Pittsburgh, Pennsylvania England

B TR 09:30AM-10:50AM BH 255B Pittsburgh, Pennsylvania Gonzalez

76265 Introduction to Writing Poetry

9.0 A MW 09:30AM-10:50AM BH 255B Pittsburgh, Pennsylvania Shapiro

B TR 12:30PM-01:50PM BH 255B Pittsburgh, Pennsylvania Costanzo

76269 Introduction to Screenwriting

9.0 A MW 11:00AM-12:20PM WEH 6423 Pittsburgh, Pennsylvania Dilworth

B TR 02:00PM-03:20PM HOA 107 Pittsburgh, Pennsylvania Bernstein
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B  TBA  DNM DNM Pittsburgh, Pennsylvania  Instructor TBA

76303  Independent Study in Creative Writing
3-18  A  TBA  DNM DNM Pittsburgh, Pennsylvania  Dilworth
B  TBA  DNM DNM Pittsburgh, Pennsylvania  Shapiro
C  TBA  DNM DNM Pittsburgh, Pennsylvania  Costanzo

76304  Independent Study in Rhetoric
3-18  A  TBA  DNM DNM Pittsburgh, Pennsylvania  Instructor TBA
W  TBA  DNM DNM Doha, Qatar  Instructor TBA

76306  Editing and Publishing
3-18  A  TBA  DNM DNM Pittsburgh, Pennsylvania  Costanzo

76307  Advanced Editing & Publishing
3-18  A  TBA  DNM DNM Pittsburgh, Pennsylvania  Costanzo

76310  Advanced Studies in Film and Media
9.0  A  MW 11:00AM 12:20PM BH 235B Pittsburgh, Pennsylvania  Hinkelman

76311  Independent Study in Humanities Analytics
9-18  A  TBA  DNM DNM Pittsburgh, Pennsylvania  Brown

76317  Contemporary American Fiction
9.0  A  R  07:00PM 09:50PM BH 255B Pittsburgh, Pennsylvania  Williams

76318  Communicating in the Global Marketplace
9.0  A  TR 12:30PM 01:50PM PH A19C Pittsburgh, Pennsylvania  Hammond
W  UT 11:30AM 12:45PM CMB 3044 Doha, Qatar  Reynolds

76327  Equity & Communication: Strategies for Institutional Change
9.0  A  MW 09:30AM 10:50AM DH 1117 Pittsburgh, Pennsylvania  Wolfe

76328  Introduction to Corpus Linguistics
9.0  W  UT 02:30PM 03:45PM CMB 3204 Doha, Qatar  Gomez Laich

76338  Internship Mini
9, 12  A3  TBA  DNM DNM Pittsburgh, Pennsylvania  Instructor TBA
A4  TBA  DNM DNM Pittsburgh, Pennsylvania  Instructor TBA

76339  Topics in Film and Media: 9.0
South Asian Cinemas: Bollywood & Beyond
A  MW 09:30AM 10:50AM WEH 5304 Pittsburgh, Pennsylvania  Banerjee

76354  Watchdog Journalism
9.0  A  T  07:00PM 09:50PM PH 125D Pittsburgh, Pennsylvania  Twedt

76363  Reading in Forms: Poetry
9.0  A  TR 03:30PM 04:50PM PH 125D Pittsburgh, Pennsylvania  Rankine

76365  Poetry Workshop
9.0  A  TR 12:30PM 01:50PM PH 125D Pittsburgh, Pennsylvania  Rankine

76369  Advanced Film Production
9.0  A  TR 11:00AM 12:20PM WEH 4707 Pittsburgh, Pennsylvania  Martin

76370  Independent Study in Literary and Cultural Studies
3-18  A  TBA  TBA Pittsburgh, Pennsylvania  Instructor TBA
W  TBA  DNM DNM Doha, Qatar  Mitchell

76373  Argument
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Human-Computer Interaction

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05200  Ethics and Policy Issues in Computing:  9.0
  Ethics and Policy Issues in Computing
  A  TR  02:00PM 03:20PM GHC 4307  Pittsburgh, Pennsylvania  Skirpan, Dabbish

05292  IDeATe: Learning in Museums
  12.0  A  TR  02:00PM 03:50PM HL 106B Pittsburgh, Pennsylvania  Louw

05315  Persuasive Design:  12.0
  Persuasive Design
  A  MW  02:00PM 03:20PM 3SC 172 Pittsburgh, Pennsylvania  Kaufman

05317  Design of Artificial Intelligence Products:  12.0
  Design of Artificial Intelligence Products
  A  MW  03:30PM 04:50PM 4SC 104 Pittsburgh, Pennsylvania  Zimmerman, Yildirim
  Design of Artificial Intelligence Products
  B  TR  11:00AM 12:20PM 4SC 104 Pittsburgh, Pennsylvania  Saffer, Forlizzi

05318  Human AI Interaction:  12.0
  Human AI Interaction
  A  MW  12:30PM 01:50PM GHC 4211  Pittsburgh, Pennsylvania  Eslami

05320  Social Web:  12.0
  Social Web
  A  TR  12:30PM 01:50PM 3SC 172 Pittsburgh, Pennsylvania  Shirado

05333  Gadgets, Sensors and Activity Recognition in HCI
  12.0  A  TR  12:30PM 01:50PM POS 151 Pittsburgh, Pennsylvania  Hudson

05360  Interaction Design Fundamentals:  12.0
  Interaction Design Fundamentals
  A  MW  08:00AM 10:20AM 3SC 172 Pittsburgh, Pennsylvania  Matthews, Saunders
  Interaction Design Fundamentals
  B  MW  12:30PM 02:50PM 4SC 104 Pittsburgh, Pennsylvania  Saunders, Fox
Advanced Interaction Design: 12.0

Advanced Interaction Design  
A      TR      08:00AM 10:20AM 4SC 104 Pittsburgh, Pennsylvania       Matthews, Goral
Advanced Interaction Design  
B      TR      02:00PM 04:20PM 4SC 104 Pittsburgh, Pennsylvania       Shelly, Stavchansky
Advanced Interaction Design  
C      TR      05:00PM 07:20PM 4SC 104 Pittsburgh, Pennsylvania       Dusenka, Saffer

Prototyping Algorithmic Experiences: 15.0

Prototyping Algorithmic Experiences  
A      TR      09:30AM 10:50AM GHC 4301 Pittsburgh, Pennsylvania       Holstein

Designing Human Centered Software: 12.0

Designing Human Centered Software  
A      TR      02:00PM 03:20PM 3SC 172 Pittsburgh, Pennsylvania       Lindlbauer
Designing Human Centered Software  
B      TR      11:00AM 12:20PM 3SC 172 Pittsburgh, Pennsylvania       Wu
Designing Human Centered Software  
C      TR      12:30PM 01:50PM 4SC 104 Pittsburgh, Pennsylvania       Harrison
Designing Human Centered Software  
D      TR      03:30PM 04:50PM 3SC 172 Pittsburgh, Pennsylvania       Steinfeld

Applications of Cognitive Science: 9.0

Applications of Cognitive Science  
A      TR      09:30AM 10:50AM BH 336B Pittsburgh, Pennsylvania       Klatzky

User-Centered Research and Evaluation: 12.0

User-Centered Research and Evaluation  
Lec      MW      12:30PM 01:50PM DH 1212 Pittsburgh, Pennsylvania       Musuraca, Shen
User-Centered Research and Evaluation  
A      MW      12:30PM 01:50PM PH 125B Pittsburgh, Pennsylvania       Musuraca, Shen
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B      MW      12:30PM 01:50PM PH 225B Pittsburgh, Pennsylvania       Musuraca, Shen
User-Centered Research and Evaluation  
C      MW      12:30PM 01:50PM PH 226B Pittsburgh, Pennsylvania       Musuraca, Shen
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D      MW      02:00PM 03:20PM WEH 4708 Pittsburgh, Pennsylvania       Musuraca, Shen
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Design Educational Games
12.0 A TR 02:00PM 03:20PM WEH 2302 Pittsburgh, Pennsylvania Harpstead

Social Web: 12.0

Social Web
A TR 12:30PM 01:50PM 3SC 172 Pittsburgh, Pennsylvania Shirado

Gadgets, Sensors and Activity Recognition in HCI
12.0 A TR 12:30PM 01:50PM POS 151 Pittsburgh, Pennsylvania Hudson

Applied Machine Learning
12.0 A TR 09:30AM 10:50AM WEH 7500 Pittsburgh, Pennsylvania Rose

Usable Privacy and Security
12.0 A MW 02:00PM 03:20PM HH B103 Pittsburgh, Pennsylvania Agarwal, Cranor

Interactive Data Science: 12.0

Interactive Data Science
A TR 12:30PM 01:50PM CMU REMOTE Pittsburgh, Pennsylvania Stamper

Tools for Online Learning: 12.0

Tools for Online Learning
A MW 11:00AM 12:20PM WEH 2302 Pittsburgh, Pennsylvania Stamper, Moore

Rapid Prototyping of Computer Systems
12.0 A MW 03:30PM 04:50PM DH A302 Pittsburgh, Pennsylvania Martelaro, Smailagic

Practicum in HCI
3-48 A TBA DNM DNM Pittsburgh, Pennsylvania Kravitz, Kaufman

Designing Human Centered Software: 12.0

Designing Human Centered Software
A TR 02:00PM 03:20PM 3SC 172 Pittsburgh, Pennsylvania Lindlbauer

Designing Human Centered Software
Designing Human Centered Software
B TR 11:00AM 12:20PM 3SC 172 Pittsburgh, Pennsylvania Wu

Designing Human Centered Software
Designing Human Centered Software
C TR 12:30PM 01:50PM 4SC 104 Pittsburgh, Pennsylvania Harrison

Designing Human Centered Software
Designing Human Centered Software
D TR 03:30PM 04:50PM 3SC 172 Pittsburgh, Pennsylvania Steinfeld

Special Topics in HCI
9.0 W UT 02:30PM 03:45PM CMB 1030 Doha, Qatar Hagan

X UT 04:00PM 05:15PM CMB 1030 Doha, Qatar Hagan

Special Topics in HCI: 6.0

HCI for Product Managers
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**Information Networking Institute**

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67272 Application Design and Development

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Lec 2   TR      12:30PM 01:50PM BH 237B Pittsburgh, Pennsylvania        Huang
Lec 3   TR      02:00PM 03:20PM SH 234 Pittsburgh, Pennsylvania        Heimann
Lec 4   MW      02:30PM 03:45PM CMB 2152        Doha, Qatar     Bouamor, Heimann
Lec 5   TR      03:30PM 04:50PM SH 238 Pittsburgh, Pennsylvania        Huang
A   R      07:00PM 08:50PM WEH 5312        Pittsburgh, Pennsylvania        Heimann
B   T      07:00PM 08:50PM WEH 5336        Pittsburgh, Pennsylvania        Heimann
C   R      07:00PM 08:50PM WEH 5336        Pittsburgh, Pennsylvania        Heimann
D   W      07:00PM 08:50PM WEH 5336        Pittsburgh, Pennsylvania        Huang
E   T      07:00PM 08:50PM PH 226C Pittsburgh, Pennsylvania        Heimann
F   W      07:00PM 08:50PM PH A19D Pittsburgh, Pennsylvania        Heimann
G   T      07:00PM 08:50PM PH A19D Pittsburgh, Pennsylvania        Heimann
H   W      07:00PM 08:50PM PH A19C Pittsburgh, Pennsylvania        Huang
W   R      08:30AM 10:20AM CMB 3048        Doha, Qatar     Bouamor, Heimann
X   R      10:30AM 12:20PM CMB 3048        Doha, Qatar     Bouamor, Heimann

67285 Across the Universe from Intelligent Agents to Users

9.0     A       TR      11:00AM 12:20PM PH A20A Pittsburgh, Pennsylvania        Moussawi

67306 Management of Computer and Information Systems

6.0     A4     W       07:00PM 09:50PM WEH 5302        Pittsburgh, Pennsylvania        Kowalsky

67313 Digital Risk Management and Auditing

9.0     W       MW      11:30AM 12:45PM CMB 3048        Doha, Qatar     Vatanasakdakul

67319 Global Technology Consulting Groundwork

3.0     A       TBA     TBA Pittsburgh, Pennsylvania        Mertz

67331 Technology Consulting in the Global Community

VAR     A4     TBA     DNM DNM Pittsburgh, Pennsylvania        Mertz

67364 Practical Data Science

9.0     A       MW      02:00PM 03:20PM HBH 1206 Pittsburgh, Pennsylvania        Sooriamurthi

67373 Information Systems Consulting Project

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         B       F       12:30PM 01:50PM TBA Pittsburgh, Pennsylvania        Quesenberry
         C       F       12:30PM 01:50PM TBA Pittsburgh, Pennsylvania        Camerlengo
         D       F       12:30PM 01:50PM TBA Pittsburgh, Pennsylvania        Caruso
         E       F       12:30PM 01:50PM TBA Pittsburgh, Pennsylvania        Kowalsky
         F       F       12:30PM 01:50PM TBA Pittsburgh, Pennsylvania        Poepping
         G       F       12:30PM 01:50PM TBA Pittsburgh, Pennsylvania        Wieckowski
         H       F       12:30PM 01:50PM TBA Pittsburgh, Pennsylvania        Sooriamurthi
         I       F       12:30PM 01:50PM TBA Pittsburgh, Pennsylvania        Barrett
         J       F       12:30PM 01:50PM TBA Pittsburgh, Pennsylvania        Liginlal
         K       F       12:30PM 01:50PM TBA Pittsburgh, Pennsylvania        Lipniskis
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**Integrated Innovation Institute**

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The Business of Software
The Business of Software
R3 W 05:30PM 07:20PM TBA San Jose, California Thomas

Special Topics: Principles of Enterprise Flexibility: 6.0
Special Topics: Principles of Enterprise Flexibility
A4 MW 03:30PM 04:50PM B23 118 San Jose, California Evans
Special Topics: Principles of Enterprise Flexibility
Special Topics: Principles of Enterprise Flexibility
R4 MW 03:30PM 04:50PM TBA San Jose, California Evans

Metrics for Technology Products & Services: 6.0
Metrics for Technology Products & Services
A4 TR 03:30PM 04:50PM B23 118 San Jose, California Root

Metrics for Technology Products & Services
B4 W 05:30PM 07:20PM B23 212 San Jose, California Taborga

Metrics for Technology Products & Services
R4 W 05:30PM 07:20PM TBA San Jose, California Taborga

Process and Project Management: 12.0
Process and Project Management
A TR 02:00PM 03:20PM B23 109 San Jose, California Mercier
Process and Project Management
B T 05:30PM 07:20PM B23 118 San Jose, California Mercier

Process and Project Management
R T 05:30PM 07:20PM TBA San Jose, California Mercier

Applied AI (Artificial Intelligence): 6.0
Applied AI (Artificial Intelligence)
A3 R 05:30PM 07:20PM B23 118 San Jose, California Dai

Applied AI (Artificial Intelligence)
R3 R 05:30PM 07:20PM TBA San Jose, California Dai

Human Computer Interaction & User Experience: 6.0
User Experience & Human Computer Interaction
B4 R 07:30PM 09:20PM B23 109 San Jose, California Prayaga
User Experience & Human Computer Interaction
R4      R       07:30PM 09:20PM TBA      San Jose, California    Prayaga

Introduction to Machine Learning:       6.0

Introduction to Machine Learning
A3      M       05:30PM 07:20PM B23 118      San Jose, California    Shaikh

Artificial Intelligence for Product Managers:  6.0

Artificial Intelligence for Product Managers
A4      TR      12:30PM 01:50PM B23 109      San Jose, California    Fang

Software Management Independent Study:  3,6,12,24

Software Management Independent Study
A       TBA                     DNM DNM San Jose, California    Mercier

Software Management Independent Study - Mini
A3      TBA                     DNM DNM San Jose, California    Mercier

Venture Governance: Executive-Decision Making, Fundraising, and Boards.:  6.0

Venture Governance: The Role of the Board of Directors and Advisory Boards
A4      MW      11:00AM 12:20PM B23 212      San Jose, California    Ott

Legal Issues in New Venture Creation:  6.0

Legal Issues in New Venture Creation
A3      M       11:00AM 01:50PM B23 212      San Jose, California    Kirmayer

Language Technologies Institute

Machine Learning in Practice:  12.0

Machine Learning in Practice
A        TR      09:30AM 10:50AM WEH 7500      Pittsburgh, Pennsylvania    Rose

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<td>Gormley, Li, Lipton</td>
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<td>A: MWF 11:00AM-12:20PM</td>
<td>TEP 1403</td>
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Instructor abbreviations: TR = Tuesday, Thursday, MW = Monday, Wednesday, A = Afternoon, PM = Post-Midday, DH = Doherty, WEH = William Enberg Hall, REH = Revelle Hall, POS = Physical Ocean Science Building, DNM = Department of Nuclear Medicine, SH = Smith Hall.
27774 Graduate Seminar
1.0 A F 10:00AM 11:50AM DH 2210 Pittsburgh, Pennsylvania Marom

27775 Thesis
1-99 A TBA TBA Pittsburgh, Pennsylvania Dickey, Pistorius

27793 Special Topics: Phase Relations and Phase Diagrams in Magnetoceramics.
6.0 A3 MW 02:00PM 03:50PM DH 1117 Pittsburgh, Pennsylvania Mchenry

27990 SPECIAL TOPICS: Teaching Materials Science & Engineering
3.0 A4 TR 09:00AM 09:50AM PH 125D Pittsburgh, Pennsylvania Sokalski

27991 Materials Science and Engineering Teaching Internship
VAR A TBA TBA Pittsburgh, Pennsylvania Dickey, Smith

27995 Graduate Internship
1-48 A TBA TBA Pittsburgh, Pennsylvania Dickey

Mathematical Sciences
21051 Study Abroad
0.0 A TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

21102 Exploring Modern Mathematics: 9.0

TBA

21108 Introduction to Mathematical Concepts
6.0 14 MWF 09:00AM 09:50AM BH A53 Pittsburgh, Pennsylvania Gheorghiciuc
A4 TR 09:00AM 09:50AM POS 152 Pittsburgh, Pennsylvania Wang
B4 TR 03:00PM 03:50PM GHC 4301 Pittsburgh, Pennsylvania Wang

21111 Differential Calculus
10.0 W UMTWR 10:00AM 10:50AM CMB 2147 Doha, Qatar Demirkoparan

21112 Integral Calculus
10.0 Lec MWF 02:00PM 02:50PM WEH 5409 Pittsburgh, Pennsylvania Statman
A TR 08:00AM 08:50AM BH 235A Pittsburgh, Pennsylvania Dawkins
B TR 09:00AM 09:50AM BH 235B Pittsburgh, Pennsylvania Dawkins
W UMTWR 08:45AM 09:35AM CMB 2152 Doha, Qatar Weston
X UMTWR 10:00AM 10:50AM CMB 2152 Doha, Qatar Weston

21120 Differential and Integral Calculus
10.0 Lec MWF 02:00PM 02:50PM POS 153 Pittsburgh, Pennsylvania Yeung
A TR 09:00AM 09:50AM BH 237B Pittsburgh, Pennsylvania Yuan
B TR 03:00PM 03:50PM PH A18C Pittsburgh, Pennsylvania Marathe
C TR 04:00PM 04:50PM BH 235B Pittsburgh, Pennsylvania Kirages

21122 Integration and Approximation
10.0 Lec 1 MWF 09:00AM 09:50AM POS A35 Pittsburgh, Pennsylvania Jeffs
Lec 2 MWF 10:00AM 10:50AM PH 100 Pittsburgh, Pennsylvania Howell
Lec 3 MWF 02:00PM 02:50PM POS A35 Pittsburgh, Pennsylvania Pavelka, Koganemaru
A TR 10:00AM 10:50AM WEH 8220 Pittsburgh, Pennsylvania Hill
B TR 11:00AM 11:50AM PH A18C Pittsburgh, Pennsylvania Hill
C TR 01:00PM 01:50PM BH 235A Pittsburgh, Pennsylvania Park
D TR 02:00PM 02:50PM BH 235A Pittsburgh, Pennsylvania Witwick
E TR 09:00AM 09:50AM PH A18A Pittsburgh, Pennsylvania Manchala
F TR 11:00AM 11:50AM BH 237B Pittsburgh, Pennsylvania Armentrout
G TR 02:00PM 02:50PM BH 237B Pittsburgh, Pennsylvania Iyer
H TR 03:00PM 03:50PM PH A18A Pittsburgh, Pennsylvania Beltran
I TR 04:00PM 04:50PM DH 1112 Pittsburgh, Pennsylvania Zhou
J TR 09:00AM 09:50AM WEH 5409 Pittsburgh, Pennsylvania Segizekov
K TR 11:00AM 11:50AM GHC 4211 Pittsburgh, Pennsylvania Quangkananur
L TR 03:00PM 03:50PM WEH 4623 Pittsburgh, Pennsylvania Zhu
M TR 04:00PM 04:50PM PH A18A Pittsburgh, Pennsylvania Yoon
W UMTWR 04:00PM 04:50PM CMB 2052 Doha, Qatar El Hajj
21124 Calculus II for Biologists and Chemists
10.0 Lec MWF 03:00PM 03:50PM WEH 5409 Pittsburgh, Pennsylvania Flaherty
A TR 10:00AM 10:50AM PH A18 Pittsburgh, Pennsylvania Wang
21127 Concepts of Mathematics
12.0 Lec 1 MWF 09:00AM 09:50AM DH A302 Pittsburgh, Pennsylvania Abdelghany
Lec 2 MWF 10:00AM 10:50AM DH A302 Pittsburgh, Pennsylvania Abdelghany
Lec 3 MWF 02:00PM 02:50PM WEH 7500 Pittsburgh, Pennsylvania Quintana
Lec 4 MWF 04:00PM 04:50PM HOA 160 Pittsburgh, Pennsylvania Thornton
A TR 09:00AM 09:50AM DH 1112 Pittsburgh, Pennsylvania Hoover
B TR 11:00AM 11:50AM BH 235B Pittsburgh, Pennsylvania Wang
C TR 03:00PM 03:50PM BH 235A Pittsburgh, Pennsylvania Gordon
D TR 04:00PM 04:50PM MM A14 Pittsburgh, Pennsylvania Xie
E TR 09:00AM 09:50AM DH 1211 Pittsburgh, Pennsylvania Walker
F TR 10:00AM 10:50AM PH A18A Pittsburgh, Pennsylvania Walker
G TR 12:00PM 12:50PM DH 1112 Pittsburgh, Pennsylvania Kulasiri
H TR 03:00PM 03:50PM BH 235B Pittsburgh, Pennsylvania Zhang
I TR 09:00AM 09:50AM WEH 5421 Pittsburgh, Pennsylvania Mediratta
J TR 01:00PM 01:50PM PH A18A Pittsburgh, Pennsylvania Sheng
K TR 02:00PM 02:50PM PH A18A Pittsburgh, Pennsylvania Raanes
L TR 04:00PM 04:50PM BH 237B Pittsburgh, Pennsylvania Yu
M TR 02:00PM 02:50PM WEH 8220 Pittsburgh, Pennsylvania Beard
N TR 10:00AM 10:50AM WEH 4625 Pittsburgh, Pennsylvania Wang
O TR 03:00PM 03:50PM WEH 5302 Pittsburgh, Pennsylvania Zetune
P TR 04:00PM 04:50PM BH 235A Pittsburgh, Pennsylvania Hsieh
W UMTWR 11:30AM 12:20PM CMB 2147 Doha, Qatar Khare
21150 Mathematics and the Arts
9.0 W UT 02:30PM 03:45PM CMB 2049 Doha, Qatar Yilma
21201 Undergraduate Colloquium
1.0 A3 T 03:30PM 04:50PM SH 105 Pittsburgh, Pennsylvania Offner
21228 Discrete Mathematics
9.0 Lec MWF 10:00AM 10:50AM HH B103 Pittsburgh, Pennsylvania Bohman
A T 09:00AM 09:50AM PH 226C Pittsburgh, Pennsylvania Li
B T 10:00AM 10:50AM PH A22 Pittsburgh, Pennsylvania Bannister
C T 11:00AM 11:50AM PH A18A Pittsburgh, Pennsylvania Bannister
21236 Mathematical Studies Analysis II
12.0 Lec MWF 02:00PM 02:50PM DH 2122 Pittsburgh, Pennsylvania Tice
A T 07:00PM 07:50PM PH A22 Pittsburgh, Pennsylvania Mukherjee

21238 Mathematical Studies Algebra II
12.0 Lec MWF 03:00PM 03:50PM PH 226B Pittsburgh, Pennsylvania Conley
A R 07:00PM 07:50PM PH A22 Pittsburgh, Pennsylvania Yates

21240 Matrix Algebra with Applications
10.0 Lec MWF 03:00PM 03:50PM POS A35 Pittsburgh, Pennsylvania Caldwell
A T 02:00PM 02:50PM BH 235B Pittsburgh, Pennsylvania Ye
B T 03:00PM 03:50PM DH 1112 Pittsburgh, Pennsylvania Li
C T 04:00PM 04:50PM GHC 4211 Pittsburgh, Pennsylvania Chen

21241 Matrices and Linear Transformations
11.0 Lec 1 MWF 09:00AM 09:50AM MM 103 Pittsburgh, Pennsylvania Koganemaru
Lec 2 MWF 02:00PM 02:50PM DH 1212 Pittsburgh, Pennsylvania Bellah
Lec 3 MWF 03:00PM 03:50PM DH 2302 Pittsburgh, Pennsylvania Bellah
A TR 09:00AM 09:50AM PH A18C Pittsburgh, Pennsylvania Tang
B TR 10:00AM 10:50AM BH 235B Pittsburgh, Pennsylvania Xue
C TR 04:00PM 04:50PM WEH 5302 Pittsburgh, Pennsylvania Yang
D TR 09:00AM 09:50AM WEH 8220 Pittsburgh, Pennsylvania Zhang
E TR 12:00PM 12:50PM MM 103 Pittsburgh, Pennsylvania Zhang
F TR 01:00PM 01:50PM WEH 8220 Pittsburgh, Pennsylvania Waitkus
G TR 12:00PM 12:50PM WEH 5302 Pittsburgh, Pennsylvania Marun
H TR 01:00PM 01:50PM WEH 4623 Pittsburgh, Pennsylvania Rotunno
I TR 04:00PM 04:50PM WEH 4623 Pittsburgh, Pennsylvania Sun

21254 Linear Algebra and Vector Calculus for Engineers
11.0 Lec MWF 11:00AM 11:50AM DH 2315 Pittsburgh, Pennsylvania Quintana
A T 09:00AM 09:50AM BH 140A Pittsburgh, Pennsylvania Singh
R 09:00AM 09:50AM WEH 4625 Pittsburgh, Pennsylvania
B T 11:00AM 11:50AM BH 140A Pittsburgh, Pennsylvania Singh
R 11:00AM 11:50AM SH 238 Pittsburgh, Pennsylvania
C T 02:00PM 02:50PM BH 140A Pittsburgh, Pennsylvania Hofstad
R 02:00PM 02:50PM WEH 5302 Pittsburgh, Pennsylvania
D T 03:00PM 03:50PM BH 140A Pittsburgh, Pennsylvania McDermott
R 03:00PM 03:50PM BH 237B Pittsburgh, Pennsylvania
E T 05:00PM 05:50PM CYH 100A Pittsburgh, Pennsylvania Hofstad
R 05:00PM 05:50PM WEH 5310 Pittsburgh, Pennsylvania

21256 Multivariate Analysis
9.0 Lec 1 MWF 11:00AM 11:50AM MM 103 Pittsburgh, Pennsylvania Flaherty
Lec 2 MWF 01:00PM 01:50PM MM A14 Pittsburgh, Pennsylvania Flaherty
A T 09:00AM 09:50AM WEH 4625 Pittsburgh, Pennsylvania Cho
B T 10:00AM 10:50AM WEH 5302 Pittsburgh, Pennsylvania Tribendis
C T 11:00AM 11:50AM DH 1112 Pittsburgh, Pennsylvania Tankova
D T 09:00AM 09:50AM BH 235B Pittsburgh, Pennsylvania Robinson
E T 12:00PM 12:50PM PH A18A Pittsburgh, Pennsylvania Kidonakis
F T 01:00PM 01:50PM WEH 5302 Pittsburgh, Pennsylvania Kidonakis

21259 Calculus in Three Dimensions
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21610  Algebra I
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21623  Complex Analysis
12.0  A  MWF 09:00AM 09:50AM WEH 5302 Pittsburgh, Pennsylvania Tkocz
21640  Introduction to Functional Analysis
12.0  A  MWF 10:00AM 10:50AM WEH 8220 Pittsburgh, Pennsylvania Tkocz
21690  Methods of Optimization
12.0  A  MWF 03:00PM 03:50PM DH 1112 Pittsburgh, Pennsylvania Suarez-Colmenares
21703  Model Theory II
12.0  A  MWF 12:00PM 12:50PM WEH 8201 Pittsburgh, Pennsylvania Grossberg
21721  Probability
12.0  A  MWF 12:00PM 12:50PM WEH 8220 Pittsburgh, Pennsylvania Tikhomirov
21738  Extremal Combinatorics
12.0  A  MWF 02:00PM 02:50PM WEH 8220 Pittsburgh, Pennsylvania Loh
21752  Algebraic Topology
12.0  A  MWF 03:00PM 03:50PM BH 237B Pittsburgh, Pennsylvania Frick
21765  Introduction to Parallel Computing and Scientific Computation
9.0  A  F 02:00PM 03:50PM POS 147 Pittsburgh, Pennsylvania Manolache
21785  Practicum in Mathematical Sciences
0-48  A  TBA DNM DNM Pittsburgh, Pennsylvania Conley
21820  Advanced Topics in Analysis
12.0  A  MWF 11:00AM 11:50AM WEH 7218 Pittsburgh, Pennsylvania Neumayer

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Convex Functions
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92897   Health Care Quality
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Music
57010   Voice Studio Performance Class
        1.0 A T 03:00PM 03:50PM CFA KRESGE Pittsburgh, Pennsylvania Irwin
57015   Violin Studio Performance Class
        1.0 A T 07:30PM 09:20PM MM 119 Pittsburgh, Pennsylvania van der Sloot
57016   Viola Studio Performance Class
        1.0 A T 07:00PM 08:50PM CFA KRESGE Pittsburgh, Pennsylvania Harding
57018   Double Bass Studio Performance Class
        1.0 A M 07:30PM 09:20PM CFA ACH Pittsburgh, Pennsylvania Howard
57020   Flute Studio Performance Class: 1.0
Flute Studio Performance Class
        A M 04:00PM 05:50PM MM 119 Pittsburgh, Pennsylvania McGhee, Almarza
57021   Oboe Studio Performance Class
        1.0 A TBA DNM DNM Pittsburgh, Pennsylvania Dealmeida
57022   Clarinet Studio Performance Class
        1.0 A TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA
57023   Bassoon Studio Performance Class
        1.0 A TBA DNM DNM Pittsburgh, Pennsylvania Goeres, Shields
57030   Percussion Studio Performance Class
        1.0 A F 02:00PM 03:20PM CFA A1 Pittsburgh, Pennsylvania Evans, Branson, Allen
57031   Composers Forum
        1.0 A F 03:00PM 04:20PM POS 145 Pittsburgh, Pennsylvania Galbraith
57037   Vocal Master Class
        0.0 A W 02:00PM 02:50PM CFA M157 Pittsburgh, Pennsylvania Teadt
57051   Study Abroad
        0.0 A TBA TBA Pittsburgh, Pennsylvania Johnston
57098   Inside the Music & Video Technology Industry
        1.0 A3 R 07:00PM 08:20PM TBA Pittsburgh, Pennsylvania LeBoeuf
57099   Freshman Showcase
        1.0 A TBA DNM DNM Pittsburgh, Pennsylvania Galbraith
57100   Convocation
        1.0 A R 02:00PM 02:50PM CFA KRESGE Pittsburgh, Pennsylvania Johnston, Keeling
57101   Introduction to Music Technology
        6.0 A3 MWF 09:00AM 09:50AM HOA A10 Pittsburgh, Pennsylvania Opie
        A4 MWF 09:00AM 09:50AM HOA A10 Pittsburgh, Pennsylvania Opie
        B3 MWF 10:00AM 10:50AM HOA A10 Pittsburgh, Pennsylvania Opie
        B4 MWF 10:00AM 10:50AM HOA A10 Pittsburgh, Pennsylvania Opie
57104   Elective Studio (Beginning Piano Class)
3.0 A F 01:00PM 01:50PM HOA A10 Pittsburgh, Pennsylvania Larocca
B F 02:00PM 02:50PM HOA A10 Pittsburgh, Pennsylvania Larocca

57106 Elective Studio (Jazz Piano I Class)
3.0 A R 06:00PM 06:50PM CFA M160 Pittsburgh, Pennsylvania Capizzi
B R 05:00PM 05:50PM CFA M160 Pittsburgh, Pennsylvania Capizzi

57108 Elective Studio (Jazz Piano II Class)
3.0 A M 06:00PM 06:50PM CFA M160 Pittsburgh, Pennsylvania Capizzi

57109 Elective Studio (Guitar Class)
3.0 A M 10:00AM 10:50AM TBA Pittsburgh, Pennsylvania Marcinizyn

57110 Elective Studio (Voice Class)
3.0 A TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

57112 Movement and Dance II
3.0 A TR 08:00AM 09:20AM WQE ST B Pittsburgh, Pennsylvania De La Reza

57117 Chorus
6.0 A TR 04:00PM 05:20PM MM 119 Pittsburgh, Pennsylvania Douglas

57118 Instrumental Ensemble
6.0 A TR 04:00PM 06:20PM CFA ACH Pittsburgh, Pennsylvania Thompson, Curtis, Story, Cardenes, Vosburgh

57119 Elective Studio
3-9 A3 TBA DNM DNM Pittsburgh, Pennsylvania Ojeda
A4 TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

57120 Elective Studio (Voice)
3-9 A TBA TBA Pittsburgh, Pennsylvania Kademenos, Abreu
B TBA TBA Pittsburgh, Pennsylvania Lawrence
C TBA TBA Pittsburgh, Pennsylvania Teaster
D TBA TBA Pittsburgh, Pennsylvania Reyes-Mir
E TBA TBA Pittsburgh, Pennsylvania Teadt
F TBA TBA Pittsburgh, Pennsylvania Gruber
G TBA TBA Pittsburgh, Pennsylvania Kademenos
H TBA TBA Pittsburgh, Pennsylvania Instructor TBA
I TBA TBA Pittsburgh, Pennsylvania Instructor TBA
J TBA TBA Pittsburgh, Pennsylvania Instructor TBA

57121 Elective Studio (Piano)
3-9 A TBA TBA Pittsburgh, Pennsylvania Schepkin
B TBA TBA Pittsburgh, Pennsylvania Gelman
C TBA TBA Pittsburgh, Pennsylvania Ojeda
D TBA TBA Pittsburgh, Pennsylvania Kim
E TBA TBA Pittsburgh, Pennsylvania Moon
F TBA TBA Pittsburgh, Pennsylvania Larocca
G TBA TBA Pittsburgh, Pennsylvania Curtin

Elective Studio (Piano)
Jazz Piano
H TBA TBA Pittsburgh, Pennsylvania Capizzi
I TBA TBA Pittsburgh, Pennsylvania Chiu
J TBA TBA Pittsburgh, Pennsylvania Morales

57123 Elective Studio (Harp)
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- **Conducting Practicum**
- **Supervised Recording Teaching**
- **Supervised History Teaching**
- **Supervised Solfege Teaching**
- **Stage Direction**
- **Music in the Urban School**
- **Music in the Secondary School**
- **Psychology of Music**
- **Collaborative Piano I**
- **Collaborative Piano II**
- **Collaborative Piano III**
- **Collaborative Piano IV**
- **Collaborative Piano V**
- **Collaborative Piano VI**
- **Professional Essentials for the Percussionist**
- **Keyboard Studies (Music Ed)**
- **Keyboard Studies (Music Ed)**
- **Keyboard Studies Test (Music Ed)**
- **Guitar Test (Music Ed)**
- **Alexander Technique for Musicians**
- **Yoga for Musicians**
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**Puccini's Operas: Politics of Representation**

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**Literature and Repertoire: Brass**

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57497 BXA Studio (2nd semester)
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57498  BXA Studio (3rd semester)

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        B       TBA                     DNM DNM Pittsburgh, Pennsylvania        Vosburgh
57517   Major Studio (Trombone)
9.0     A       TBA                     DNM DNM Pittsburgh, Pennsylvania        Dee
        B       TBA                     DNM DNM Pittsburgh, Pennsylvania        Cherian
        C       TBA                     DNM DNM Pittsburgh, Pennsylvania        Shields, Sullivan
57518   Major Studio (Euphonium/Baritone)
9.0     A       TBA                     DNM DNM Pittsburgh, Pennsylvania        Pukinskis
        B       TBA
57519   Major Studio (Tuba)
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57520   Major Studio (Percussion)
9.0     A       TBA                     DNM DNM Pittsburgh, Pennsylvania        Allen, Branson, Evans
47521   Major Studio (Composition)
9.0     A       TBA                     DNM DNM Pittsburgh, Pennsylvania        Pukinskis
        B       TBA                     DNM DNM Pittsburgh, Pennsylvania        Galbraith
        C       TBA                     DNM DNM Pittsburgh, Pennsylvania        Whipple
57522   Major Studio (Bagpipe)
9.0     A       TBA                     DNM DNM Pittsburgh, Pennsylvania        Carlisle
57523   Major Studio (Electronic Music)
9.0     A       TBA                     DNM DNM Pittsburgh, Pennsylvania        Abtan
        B       TBA                     DNM DNM Pittsburgh, Pennsylvania        Hsieh
57557   Vocal Methods
3.0     A       TR       09:00AM 09:50AM CFA M160 Pittsburgh, Pennsylvania        Gruber
57558   Observation
3.0     A       TBA                     DNM DNM Pittsburgh, Pennsylvania        Raponi
57559   Music and Triads: Before/Beyond Roman Numerals in Western Music
9.0     A       TR     09:30AM 10:50AM HOA 224 Pittsburgh, Pennsylvania        Pukinskis
57560   Electronic Music Seminar
3.0     A       R       03:00PM 03:50PM CFA A2 Pittsburgh, Pennsylvania        Abtan
57570   Music and Technology Seminar
1.0     A       T       04:00PM 04:50PM CFA A6 Pittsburgh, Pennsylvania        Schulz
57571   Music and Technology Project
12.0    A       TBA                     DNM DNM Pittsburgh, Pennsylvania        Sullivan, Schulz, Stiles, Sullivan
57572   Music and Technology Project
12.0    A       TBA                     DNM DNM Pittsburgh, Pennsylvania        Johnston, Dannenberg, Stiles, Sullivan
57588   Junior Recital Voice
1.0     A4      TBA                     DNM DNM Pittsburgh, Pennsylvania        Aylmer
        B4      TBA                     DNM DNM Pittsburgh, Pennsylvania        Cornetti
        C4      TBA                     DNM DNM Pittsburgh, Pennsylvania        Gruber
        D4      TBA                     DNM DNM Pittsburgh, Pennsylvania        Spacagna
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57589   Senior Recital Voice
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PB  TBA  DNM DNM Pittsburgh, Pennsylvania  Allen, Branson, Evans
PC  TBA  DNM DNM Pittsburgh, Pennsylvania  Carlisle

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57622 Independent Study in Sound Recording Production
VAR A TBA DNM DNM Pittsburgh, Pennsylvania Schulz

57623 Independent Study in Studio Recording Project
3-9 A TBA DNM DNM Pittsburgh, Pennsylvania Schulz

57624 Independent Study in Special Music Project
3-9 A TBA DNM DNM Pittsburgh, Pennsylvania Stumpf
B TBA DNM DNM Pittsburgh, Pennsylvania van der Sloot
C TBA DNM DNM Pittsburgh, Pennsylvania Chiu
D TBA DNM DNM Pittsburgh, Pennsylvania Schulz
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57625 Independent Study in Music Education
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57626 Independent Study in Music Entrepreneurship
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57627 Independent Study in Supervised Teaching
VAR A TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA

57643 Diverse Populations in Inclusive Settings
9.0 A TR 12:30PM 01:50PM HOA 224 Pittsburgh, Pennsylvania Raponi

57651 Special Topics in Music: Acting
A M 02:00PM 04:20PM WQE ST B Pittsburgh, Pennsylvania Trumbull

Special Topics in Music
Special Topics in Music: Advanced Skills in English Diction
B TBA TBA Pittsburgh, Pennsylvania Instructor TBA

Special Topics in Music:
connection to self and others through music
C M 10:00AM 11:50AM TBA Pittsburgh, Pennsylvania Dueck

Special Topics in Music
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57672 Chamber Music: Woodwind and Mixed
3.0
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AA  TBA   TBA   Pittsburgh, Pennsylvania   Steranka, Kim
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BB  TBA   TBA   Pittsburgh, Pennsylvania   Steranka, Van Hoesen
C   TBA   TBA   Pittsburgh, Pennsylvania   Steranka, Howard
CC  TBA   TBA   Pittsburgh, Pennsylvania   Steranka, Whipple
D   TBA   TBA   Pittsburgh, Pennsylvania   Steranka, Chiu
DD  TBA   TBA   Pittsburgh, Pennsylvania   Steranka, Manriquez
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F   TBA   TBA   Pittsburgh, Pennsylvania   Steranka, Whipple
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II  TBA   DNM   DNM Pittsburgh, Pennsylvania   Van Hoesen, Steranka, Kim
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String Quartet: A Social History

Music Studio

Puccini’s Operas: Politics of Representation

Repertoire Orchestra:

Chamber Music: Guitar

Sound Recording

Sound Editing and Mastering

Multitrack Recording

Live Recording Laboratory

Studio Recording Laboratory

Shaping Time in Performance

Renaissance Counterpoint

Music and Triads: Before/Beyond Roman Numerals in Western Music

Music and Technology Seminar
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Advanced Music Studies Studio (Individual): Violin
EB TBA DNM DNM Pittsburgh, Pennsylvania van der Sloot
Advanced Music Studies Studio (Individual): Violin
EC TBA DNM DNM Pittsburgh, Pennsylvania Wu
Advanced Music Studies Studio (Individual): Violin
ED TBA DNM DNM Pittsburgh, Pennsylvania Instructor TBA
Advanced Music Studies Studio (Individual): Viola
F TBA DNM DNM Pittsburgh, Pennsylvania Harding
Advanced Music Studies Studio (Individual): Cello
GA TBA DNM DNM Pittsburgh, Pennsylvania Park
Advanced Music Studies Studio (Individual): Cello
GB TBA DNM DNM Pittsburgh, Pennsylvania Williams
Advanced Music Studies Studio (Individual): Double Bass
H TBA DNM DNM Pittsburgh, Pennsylvania Howard
Advanced Music Studies Studio (Individual): Guitar
I TBA DNM DNM Pittsburgh, Pennsylvania Marcinizyn
Advanced Music Studies Studio (Individual): Flute
JA TBA DNM DNM Pittsburgh, Pennsylvania Almarza
Advanced Music Studies Studio (Individual): Flute
JB TBA DNM DNM Pittsburgh, Pennsylvania McGhee
Advanced Music Studies Studio (Individual): Oboe
K TBA DNM DNM Pittsburgh, Pennsylvania Dealmeida
Advanced Music Studies Studio (Individual): Clarinet
LA TBA DNM DNM Pittsburgh, Pennsylvania Shields, Rusinek
Advanced Music Studies Studio (Individual): Clarinet
LB TBA DNM DNM Pittsburgh, Pennsylvania Shields, Howell
Advanced Music Studies Studio (Individual): Bassoon
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**Naval Science - ROTC**

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Directed Reading Mini
3, 6, 12, 15

Seminar Supplement
1-12

Reading and Research
VAR

Philosophy Colloquium
1-24

Physical Education

Badminton: 3.0

Racquetball: 3.0

Weight Training: 3.0
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Applications of Cognitive Science
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Cognitive Modeling: 9.0

cognitive modeling
A TR 11:00AM 12:20PM BH 340A Pittsburgh, Pennsylvania  Anderson

Infant development: Inside the Mind of Babies: 9.0

Infant Development: Inside the Mind of Babies
A TR 11:00AM 12:20PM BH 336A Pittsburgh, Pennsylvania  Rakison

Introduction to Parallel Distributed Processing
9.0 A TR 11:00AM 12:20PM BH 336B Pittsburgh, Pennsylvania  Plaut

Language and Thought: 9.0

Language and Thought
A MW 11:00AM 12:20PM BH 336B Pittsburgh, Pennsylvania  MacWhinney

Clinical Psychology: Science and Practice: 9.0

Clinical Psychology: Science and Practice
A MW 11:00AM 12:20PM CMU REMOTE Pittsburgh, Pennsylvania  Crittenden

Data Science for Psychology and Neuroscience
9.0 A MW 02:00PM 03:20PM CMU REMOTE Pittsburgh, Pennsylvania  Verstynen

Relationships: 9.0

relationships
A MW 02:00PM 03:20PM BH 336B Pittsburgh, Pennsylvania  Feeney

Internship in Clinical Psychology: 6-12

Internship in Clinical Psychology
A TBA TBA Pittsburgh, Pennsylvania  Creswell
B TBA DNM DNM Pittsburgh, Pennsylvania  Thiessen

Internship in Psychology - Mini
VAR A4 TBA DNM DNM Pittsburgh, Pennsylvania  Thiessen

Practicum in Child Development: VAR

practicum in child development
A TBA TBA Pittsburgh, Pennsylvania  Carver

Readings in Clinical Psychology
VAR A TBA TBA Pittsburgh, Pennsylvania  Crittenden

Readings in Developmental psychology
9.0 A TBA TBA Pittsburgh, Pennsylvania  Instructor TBA
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85811  Professional Development
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85881  Thesis Research
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85981  Dissertation Research
0-99  A  TBA  DNM DNM Pittsburgh, Pennsylvania  Helgeson

Public Management: Sch of Pub Pol & Mgt
91601  Quantitative Methods II
0.0  A3  TBA  TBA Pittsburgh, Pennsylvania  Instructor TBA

91729  Business Analytics for Managers
6.0  A4  R  06:30PM 09:20PM HBH 1005  Pittsburgh, Pennsylvania  Vadlamudi
S  02:00PM 03:20PM CMU REMOTE  Pittsburgh, Pennsylvania

91819  Optimization and Risk Modeling for Managers
6.0  A3  M  06:30PM 09:20PM HBH 1005  Pittsburgh, Pennsylvania  Gogolak
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91889  Internship
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Public Policy & Mgt: Sch of Pub Pol & Mgt
90401  Media & Communication Design I
6.0  A3  TR  09:30AM 10:50AM CFA 318 Pittsburgh, Pennsylvania  Franko
B4  09:30AM 10:50AM CFA 318 Pittsburgh, Pennsylvania  Franko

90429  Management Science I
6.0  B3  TR  02:00PM 03:20PM HBH 1002  Pittsburgh, Pennsylvania  Wiberg
F  09:30AM 10:50AM HBH 1006  Pittsburgh, Pennsylvania
C3  02:00PM 03:20PM HBH 1002  Pittsburgh, Pennsylvania  Wiberg
F  03:30PM 04:50PM HBH 1006  Pittsburgh, Pennsylvania

90434  Health Care Geographical Information Systems
12.0  A  TBA  TBA Pittsburgh, Pennsylvania  Kurland

90440  Critical Analysis of Policy Research
12.0  A  TR  02:00PM 03:20PM HBH 1006  Pittsburgh, Pennsylvania  Kovak

90443  Urban and Regional Economic Development
12.0  A  TR  05:00PM 06:20PM HBH 1004  Pittsburgh, Pennsylvania  Briem

90449  Elective Politics and Policy-Making
6.0  A3  T  06:30PM 09:20PM HBH 1006  Pittsburgh, Pennsylvania  Lamb

90472  Health Policy
6.0  A4  T  06:30PM 09:20PM HBH 1005  Pittsburgh, Pennsylvania  Dausey

90475  Methods of Policy Analysis: Future of Work
12.0  A  TR  05:00PM 06:20PM HBH 2003  Pittsburgh, Pennsylvania  Branstetter

90489  Resilient & Sustainable Communities
12.0  A  W  06:30PM 09:20PM HBH 1004  Pittsburgh, Pennsylvania  Mehalik

90490  Independent Study
VAR  A  TBA  TBA Pittsburgh, Pennsylvania  Acquisti
Heinz Journal

Policy and Politics an International Perspective
3.0 A TBA DNM DNM Pittsburgh, Pennsylvania Borzutzky

Policy and Politics in American Institutions
12.0 A MW 05:00PM 06:20PM HBH 1005 Pittsburgh, Pennsylvania Borzutzky

Strategic Presentation Skills
6.0 A3 MW 09:30AM 10:50AM HBH 1007 Pittsburgh, Pennsylvania Hyatt
B3 MW 11:00AM 12:20PM HBH 1007 Pittsburgh, Pennsylvania Hyatt
D4 MW 11:00AM 12:20PM HBH 1007 Pittsburgh, Pennsylvania Hyatt
E4 TR 02:00PM 03:20PM HBH 1208 Pittsburgh, Pennsylvania Rosenberg
F4 TR 09:30AM 10:50AM HBH 1007 Pittsburgh, Pennsylvania Rosenberg
M3 TR 11:00AM 12:20PM HBH 1007 Pittsburgh, Pennsylvania Rosenberg
N3 TR 02:00PM 03:20PM HBH 1208 Pittsburgh, Pennsylvania Rosenberg

Physical Technical Systems II
12.0 A TR 03:30PM 05:20PM SH 234 Pittsburgh, Pennsylvania Nock

Management Science I
6.0 B3 TR 02:00PM 03:20PM HBH 1002 Pittsburgh, Pennsylvania Wiberg
F 09:30AM 10:50AM HBH 1006 Pittsburgh, Pennsylvania Wiberg
C3 TR 02:00PM 03:20PM HBH 1002 Pittsburgh, Pennsylvania Wiberg
F 03:30PM 04:50PM HBH 1006 Pittsburgh, Pennsylvania Wiberg

Financial Statements and Analysis of Companies
6.0 A3 MW 02:00PM 03:20PM HBH 1202 Pittsburgh, Pennsylvania Stephenson
F 02:00PM 03:20PM HBH 1002 Pittsburgh, Pennsylvania Stephenson
B3 MW 11:00AM 12:20PM HBH 1202 Pittsburgh, Pennsylvania Stephenson
F 02:00PM 03:20PM HBH 1002 Pittsburgh, Pennsylvania Stephenson
C4 MW 02:00PM 03:20PM HBH 1002 Pittsburgh, Pennsylvania Stephenson
F 02:00PM 03:20PM HBH 1002 Pittsburgh, Pennsylvania Stephenson
D4 MW 11:00AM 12:20PM HBH 1006 Pittsburgh, Pennsylvania Stephenson
F 02:00PM 03:20PM HBH 1002 Pittsburgh, Pennsylvania Stephenson

Introduction to Database Management
6.0 A3 TR 11:00AM 12:20PM HBH 1204 Pittsburgh, Pennsylvania Tu
B3 TR 05:00PM 06:20PM HBH 1206 Pittsburgh, Pennsylvania Tu

SQL Fundamentals
6.0 A4 TRF 09:30AM 10:50AM HBH 2008 Pittsburgh, Pennsylvania Szczympala

Systems Synthesis I
12.0 A MW 05:00PM 06:20PM HBH 1208 Pittsburgh, Pennsylvania Crawford
AA MW 05:00PM 06:20PM TBA Pittsburgh, Pennsylvania Gogolak
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     B3   MW   02:00PM 03:20PM HBH 1208   Pittsburgh, Pennsylvania   Hyatt

90768 Advocacy, Policy and Practice
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90770 Econometrics for Policy
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90775 Decision and Risk Modeling
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90782 Multi Media
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90783 Policy Innovation Lab
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90784 Affordable Housing Policy and Finance
       6.0   A3   M   06:30PM 09:20PM CMU REMOTE   Pittsburgh, Pennsylvania   Smith

90789 Resilient & Sustainable Communities
       12.0   A   W   06:30PM 09:20PM HBH 1004   Pittsburgh, Pennsylvania   Mehalik

90801 Media & Communication Design I
       6.0   A3   TR   09:30AM 10:50AM CFA 318 Pittsburgh, Pennsylvania   Franko
     B4   TR   09:30AM 10:50AM CFA 318 Pittsburgh, Pennsylvania   Franko

90803 Machine Learning Foundations with Python
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90804 Media & Communication Design II
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90805 Issues in Global Urbanization
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90806 Behavioral Decision Making
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90812 Python Programming I
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90817 Education Finance and Policy
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90822 Critical Analysis of Policy Research
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### Course List

#### Robotics

16170  Concepts of Robotics  
5.0   M3   MW  02:00PM 03:20PM WEH 2302  
Pittsburgh, Pennsylvania  
Kantor

16224  IDeAte: Re-Crafting Computational Thinking with Soft Technologies  
12.0   A   F  12:00PM 02:50PM CFA 111  
Pittsburgh, Pennsylvania  
Orta Martinez, Robinson

16235  Fantastic Robots and How to Fold Them  
9.0   A   TR  09:30AM 10:50AM WEH 2302  
Pittsburgh, Pennsylvania  
Temel

16299  Introduction to Feedback Control Systems  
12.0   A   MW  11:00AM 12:20PM WEH 5415  
Pittsburgh, Pennsylvania  
Atkeson

16311  Introduction to Robotics  
12.0   A   MW  02:00PM 03:20PM GHC 4307  
Pittsburgh, Pennsylvania  
Choset, Rao

16350  Planning Techniques for Robotics  
12.0   A   MW  02:00PM 03:20PM NSH 3002  
Pittsburgh, Pennsylvania  
Likhachev

16376  IDeAte: Kinetic Fabrics  
10.0   A   TR  12:00PM 01:50PM HL A10  
Pittsburgh, Pennsylvania  
Zeglin

16385  Computer Vision:  
12.0

16467  Introduction to Human Robot Interaction  
12.0   A   TR  12:30PM 01:50PM MM A14  
Pittsburgh, Pennsylvania  
Admoni

16474  Robotics Capstone  
12.0   A   MW  08:00AM 09:20AM NSH 1305  
Pittsburgh, Pennsylvania  
Wettergreen, Riviere

16480  IDeAte: Creative Soft Robotics  
10.0   A   MW  02:00PM 03:50PM HL A10  
Pittsburgh, Pennsylvania  
Zeglin

16597  Undergraduate Reading and Research  
0-48   A   TBA  
DNM DNM Pittsburgh, Pennsylvania  
Riviere

16621  MSCV Project I:  
12.0

16633  Special Topic: Robot Cognition and Learning  
12.0   A   MW  03:30PM 04:20PM WEH 2302  
Pittsburgh, Pennsylvania  
Atkeson

16662  Robot Autonomy  
12.0   A   TR  03:30PM 04:50PM NSH 1305  
Pittsburgh, Pennsylvania  
Kroemer

16663  F1Tenth Autonomous Racing  
12.0   A   TR  02:00PM 03:20PM NSH 1305  
Pittsburgh, Pennsylvania  
Dolan

16675  Manufacturing Futures  
12.0   A   TR  08:00AM 09:20AM WEH 2302  
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Bourne

16681  MRSD Project I  
15.0   A   TR  10:00AM 11:50AM NSH 3002  
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**Introduction to Robotics Business**
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- Days: MW
- Time: 11:00AM - 12:20PM
- Location: NSH 1305
- Instructor: Batavia

**Kinematics, Dynamic Systems and Control**
- Credits: 12.0
- Type: A
- Days: MW
- Time: 09:30AM - 10:50AM
- Location: POS 153
- Instructor: Geyer

**Computer Vision**
- Credits: 12.0
- Type: A
- Days: TR
- Time: 12:30PM - 01:50PM
- Location: POS A35
- Instructor: Ramanan

**Learning-based Image Analysis**
- Credits: 12.0
- Type: A
- Days: TR
- Time: 03:30PM - 04:50PM
- Location: GHC 4102
- Instructor: Galeotti

**Robotics Business**
- Credits: 12.0
- Type: A
- Days: TR
- Time: 03:30PM - 04:50PM
- Location: NSH 3002
- Instructor: Bourne

**Ethics and Robotics**
- Credits: 12.0
- Type: A
- Days: TR
- Time: 12:30PM - 01:50PM
- Location: GHC 5222
- Instructor: Nourbakhsh

**Special Topic: Research to Startup: creating a startup from robotics research**
- Credits: 12.0
- Type: A
- Days: TR
- Time: 03:30PM - 04:50PM
- Location: WEH 2302
- Instructor: Ichnowski

**Optimal Control and Reinforcement Learning**
- Credits: 12.0
- Type: A
- Days: TR
- Time: 05:00PM - 06:20PM
- Location: TEP 1403
- Instructor: Manchester

**Mobile Robots**
- Credits: 12.0
- Type: A
- Days: TR
- Time: 11:00AM - 12:20PM
- Location: TEP 1403
- Instructor: Tabib

**Mobile Manipulation**
- Credits: 12.0
- Type: A
- Days: MW
- Time: 03:30PM - 04:50PM
- Location: NSH 3002
- Instructor: Erickson

**Robots & AI for Agriculture**
- Credits: 12.0

**Special Topics:**
- Robotics & AI for Agriculture
  - Credits: 12.0
  - Type: TR
  - Time: 11:00AM - 12:20PM
  - Location: DH 2122
  - Instructor: Yandun, Silwal

**Mechatronic Design**
- Credits: 12.0
- Type: A
- Days: MW
- Time: 12:00PM - 01:50PM
- Location: SH 238
- Instructor: Riviere

**Integrated Intelligence in Robotics: Vision Language Planning**
- Credits: 12.0
- Type: A
- Days: MW
- Time: 11:00AM - 12:20PM
- Location: NSH 3002
- Instructor: Oh

**Physics-based Methods in Vision (Appearance Modeling):**
- Credits: 12.0

**Physics-based Methods in Vision (Appearance Modeling)**
- Credits: 12.0
- Type: A
- Days: TR
- Time: 02:00PM - 03:20PM
- Location: NSH 3002
- Instructor: Narasimhan

**Visual Learning and Recognition**
- Credits: 12.0

**Visual Learning & Recognition**
- Credits: 12.0
- Type: A
- Days: MW
- Time: 07:00PM - 08:20PM
- Location: GHC 4401
- Instructor: Pathak

**Learning for 3D Vision**
16831 Introduction to Robot Learning
12.0 A MW 02:00PM 03:20PM TEP 1403 Pittsburgh, Pennsylvania Tulsiani

16833 Robot Localization and Mapping
12.0 A MW 02:00PM 03:20PM NSH 1305 Pittsburgh, Pennsylvania Shi

16848 Hands: Design and Control for Dexterous Manipulation
12.0 A MW 12:30PM 01:50PM PH A18B Pittsburgh, Pennsylvania Pollard

16857 Space Robotics Development
12.0 A M 03:30PM 04:50PM NSH 1305 Pittsburgh, Pennsylvania Whittaker, J

16874 Spacecraft Design-Build-Fly Laboratory 2
12.0 A MW 09:30AM 10:50AM NSH 1305 Pittsburgh, Pennsylvania Manchester,

16880 Special Topics: Engineering Haptic Interfaces: 12.0
   Engineering Haptic Interfaces
   A TR 02:00PM 03:20PM ANS C02 Pittsburgh, Pennsylvania Orta Martinez

16883 Special Topics: Provably Safe Robotics
12.0 A TR 09:30AM 10:50AM NSH 1305 Pittsburgh, Pennsylvania Liu

16886 Special Topics: Models & Algorithms for Interactive Robotics
12.0 A MW 11:00AM 12:20PM GHC 4101 Pittsburgh, Pennsylvania Bajcsy

16891 Multi-Robot Planning and Coordination
12.0 A MW 05:00PM 06:20PM NSH 3002 Pittsburgh, Pennsylvania Li

16897 Seminar on Robotics
0.0 A F 03:30PM 04:50PM NSH 1305 Pittsburgh, Pennsylvania Pathak

16990 Practicum
1-48 A TBA DNM DNM Pittsburgh, Pennsylvania Wettergreen

16995 Independent Study
0-36 A TBA DNM DNM Pittsburgh, Pennsylvania Wettergreen

16997 Reading and Research in Robotics
0-48 A TBA DNM DNM Pittsburgh, Pennsylvania Wettergreen

PP TBA TBA Lisbon, Portugal Wettergreen

SCS Interdisciplinary
07021 SCS Math Foundations Workshop
3.0 A TBA DNM DNM Pittsburgh, Pennsylvania Cortina, Peet

07070 Teaching Techniques for Computer Science: 2.0

Teaching Techniques for Computer Science
A F 03:30PM 04:50PM GHC 4215 Pittsburgh, Pennsylvania Garrod, River

07090 Artificial Intelligence Practicum
3.0 A TBA DNM DNM Pittsburgh, Pennsylvania Simmons

07180 Concepts in Artificial Intelligence: 5.0

Concepts in Artificial Intelligence
A3 TR 03:30PM 04:50PM HOA 160 Pittsburgh, Pennsylvania Simmons
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**Social & Decision Sciences**

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17423 Designing Large-scale Software Systems
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17437 Web Application Development
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17445 Machine Learning in Production: 12.0

Software Engineering for AI-Enabled Systems
Lec MW 02:00PM 03:20PM PH 100 Pittsburgh, Pennsylvania Kaestner, Le Goues

Machine Learning in Production
Software Engineering for AI-Enabled Systems
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B F 09:30AM 10:50AM WEH 4709 Pittsburgh, Pennsylvania Kaestner, Le Goues
C F 11:00AM 12:20PM PH A22 Pittsburgh, Pennsylvania Kaestner, Le Goues
D F 11:00AM 12:20PM WEH 5310 Pittsburgh, Pennsylvania Kaestner, Le Goues
E F 02:00PM 03:20PM PH 226C Pittsburgh, Pennsylvania Kaestner, Le Goues
F F 02:00PM 03:20PM GHC 4215 Pittsburgh, Pennsylvania Le Goues, Kaestner
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17514 Principles of Software Construction: Objects, Design, and Concurrency
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A W 09:00AM 09:50AM WEH 5328 Pittsburgh, Pennsylvania Aldrich, Garrod, Lacomis
B W 10:00AM 10:50AM PH 125B Pittsburgh, Pennsylvania Aldrich, Garrod, Lacomis
C W 11:00AM 11:50AM WEH 5316 Pittsburgh, Pennsylvania Aldrich, Garrod, Lacomis
D W 12:00PM 12:50PM POS 147 Pittsburgh, Pennsylvania Aldrich, Garrod, Lacomis
E W 01:00PM 01:50PM PH 126A Pittsburgh, Pennsylvania Aldrich, Garrod, Lacomis
F W 02:00PM 02:50PM POS 147 Pittsburgh, Pennsylvania Aldrich, Garrod, Lacomis
G W 07:00PM 07:50PM SH 238 Pittsburgh, Pennsylvania Aldrich, Garrod, Lacomis

17537 Artificial Intelligence Methods for Social Good
9.0 A TR 09:30AM 10:50AM SH 236 Pittsburgh, Pennsylvania Fang

17604 Communications for Software Leaders II
3.0 A T 09:30AM 10:50AM 3SC 265 Pittsburgh, Pennsylvania Frollini
B T 12:30PM 01:50PM 3SC 265 Pittsburgh, Pennsylvania Frollini
C R 09:30AM 10:50AM 3SC 265 Pittsburgh, Pennsylvania Frollini
D W 07:00PM 08:20PM CMU REMOTE Pittsburgh, Pennsylvania Frollini
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17606 Privacy by Design Project Workshop
6.0 A TBA DNM DNM Pittsburgh, Pennsylvania Habib

17607 Privacy by Design Practicum
VAR A TBA DNM DNM Pittsburgh, Pennsylvania Habib

17608 Privacy Engineering Independent Study
VAR A TBA DNM DNM Pittsburgh, Pennsylvania Bauer, Christin, Cranor, Fanti, Habib, Sadeh, Scanlon, Smith

17612 Business and Marketing Strategy
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A4 TR 05:00PM 06:20PM 3SC 265 Pittsburgh, Pennsylvania Berardone
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Applied Quantum Computing
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Prompt Engineering
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Software Project Management
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Software Architectures: MSE
1-36 Lec MW 09:00AM 10:20AM 3SC 265 Pittsburgh, Pennsylvania Garlan, Schmerl
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Applied Machine Learning
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Software Architectures
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DevOps: Engineering for Secure Development and Deployment
12.0 A MW 08:00AM 09:20AM 3SC 265 Pittsburgh, Pennsylvania Yasar

Web Application Development
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Applied Distributed Systems
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Quality Management
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Machine Learning in Production: 12.0

Machine Learning in Production
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Machine Learning in Production
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F F 02:00PM 03:20PM GHC 4215 Pittsburgh, Pennsylvania Kaestner, Le Goues
G F 11:00AM 12:20PM CMU REMOTE Pittsburgh, Pennsylvania Kaestner, Le Goues

DevOps and Continuous Integration
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36595 Advanced Undergraduate Research

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B TBA TBA Pittsburgh, Pennsylvania Instructor TBA

36601 Modern Regression

9.0 A TR 09:30AM 10:50AM SH 234 Pittsburgh, Pennsylvania Wasserman
36602 Advanced Methods for Data Analysis

9.0 A TR 09:30AM 10:50AM DH 2315 Pittsburgh, Pennsylvania Shalizi

36610 Intro to Probability Modeling

9.0 A TR 12:30PM 01:50PM POS 152 Pittsburgh, Pennsylvania Jin
36612 Professional Skills for Statisticians II

6.0 A F 11:00AM 12:20PM GHC 4211 Pittsburgh, Pennsylvania McGovern
36615 Software for Large-Scale Data

6.0 A3 MW 09:30AM 10:50AM WEH 4708 Pittsburgh, Pennsylvania Reinhart
36627 Modern Experimental Design: 6.0

Experimental Design

A4 MW 09:30AM 10:50AM POS 146 Pittsburgh, Pennsylvania Reinhart
36640 Probability & Statistics for Data Science

6.0 A3 W 06:00PM 07:30PM CMU REMOTE Pittsburgh, Pennsylvania Freeman
36641 Gaining Insights through Statistical Modeling and Machine Learning

6.0 A4 W 06:00PM 07:30PM CMU REMOTE Pittsburgh, Pennsylvania Freeman
36660 Special Topics: Sports Analytics: 9.0

Sports Analytics

A TR 12:30PM 01:50PM SH 105 Pittsburgh, Pennsylvania Yurko
36662 Statistical Machine Learning

9.0 A TR 02:00PM 03:20PM MM A14 Pittsburgh, Pennsylvania Lei
36670 Special Topics: Statistical Methods in Health Sciences: 9.0

Statistical Methods in Health Sciences

A TR 11:00AM 12:20PM DH A302 Pittsburgh, Pennsylvania Tang
36671 Time Series: 9.0

Time Series

A TR 03:30PM 04:50PM SH 236 Pittsburgh, Pennsylvania Kuusela
36680 Advanced Quantitative Financial Analytics and Algorithmic Trading

12.0 A MW 04:00PM 05:50PM TBA Pittsburgh, Pennsylvania Racz, McSharry
36690 Statistical Practice: 12.0

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<td>Shah, Hayes</td>
<td>07:00PM 09:50PM HH B103</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Avatar: The Last Airbender &amp; The Legend of Korra</td>
</tr>
<tr>
<td>98230</td>
<td>Student Taught Courses (StuCo):</td>
<td>Aceti, Crawford, Rodas Leal</td>
<td>07:00PM 07:50PM HH B103</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Avatar: The Last Airbender &amp; The Legend of Korra</td>
</tr>
<tr>
<td>98242</td>
<td>Student Taught Courses (StuCo):</td>
<td>07:00PM 07:50PM PH A18A</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Intro to Esoteric Programming Languages</td>
<td></td>
</tr>
<tr>
<td>98244</td>
<td>Student Taught Courses (StuCo):</td>
<td>07:00PM 07:50PM WEH 5320</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Sign Language Through Pop Music</td>
<td></td>
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<tr>
<td>98258</td>
<td>Student Taught Courses (StuCo):</td>
<td>Shah, Hayes</td>
<td>07:00PM 07:50PM HH B103</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Avatar: The Last Airbender &amp; The Legend of Korra</td>
</tr>
<tr>
<td>98266</td>
<td>Student Taught Courses (StuCo):</td>
<td>Patrikar</td>
<td>07:00PM 08:20PM DH 1112</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Private Pilot Ground School</td>
</tr>
<tr>
<td>98269</td>
<td>Student Taught Courses (StuCo):</td>
<td>Patrikar</td>
<td>07:00PM 07:50PM WEH 5304</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Intro to Sabermetrics</td>
</tr>
<tr>
<td>98288</td>
<td>Student Taught Courses (StuCo):</td>
<td>Durdaller, Williams</td>
<td>07:00PM 07:50PM BH 140B</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Private Pilot Ground School</td>
</tr>
<tr>
<td>98301</td>
<td>Student Taught Courses (StuCo):</td>
<td>Slomsky</td>
<td>08:00PM 08:50PM PH A18A</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Taylor Swift Through the Eras</td>
</tr>
<tr>
<td>98303</td>
<td>Student Taught Courses (StuCo):</td>
<td>Slomsky</td>
<td>07:00PM 07:50PM WEH 5316</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Taylor Swift Through the Eras</td>
</tr>
<tr>
<td>98317</td>
<td>Student Taught Courses (StuCo):</td>
<td>Alsuhaibani</td>
<td>07:00PM 07:50PM WEH 5312</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Hype for Types</td>
</tr>
<tr>
<td>98336</td>
<td>Student Taught Courses (StuCo):</td>
<td>Laroia</td>
<td>07:00PM 07:50PM GHC 5222</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Intro to Greek Mythology</td>
</tr>
<tr>
<td>98341</td>
<td>Student Taught Courses (StuCo):</td>
<td>Swoveland</td>
<td>07:00PM 08:20PM PH 125C</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Build Your Own Breadboard Computer</td>
</tr>
<tr>
<td>98351</td>
<td>Student Taught Courses (StuCo):</td>
<td>Mohamed</td>
<td>07:00PM 07:50PM PH 125C</td>
<td>Pittsburgh, Pennsylvania</td>
<td>Beyond Physical: The Psychology of Athletes</td>
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Student Taught Courses (StuCo): Steep by Steep: Investeagation into Tea Culture

- Course Code: 98374
- Title: Student Taught Courses (StuCo): Steep by Steep: Investeagation into Tea Culture
- Credits: 3.0
- Schedule: Monday, Wednesday, 07:00PM - 08:20PM
- Location: WEH 5415
- City: Pittsburgh
- State: Pennsylvania
- Instructor: Han, Huang, Yang, Chen

They Came as Romans: Roman Civilization 360

- Course Code: 98390
- Title: They Came as Romans: Roman Civilization 360
- Credits: 3.0
- Schedule: Monday, Wednesday, 07:30PM - 08:20PM
- Location: WEH 5320
- City: Pittsburgh
- State: Pennsylvania
- Instructor: Moke