

MIT URBAN STUDIES AND PLANNING: Year 2, First Semester (Fall)

Concentration Specialization and Advanced Practice

SEMESTER OVERVIEW

Duration: 15 weeks (August - December) **Credit Hours:** 48 units **Core Focus:**
Concentration area specialization, advanced research methods, planning workshop/studio,
and professional practice integration

Week 1: Advanced Specialization and Research Methods

Monday: Semester Orientation and Concentration Focus

Morning (4 hours):

- Second year program overview and expectations
- Concentration area specialization deepening
- Advanced research methodology introduction
- Thesis and capstone project planning

Afternoon (4 hours):

- Concentration area faculty meetings
- Research advisor assignment and consultation
- Peer concentration area networking
- Advanced course selection and planning

Tuesday: Advanced Research Design and Methodology

Morning (4 hours):

- Advanced qualitative research methods
- Ethnographic and participatory research
- Mixed methods research design
- Longitudinal and comparative studies

Afternoon (4 hours):

- Research design workshop
- Methodology selection consultation
- Pilot study planning
- IRB preparation for advanced research

Wednesday: Concentration Area Deep Dive - Community Development

Morning (4 hours):

- Asset-based community development theory
- Community organizing and social movements
- Participatory action research methods
- Community development finance mechanisms

Afternoon (4 hours):

- ABCD implementation workshop
- Organizing strategy development
- PAR methodology practice
- Community finance analysis

Thursday: Concentration Area Deep Dive - Environmental Planning

Morning (4 hours):

- Advanced climate adaptation planning
- Environmental policy analysis and development
- Green infrastructure and ecosystem services
- Environmental justice and community engagement

Afternoon (4 hours):

- Climate adaptation strategy workshop
- Environmental policy analysis exercise
- Ecosystem services valuation
- Environmental justice mapping

Friday: Concentration Area Deep Dive - Housing and Development

Morning (4 hours):

- Advanced housing policy analysis
- Affordable housing development finance
- Community development and revitalization
- Anti-displacement and equitable development

Afternoon (4 hours):

- Housing policy modeling workshop

- Development feasibility advanced analysis
- Revitalization strategy development
- Equity impact assessment

Assessment for Week 1:

- Concentration area learning plan (15%)
- Advanced research proposal outline (15%)
- Concentration-specific analysis (20%)
- Methodology application exercise (10%)
- Professional development goals (10%)

Reading Materials:

- Concentration-specific advanced readings:
 - CD: McKnight, J. "The Abundant Community" (Full text)
 - EP: Beatley, T. "Planning for Coastal Resilience" (Advanced chapters)
 - HD: Vale, L. "Purging the Poorest" (Policy analysis chapters)
 - ID: Sanyal, B. "Comparative Planning Cultures" (Full text)
 - TP: Handy, S. "Smart Growth and the Transportation-Land Use Connection"
 - RD: Miles, M. "Real Estate Development" (Advanced chapters)
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Week 2: Planning Workshop and Studio Introduction

Monday: Planning Workshop/Studio Methodology

Morning (4 hours):

- Studio-based learning principles
- Client relationship and project management
- Collaborative research and planning methods
- Professional practice simulation

Afternoon (4 hours):

- Studio project selection and scoping
- Client meeting preparation and execution
- Team formation and role assignment
- Project timeline and milestone development

Tuesday: Advanced Spatial Analysis and GIS

Morning (4 hours):

- Advanced spatial statistics and modeling
- Machine learning applications in planning

- Remote sensing and satellite data analysis
- 3D analysis and visualization techniques

Afternoon (4 hours):

- Advanced GIS workshop with QGIS/ArcGIS
- Spatial modeling exercises
- Machine learning implementation
- 3D visualization projects

Wednesday: Concentration Workshop - Community Development

Morning (4 hours):

- Community-based participatory research implementation
- Community organizing campaign development
- Nonprofit management and capacity building
- Social enterprise and cooperative development

Afternoon (4 hours):

- CBPR project design workshop
- Campaign strategy development
- Organizational assessment exercise
- Social enterprise business planning

Thursday: Concentration Workshop - Environmental Planning

Morning (4 hours):

- Environmental impact assessment advanced methods
- Climate vulnerability assessment and modeling
- Green infrastructure planning and design
- Environmental policy implementation strategies

Afternoon (4 hours):

- Advanced EIA methodology workshop
- Climate modeling and mapping
- Green infrastructure design studio
- Policy implementation planning

Friday: Concentration Workshop - Housing and Development

Morning (4 hours):

- Housing market analysis and forecasting
- Affordable housing development project management
- Public-private partnership structuring

- Community development corporation management

Afternoon (4 hours):

- Market analysis modeling workshop
- Development project simulation
- PPP structure design exercise
- CDC strategic planning

Assessment for Week 2:

- Studio project proposal (20%)
- Advanced spatial analysis project (15%)
- Concentration workshop deliverable (20%)
- Team collaboration assessment (10%)
- Professional practice simulation (15%)

Reading Materials:

- Schön, D. "The Reflective Practitioner" (Studio learning chapters)
 - O'Sullivan, D. "Geographic Information Analysis" (Advanced chapters)
 - Concentration-specific workshop materials:
 - CD: Israel, B. "Methods for Community-Based Participatory Research"
 - EP: EPA "Environmental Impact Assessment Guidelines" (Advanced)
 - HD: Bratt, R. "A Right to Housing" (Development chapters)
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Week 3: Policy Analysis and Implementation

Monday: Advanced Policy Analysis Methods

Morning (4 hours):

- Policy network analysis
- Institutional analysis and development
- Policy transfer and lesson-drawing
- Regulatory impact assessment

Afternoon (4 hours):

- Policy network mapping workshop
- Institutional analysis exercise
- Policy transfer case studies
- Regulatory impact modeling

Tuesday: Implementation Theory and Practice

Morning (4 hours):

- Implementation science and evidence-based policy
- Street-level bureaucracy and service delivery
- Intergovernmental implementation challenges
- Performance management and accountability

Afternoon (4 hours):

- Implementation planning workshop
- Service delivery analysis
- Intergovernmental coordination simulation
- Performance measurement design

Wednesday: Concentration Policy Focus - Community Development

Morning (4 hours):

- Community development policy landscape
- Federal and state community development programs
- Community benefit agreements and policy
- Social impact measurement and evaluation

Afternoon (4 hours):

- CD policy analysis workshop
- Program evaluation design
- CBA negotiation simulation
- Impact measurement methodology

Thursday: Concentration Policy Focus - Environmental Planning

Morning (4 hours):

- Environmental policy implementation
- Climate policy at multiple scales
- Environmental justice policy and enforcement
- Green economy and sustainable development policy

Afternoon (4 hours):

- Environmental policy analysis workshop
- Climate policy comparison exercise
- EJ policy enforcement assessment
- Green economy strategy development

Friday: Concentration Policy Focus - Housing and Development

Morning (4 hours):

- Housing policy implementation challenges

- Local housing strategy development
- Development policy and regulation
- Affordable housing preservation policy

Afternoon (4 hours):

- Housing policy implementation workshop
- Local strategy development exercise
- Development regulation analysis
- Preservation policy design

Assessment for Week 3:

- Advanced policy analysis report (25%)
- Implementation strategy plan (20%)
- Concentration policy brief (20%)
- Policy simulation participation (10%)
- Professional policy presentation (15%)

Reading Materials:

- Sabatier, P. "Theories of the Policy Process" (Chapters 1-5)
- Pressman, J. "Implementation" (Full text review)
- Hill, M. "The Policy Process in the Modern State" (Selected chapters)
- Concentration-specific policy readings and case studies

Week 4: Community Engagement and Participatory Planning

Monday: Advanced Community Engagement Theory

Morning (4 hours):

- Power dynamics in community engagement
- Cultural competency and cross-cultural communication
- Trauma-informed community engagement
- Digital engagement and equity

Afternoon (4 hours):

- Power analysis workshop
- Cultural competency training
- Trauma-informed practice training
- Digital equity strategy development

Tuesday: Participatory Planning Methods

Morning (4 hours):

- Participatory action research implementation
- Community-based participatory planning
- Consensus building and conflict resolution
- Facilitation and mediation skills

Afternoon (4 hours):

- PAR methodology workshop
- Participatory planning simulation
- Conflict resolution practice
- Facilitation skills training

Wednesday: Concentration Engagement - Community Development**Morning (4 hours):**

- Community organizing and mobilization
- Coalition building and advocacy
- Popular education and leadership development
- Community asset mobilization

Afternoon (4 hours):

- Organizing campaign simulation
- Coalition building exercise
- Popular education workshop design
- Asset mobilization strategy

Thursday: Concentration Engagement - Environmental Planning**Morning (4 hours):**

- Environmental justice community engagement
- Science communication for communities
- Participatory environmental monitoring
- Climate adaptation community planning

Afternoon (4 hours):

- Environmental justice organizing
- Science communication workshop
- Community monitoring program design
- Adaptation planning with communities

Friday: Concentration Engagement - Housing and Development**Morning (4 hours):**

- Tenant organizing and housing advocacy
- Community development and anti-displacement
- Participatory development planning
- Housing preservation organizing

Afternoon (4 hours):

- Tenant organizing simulation
- Anti-displacement strategy development
- Participatory development workshop
- Preservation campaign planning

Assessment for Week 4:

- Community engagement strategy design (20%)
- Participatory method implementation (20%)
- Concentration engagement plan (20%)
- Facilitation and mediation assessment (15%)
- Community partnership development (15%)

Reading Materials:

- Freire, P. "Pedagogy of the Oppressed" (Community education chapters)
 - Arnstein, S. "A Ladder of Citizen Participation" (Critical analysis)
 - Brown, J. "The World Café: Shaping Our Futures Through Conversations"
 - Concentration-specific engagement resources and case studies
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Week 5: Economic Development and Finance

Monday: Advanced Economic Analysis for Planning

Morning (4 hours):

- Regional economic modeling
- Input-output analysis and multipliers
- Economic impact assessment methods
- Spatial economic analysis

Afternoon (4 hours):

- Economic modeling workshop
- I-O analysis exercises
- Impact assessment calculation
- Spatial economic mapping

Tuesday: Development Finance and Investment

Morning (4 hours):

- Public finance for development
- Tax increment financing and special districts
- Community development financial institutions
- Impact investing and social finance

Afternoon (4 hours):

- Public finance modeling workshop
- TIF district analysis
- CDFI program evaluation
- Impact investment strategy

Wednesday: Concentration Finance - Community Development**Morning (4 hours):**

- Community development finance mechanisms
- Community loan funds and microfinance
- Cooperative and social enterprise finance
- Community investment strategies

Afternoon (4 hours):

- CD finance strategy workshop
- Loan fund program design
- Cooperative finance planning
- Community investment analysis

Thursday: Concentration Finance - Environmental Planning**Morning (4 hours):**

- Environmental finance and green bonds
- Payment for ecosystem services
- Carbon markets and climate finance
- Green infrastructure financing

Afternoon (4 hours):

- Environmental finance workshop
- PES program design
- Carbon market analysis
- Green infrastructure funding strategy

Friday: Concentration Finance - Housing and Development**Morning (4 hours):**

- Housing development finance mechanisms
- Low-income housing tax credits advanced
- Housing trust funds and preservation
- Innovative housing finance models

Afternoon (4 hours):

- Housing finance modeling workshop
- LIHTC advanced applications
- Trust fund design and management
- Innovative finance evaluation

Assessment for Week 5:

- Economic analysis comprehensive project (25%)
- Development finance strategy (20%)
- Concentration finance plan (20%)
- Financial modeling exercises (15%)
- Investment strategy presentation (10%)

Reading Materials:

- Blakely, E. "Planning Local Economic Development" (Advanced chapters)
 - Peterson, G. "Unlocking Land Values to Finance Urban Infrastructure"
 - Benjamin, L. "Community Development Financial Institutions" (Full text)
 - Green finance and environmental economics selected readings
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Week 6: Technology and Innovation in Planning

Monday: Planning Technology and Digital Tools

Morning (4 hours):

- Advanced planning software and platforms
- Artificial intelligence and machine learning applications
- Blockchain and distributed governance
- Internet of Things and smart city sensors

Afternoon (4 hours):

- Advanced software workshop
- AI/ML planning applications
- Blockchain governance exploration
- IoT sensor network design

Tuesday: Data Science and Analytics for Planning

Morning (4 hours):

- Big data applications in urban planning
- Predictive analytics and forecasting
- Real-time data and dashboard development
- Privacy and ethical considerations

Afternoon (4 hours):

- Big data analysis workshop
- Predictive modeling exercises
- Dashboard development
- Ethics and privacy planning

Wednesday: Concentration Technology - Community Development**Morning (4 hours):**

- Digital organizing and advocacy tools
- Community data and mapping platforms
- Social media for community engagement
- Digital divide and equity planning

Afternoon (4 hours):

- Digital organizing workshop
- Community mapping platform development
- Social media strategy design
- Digital equity assessment

Thursday: Concentration Technology - Environmental Planning**Morning (4 hours):**

- Environmental monitoring and sensor networks
- Climate data analysis and visualization
- Remote sensing for environmental planning
- Environmental modeling and simulation

Afternoon (4 hours):

- Environmental monitoring workshop
- Climate data analysis
- Remote sensing applications
- Environmental simulation modeling

Friday: Concentration Technology - Housing and Development**Morning (4 hours):**

- PropTech and real estate technology
- Housing data platforms and analytics
- Development project management software
- Market analysis and forecasting tools

Afternoon (4 hours):

- PropTech evaluation workshop
- Housing data analysis
- Project management system design
- Market forecasting exercises

Assessment for Week 6:

- Technology application project (20%)
- Data science planning application (20%)
- Concentration technology strategy (20%)
- Digital tool evaluation and recommendation (15%)
- Innovation proposal development (15%)

Reading Materials:

- Batty, M. "The New Science of Cities" (Technology chapters)
 - Townsend, A. "Smart Cities: Big Data, Civic Hackers" (Advanced chapters)
 - Various technology and planning research papers
 - Concentration-specific technology case studies and applications
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Week 7: International and Comparative Perspectives

Monday: Global Planning Challenges and Responses

Morning (4 hours):

- Global urbanization and mega-city planning
- International development and planning
- Climate change and global resilience
- Migration and refugee planning

Afternoon (4 hours):

- Global urbanization analysis
- International development project design
- Global resilience strategy development
- Migration and displacement planning

Tuesday: Comparative Planning Systems

Morning (4 hours):

- Planning systems across cultures and contexts
- Governance and institutional frameworks
- Policy transfer and adaptation
- Cultural competency in international planning

Afternoon (4 hours):

- Planning system comparison analysis
- Institutional framework assessment
- Policy transfer case studies
- Cultural competency workshop

Wednesday: Concentration International - Community Development**Morning (4 hours):**

- International community development approaches
- Participatory development and empowerment
- Microfinance and social enterprise globally
- Community-based natural resource management

Afternoon (4 hours):

- International CD approach analysis
- Participatory development workshop
- Global microfinance assessment
- CBNRM case study analysis

Thursday: Concentration International - Environmental Planning**Morning (4 hours):**

- Global environmental governance
- International climate policy and agreements
- Transboundary environmental planning
- Environmental justice globally

Afternoon (4 hours):

- Environmental governance analysis
- Climate policy comparison
- Transboundary planning simulation
- Global EJ case studies

Friday: Concentration International - Housing and Development**Morning (4 hours):**

- Global housing policy and informal settlements
- International development finance
- Public-private partnerships globally
- Urban regeneration and displacement

Afternoon (4 hours):

- Global housing policy analysis
- International development finance workshop
- Global PPP case studies
- Urban regeneration impact assessment

Assessment for Week 7:

- Global planning challenge analysis (20%)
- Comparative planning system study (20%)
- International concentration project (20%)
- Cultural competency assessment (15%)
- Global best practice identification (15%)

Reading Materials:

- UN-Habitat "World Cities Report" (Latest edition)
- Sanyal, B. "Comparative Planning Cultures" (Advanced chapters)
- Various international planning case studies
- Concentration-specific international readings and reports

Week 8: Research Methods and Data Collection

Monday: Advanced Qualitative Research Methods

Morning (4 hours):

- Ethnographic methods for planning research
- Narrative analysis and life history methods
- Visual and participatory research methods
- Digital ethnography and online research

Afternoon (4 hours):

- Ethnographic method workshop
- Narrative analysis practice
- Visual research method training
- Digital ethnography exercises

Tuesday: Advanced Quantitative Methods

Morning (4 hours):

- Experimental and quasi-experimental design
- Time series analysis and forecasting
- Spatial econometrics and modeling
- Advanced survey research methods

Afternoon (4 hours):

- Experimental design workshop
- Time series analysis exercises
- Spatial econometrics applications
- Advanced survey design

Wednesday: Mixed Methods Research Design**Morning (4 hours):**

- Advanced mixed methods frameworks
- Sequential and concurrent design strategies
- Data integration and triangulation
- Mixed methods evaluation research

Afternoon (4 hours):

- Mixed methods design workshop
- Data integration exercises
- Triangulation technique practice
- Evaluation research planning

Thursday: Participatory and Community-Based Research**Morning (4 hours):**

- Community-based participatory research methods
- Participatory action research implementation
- Community ownership and capacity building
- Ethical considerations in participatory research

Afternoon (4 hours):

- CBPR methodology workshop
- PAR project planning
- Community capacity assessment
- Research ethics training

Friday: Research Quality and Validation**Morning (4 hours):**

- Validity and reliability in planning research
- Bias recognition and mitigation
- Peer review and quality assurance
- Research transparency and reproducibility

Afternoon (4 hours):

- Research quality assessment workshop
- Bias mitigation training
- Peer review process practice
- Reproducibility planning

Assessment for Week 8:

- Advanced qualitative research project (20%)
- Quantitative method application (20%)
- Mixed methods research design (20%)
- Participatory research proposal (20%)
- Research quality assessment (10%)

Reading Materials:

- Creswell, J. "Research Design: Qualitative, Quantitative, and Mixed Methods"
 - Israel, B. "Methods for Community-Based Participatory Research" (Advanced)
 - Yin, R. "Case Study Research: Design and Methods" (Advanced chapters)
 - Various research methodology and quality assurance resources
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Week 9: Planning Law and Legal Analysis

Monday: Advanced Planning Law

Morning (4 hours):

- Constitutional foundations of planning law
- Property rights and regulatory takings
- Due process and equal protection in planning
- Environmental law and planning integration

Afternoon (4 hours):

- Legal case analysis workshop
- Property rights simulation
- Constitutional analysis exercises
- Environmental law applications

Tuesday: Zoning and Land Use Regulation

Morning (4 hours):

- Advanced zoning techniques and tools
- Form-based codes and design standards
- Special districts and overlay zones
- Zoning variance and special permit processes

Afternoon (4 hours):

- Zoning code analysis and reform
- Form-based code development
- Special district design
- Permit process simulation

Wednesday: Legal Aspects of Concentration Areas**Morning (4 hours):**

- Community development law and regulation
- Environmental law and enforcement
- Housing law and tenant protection
- International law and planning

Afternoon (4 hours):

- Concentration-specific legal analysis
- Regulatory compliance assessment
- Legal advocacy strategy development
- International law applications

Thursday: Planning Ethics and Professional Responsibility**Morning (4 hours):**

- Professional ethics in planning practice
- Conflicts of interest and disclosure
- Public participation and transparency
- Professional liability and accountability

Afternoon (4 hours):

- Ethics case study analysis
- Conflict of interest assessment
- Public participation legal requirements
- Professional liability planning

Friday: Legal Research and Advocacy**Morning (4 hours):**

- Legal research methods for planners
- Legislative analysis and advocacy
- Regulatory comment and public testimony
- Litigation support and expert testimony

Afternoon (4 hours):

- Legal research workshop
- Legislative advocacy exercise
- Public testimony practice
- Expert testimony preparation

Assessment for Week 9:

- Planning law case analysis (20%)
- Zoning reform proposal (20%)
- Legal advocacy strategy (20%)
- Ethics case study analysis (15%)
- Legal research project (15%)

Reading Materials:

- Nolon, J. "Land Use in a Nutshell" (Advanced chapters)
 - Callies, D. "Cases and Materials on Land Use" (Selected cases)
 - APA "Ethical Principles in Planning" (Advanced applications)
 - Various legal research and advocacy guides
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Week 10: Advanced Workshop and Studio Projects

Monday: Studio Project Development and Management

Morning (4 hours):

- Project scope refinement and management
- Client relationship and communication
- Team coordination and leadership
- Quality assurance and deliverable planning

Afternoon (4 hours):

- Project management workshop
- Client communication practice
- Team leadership exercises
- Quality control procedures

Tuesday: Advanced Analysis and Modeling

Morning (4 hours):

- Integrated analysis and modeling approaches
- Scenario planning and futures thinking
- Risk assessment and uncertainty analysis
- Decision support system development

Afternoon (4 hours):

- Integrated modeling workshop
- Scenario development exercises
- Risk assessment methodology
- Decision support tool creation

Wednesday: Community Engagement in Practice**Morning (4 hours):**

- Real-world community engagement implementation
- Stakeholder coordination and management
- Public meeting facilitation and management
- Community feedback integration

Afternoon (4 hours):

- Community engagement implementation
- Stakeholder meeting coordination
- Public meeting execution
- Feedback analysis and integration

Thursday: Policy Development and Advocacy**Morning (4 hours):**

- Policy development for studio projects
- Advocacy strategy development and implementation
- Legislative and regulatory analysis
- Public testimony and presentation

Afternoon (4 hours):

- Policy development workshop
- Advocacy strategy implementation
- Regulatory analysis and comment
- Public testimony practice

Friday: Professional Practice Integration**Morning (4 hours):**

- Professional practice skill demonstration
- Client deliverable preparation
- Professional presentation development
- Ethics and quality assurance

Afternoon (4 hours):

- Professional practice assessment
- Client deliverable review
- Professional presentation practice
- Ethics and quality review

Assessment for Week 10:

- Studio project management (25%)
- Analysis and modeling integration (20%)
- Community engagement implementation (20%)
- Policy development and advocacy (20%)
- Professional practice demonstration (15%)

Reading Materials:

- Various project management and professional practice resources
 - Client engagement and communication guides
 - Policy development and advocacy materials
 - Professional ethics and quality assurance standards
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Week 11: Evaluation and Impact Assessment

Monday: Program and Policy Evaluation Methods

Morning (4 hours):

- Theory-based evaluation approaches
- Impact evaluation design and methods
- Cost-effectiveness and cost-benefit analysis
- Social return on investment analysis

Afternoon (4 hours):

- Evaluation design workshop
- Impact evaluation planning
- Cost-effectiveness analysis exercises
- SROI calculation and application

Tuesday: Performance Measurement and Management

Morning (4 hours):

- Performance measurement system design
- Logic models and theory of change
- Indicator development and selection
- Data collection and management systems

Afternoon (4 hours):

- Performance system design workshop
- Logic model development
- Indicator selection exercises
- Data system planning

Wednesday: Community Impact Assessment**Morning (4 hours):**

- Community impact assessment methods
- Social impact assessment techniques
- Health impact assessment applications
- Equity impact assessment frameworks

Afternoon (4 hours):

- Community impact assessment workshop
- Social impact methodology
- Health impact assessment practice
- Equity impact tool development

Thursday: Environmental Impact Assessment**Morning (4 hours):**

- Advanced EIA methodology
- Cumulative impact assessment
- Strategic environmental assessment
- Climate impact assessment

Afternoon (4 hours):

- Advanced EIA workshop
- Cumulative impact analysis
- Strategic assessment planning
- Climate impact methodology

Friday: Evaluation Communication and Use**Morning (4 hours):**

- Evaluation communication strategies
- Stakeholder engagement in evaluation
- Utilization-focused evaluation approaches
- Evaluation capacity building

Afternoon (4 hours):

- Evaluation communication workshop
- Stakeholder engagement planning
- Utilization strategy development
- Capacity building design

Assessment for Week 11:

- Program evaluation design (25%)
- Performance measurement system (20%)
- Impact assessment application (20%)
- Evaluation communication strategy (15%)
- Evaluation utilization plan (10%)

Reading Materials:

- Patton, M. "Utilization-Focused Evaluation" (Advanced chapters)
 - Chen, H. "Theory-Driven Evaluations" (Selected chapters)
 - Various impact assessment methodologies and guides
 - Evaluation communication and utilization resources
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Week 12: Innovation and Entrepreneurship in Planning

Monday: Innovation in Planning Practice

Morning (4 hours):

- Innovation theory and frameworks
- Social innovation and planning
- Technology innovation in planning
- Institutional innovation and change

Afternoon (4 hours):

- Innovation assessment workshop
- Social innovation design
- Technology innovation evaluation
- Institutional change planning

Tuesday: Entrepreneurship and Planning

Morning (4 hours):

- Planning entrepreneurship and consulting
- Social entrepreneurship in planning
- Business model development
- Funding and revenue generation

Afternoon (4 hours):

- Business model canvas workshop
- Social enterprise planning
- Revenue model development
- Funding strategy design

Wednesday: Innovation Districts and Economic Development**Morning (4 hours):**

- Innovation district planning and development
- Entrepreneurship ecosystem development
- University-community partnerships
- Creative economy and placemaking

Afternoon (4 hours):

- Innovation district planning workshop
- Ecosystem mapping and development
- Partnership strategy development
- Creative placemaking design

Thursday: Technology Transfer and Implementation**Morning (4 hours):**

- Technology transfer in planning
- Best practice identification and adaptation
- Implementation science applications
- Knowledge management and sharing

Afternoon (4 hours):

- Technology transfer workshop
- Best practice adaptation exercise
- Implementation planning
- Knowledge sharing system design

Friday: Future of Planning Practice**Morning (4 hours):**

- Emerging trends in planning
- Future roles and competencies
- Professional development planning
- Innovation and change leadership

Afternoon (4 hours):

- Trend analysis workshop
- Competency development planning
- Professional innovation strategy
- Change leadership training

Assessment for Week 12:

- Innovation strategy development (20%)
- Business model design (20%)
- Innovation district plan (20%)
- Technology transfer proposal (15%)
- Future practice vision (15%)

Reading Materials:

- Katz, B. "The Rise of Innovation Districts" (Full text)
 - Christensen, C. "The Innovator's Dilemma" (Public sector applications)
 - Various innovation and entrepreneurship resources
 - Future of planning practice articles and reports
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Week 13: Thesis and Capstone Development

Monday: Thesis and Capstone Planning

Morning (4 hours):

- Thesis vs. capstone project selection
- Research question refinement
- Methodology selection and justification
- Timeline and milestone development

Afternoon (4 hours):

- Individual advisor consultations
- Research question workshops
- Methodology planning sessions
- Timeline development

Tuesday: Literature Review and Theoretical Framework

Morning (4 hours):

- Advanced literature review methods
- Theoretical framework development
- Gap analysis and contribution identification
- Citation management and organization

Afternoon (4 hours):

- Literature review workshop
- Theoretical framework development
- Gap analysis exercises
- Reference management training

Wednesday: Data Collection and Analysis Planning**Morning (4 hours):**

- Data collection strategy development
- Sampling and recruitment planning
- Analysis plan development
- Quality assurance and validation

Afternoon (4 hours):

- Data collection planning workshop
- Sampling strategy development
- Analysis planning exercises
- Quality assurance procedures

Thursday: Proposal Writing and Development**Morning (4 hours):**

- Proposal structure and organization
- Academic writing for thesis proposals
- Professional writing for capstone proposals
- Grant writing and funding applications

Afternoon (4 hours):

- Proposal writing workshop
- Writing support and feedback
- Peer review and editing
- Funding application preparation

Friday: Proposal Presentation and Defense**Morning (4 hours):**

- Proposal presentation preparation
- Visual communication and design
- Defense strategy and preparation
- Q&A preparation and practice

Afternoon (4 hours):

- Proposal presentations
- Peer and faculty feedback
- Defense simulation and practice
- Revision planning and next steps

Assessment for Week 13:

- Thesis/capstone proposal (40%)
- Literature review and theoretical framework (25%)
- Data collection and analysis plan (20%)
- Proposal presentation and defense (15%)

Reading Materials:

- Booth, W. "The Craft of Research" (Advanced chapters)
- Various thesis and capstone examples
- Academic and professional writing guides
- Research proposal evaluation criteria and rubrics

Week 14: Professional Practice and Career Development

Monday: Advanced Professional Skills

Morning (4 hours):

- Leadership and management in planning
- Strategic thinking and planning
- Change management and innovation
- Cross-sector collaboration

Afternoon (4 hours):

- Leadership skill assessment and development
- Strategic planning exercises
- Change management simulation
- Collaboration strategy development

Tuesday: Planning Consulting and Practice

Morning (4 hours):

- Planning consulting business development
- Client relationship management
- Project management and delivery
- Quality assurance and professional standards

Afternoon (4 hours):

- Consulting business planning
- Client management simulation
- Project delivery exercises
- Quality assurance procedures

Wednesday: Career Development and Networking**Morning (4 hours):**

- Career pathway planning and development
- Professional networking strategies
- Industry knowledge and trend analysis
- Continuing education and certification

Afternoon (4 hours):

- Career development planning
- Networking skill development
- Industry analysis exercises
- Professional development strategy

Thursday: Portfolio Development and Presentation**Morning (4 hours):**

- Professional portfolio organization
- Work sample selection and presentation
- Digital portfolio development
- Career story development

Afternoon (4 hours):

- Portfolio development workshop
- Work sample curation
- Digital portfolio creation
- Career narrative development

Friday: Mock Interviews and Job Search**Morning (4 hours):**

- Job search strategies and techniques
- Interview preparation and practice
- Salary negotiation and benefits
- Professional transition planning

Afternoon (4 hours):

- Mock interview sessions
- Job search workshop
- Negotiation practice
- Transition planning consultation

Assessment for Week 14:

- Professional skill demonstration (20%)
- Career development plan (20%)
- Professional portfolio (25%)
- Interview and job search preparation (20%)
- Professional network development (15%)

Reading Materials:

- Various career development and job search resources
- Professional portfolio examples and guides
- Interview preparation and negotiation materials
- Industry career pathway information

Week 15: Semester Integration and Spring Preparation

Monday: Knowledge Integration and Synthesis

Morning (4 hours):

- Concentration area knowledge integration
- Cross-cutting theme identification
- Theory-practice integration
- Professional competency assessment

Afternoon (4 hours):

- Knowledge integration workshop
- Theme mapping exercises
- Theory-practice synthesis
- Competency evaluation

Tuesday: Research and Practice Integration

Morning (4 hours):

- Research findings and practice implications
- Evidence-based practice development
- Knowledge translation and transfer
- Practice-informed research development

Afternoon (4 hours):

- Research-practice integration workshop
- Evidence-based practice planning
- Knowledge transfer strategy
- Practice-research connection development

Wednesday: Professional Development Portfolio**Morning (4 hours):**

- Comprehensive portfolio review
- Learning achievement documentation
- Professional growth demonstration
- Future learning plan development

Afternoon (4 hours):

- Portfolio review and feedback
- Achievement documentation
- Growth assessment and planning
- Future learning strategy

Thursday: Spring Semester and Thesis Preparation**Morning (4 hours):**

- Spring semester planning and preparation
- Thesis/capstone project timeline
- Research and data collection preparation
- Advisor relationship and communication

Afternoon (4 hours):

- Spring planning consultation
- Project timeline development
- Research preparation workshop
- Advisor meeting and planning

Friday: Semester Reflection and Celebration**Morning (4 hours):**

- Semester reflection and assessment
- Peer appreciation and networking
- Faculty feedback and recognition
- Program milestone celebration

Afternoon (4 hours):

- Reflection workshop and sharing
- Peer networking and celebration
- Faculty appreciation event
- Milestone recognition ceremony

Assessment for Week 15:

- Knowledge integration portfolio (25%)
- Research-practice integration plan (20%)
- Professional development portfolio (25%)
- Spring preparation and planning (15%)
- Semester reflection and assessment (15%)

Reading Materials:

- Knowledge integration and synthesis frameworks
- Research-practice integration guides
- Professional development portfolio standards
- Spring semester preparation materials

SEMESTER LEARNING OUTCOMES

Upon completion of the third semester, students will:

1. **Demonstrate Specialized Expertise:** Master advanced knowledge and skills in chosen concentration area
2. **Conduct Advanced Research:** Design and implement sophisticated research using multiple methodologies
3. **Lead Complex Projects:** Manage multi-stakeholder planning projects from conception to completion
4. **Analyze and Develop Policy:** Create evidence-based policy recommendations and implementation strategies
5. **Engage Diverse Communities:** Design and facilitate inclusive and culturally competent engagement processes
6. **Apply Technology and Innovation:** Integrate cutting-edge tools and methods into planning practice
7. **Practice Professional Leadership:** Demonstrate ethical leadership and professional judgment in complex situations

8. **Prepare for Thesis/Capstone:** Complete comprehensive proposal for final degree requirement

CONCENTRATION AREA MASTERY

Students demonstrate mastery in their chosen concentration through:

Community Development

- Advanced CBPR and PAR methodology implementation
- Community organizing campaign design and leadership
- Community development finance and investment strategy
- Anti-displacement and equitable development planning

Environmental Planning

- Climate adaptation and resilience planning leadership
- Environmental impact assessment and policy analysis
- Green infrastructure design and implementation
- Environmental justice advocacy and community engagement

Housing and Development

- Affordable housing development project management
- Housing policy analysis and advocacy
- Anti-displacement and community development integration
- Public-private partnership structuring and negotiation

International Development

- Comparative planning analysis and policy transfer
- Cross-cultural planning competency and practice
- International development project design and management
- Global urbanization challenge analysis and response

Transportation Planning

- Transportation system analysis and policy development
- Transit-oriented development planning and implementation
- Transportation equity analysis and advocacy
- Sustainable mobility planning and strategy

Real Estate Development

- Development feasibility analysis and financial modeling
- Public-private partnership structuring and negotiation
- Market analysis and development strategy

- Community benefit integration and negotiation

This semester prepares students for their final semester capstone work and professional practice in their chosen specialization area.