

**Utah System of Higher Education  
New Academic Program Proposal  
Cover/Signature Page - Abbreviated Template**

**Institution Submitting Request:** University of Utah  
**Proposed Program Title:** Bachelor of Science in Urban Ecology + Master of City & Metropolitan Planning  
**Sponsoring School, College, or Division:** College of Architecture + Planning  
**Sponsoring Academic Department(s) or Unit(s):** Department of City & Metropolitan Planning  
**Classification of Instructional Program Code<sup>1</sup>:** Existing codes for BSUE (03.0103) and MCMP (30.3301)  
**Min/Max Credit Hours Required of Full Program:** 152 / n/a  
**Proposed Beginning Term<sup>2</sup>:** Winter 2020  
**Institutional Board of Trustees' Approval Date:**

**Program Type:**

<input type="checkbox"/>	Certificate of Proficiency	<input type="checkbox"/>	Entry-level CTE CP	<input type="checkbox"/>	Mid-level CP
<input type="checkbox"/>	Certificate of Completion				
<input type="checkbox"/>	Minor				
<input type="checkbox"/>	Graduate Certificate				
<input type="checkbox"/>	K-12 Endorsement Program				
<input type="checkbox"/>	<b>NEW</b> Emphasis for Regent-Approved Program				
	<i>Credit Hours for NEW Emphasis Only:</i>		<b>Min Cr Hr</b>	<b>/</b>	<b>Max Cr Hr</b>
	<i>Current Major CIP:</i>		<b>6 - Digit CIP</b>		
	<i>Current Program Title:</i>				
	<i>Current Program BOR Approval Date:</i>				
<input type="checkbox"/>	Out of Service Area Delivery Program				

**Chief Academic Officer (or Designee) Signature:**

I, the Chief Academic Officer or Designee, certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Please type your first and last name \_\_\_\_\_ Date: \_\_\_\_\_

☐ I understand that checking this box constitutes my legal signature.

<sup>1</sup> For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

<sup>2</sup> "Proposed Beginning Term" refers to first term after Regent approval that students may declare this program.

**Utah System of Higher Education  
Program Description - Abbreviated Template**

**Section I: The Request**

University of Utah requests approval to offer the following : Bachelor of Science in Urban Ecology + Master of City & Metropolitan Planning effective Winter 2020. This program was approved by the institutional Board of Trustees on .

**Section II: Program Proposal/Needs Assessment**

**Program Description/Rationale**

*Present a brief program description. Describe the institutional procedures used to arrive at a decision to offer the program. Briefly indicate why such a program should be initiated. State how the institution and the USHE benefit by offering the proposed program. Provide evidence of student interest and demand that supports potential program enrollment.*

The University of Utah's College of Architecture + Planning and the Department of City & Metropolitan Planning request permission to establish a combined Bachelor of Science in Urban Ecology and a Master of City & Metropolitan Planning--a.k.a. "BSUE/MCMP 4+1 program". If approved, the proposed program would be available beginning Fall Semester 2019.

This request is NOT to establish a new degree program. Instead, it seeks to take advantage of complementary intellectual benefits of facilitating a continuous flow of study of the related fields of urban ecology and city & metropolitan planning for high-performing students meeting specified rigorous entry requirements. In this way, the BSUE/MCMP 4+1 program supplements, but does not supplant, the preexisting degrees in urban ecology and city & metro planning. A student who meets the entry qualifications for the program will be able to earn both degrees in less time and with fewer overall credit requirements than if that student enrolled in each degree program independently. More importantly, the program will allow students to delve more deeply into the natural synergies that exist between the two complimentary disciplines.

Students seeking to take advantage of the BSUE/MCMP 4+1 program must first meet current University of Utah undergraduate admission standards, be accepted into the BSUE major, and be in good standing within the major. BSUE students who want to enter the 4+1 program must apply for admission during the spring semester of their junior year (i.e., after the completion of 75 undergraduate credit hours). To be admitted, applicants must have a cumulative undergraduate GPA of at least 3.4 and demonstrated excellent performance in at least six of the BSUE required core courses.

Upon enrollment in the BSUE/MCMP 4+1 program, students spend their senior year completing the requirements for the BSUE, including three MCMP core courses (at the 5000-level) that count as BSUE electives. Students then move on in their fifth year to take an additional 30 graduate-level credit hours, satisfying the remaining MCMP core requirements, plus six credit hours of 6000-level electives. Students completing these requirements receive both the BSUE and the MCMP, simultaneously. The department will advise students who fail to complete all of the requirements of the program on how they can optimally satisfy at least the requirements for the BSUE.

The student learning outcomes and outcome assessment methods for the proposed program will be those

of the two constituent degree programs.

For the BSUE, the student learning outcomes are:

1. Understand the relationships between social, environmental and economic systems and their role in shaping and managing human settlements.
2. Show ability in analyzing spatial, qualitative and quantitative data to address real world problems.
3. Demonstrate competency in written, visual and oral presentation skills.
4. Understand the scientific basis of the environmental challenges and opportunities of human settlements in the 21st Century.
5. Collaborate effectively across multiple planning, design, and scientific disciplines.
6. Understand the history, form, and theory of human settlements.

For the MCMP, the student learning outcomes are:

1. Understand livability, environmental sustainability, resilience, celebration of cultural diversity, social equity, economic efficiency, interdependency, and prosperity as core values and goals of planning.
2. Understand the purpose of planning, history of cities throughout the world, the range of planning theory advanced to understand the structure and function of cities, planning law, ecological/sustainability planning, land use and transportation planning, urban design methods and practices, and mechanisms for bringing people together to envision and realize better futures.
3. Acquire skills to undertake relevant research; think strategically as well as tactically; communicate clearly and effectively with a wide range of audiences through oral, written, and visual/graphic means; and engage in impactful practice through the development of plans and the ability to evaluate them and advance alternatives.
4. Work effectively to create plans and build teams with allied disciplines and professions as well as the range of stakeholders in any given project.
5. Provide leadership in enhancing the livability of communities locally and globally as well as to the profession and discipline of planning.
6. Proactively source and synthesize a wide range of quantitative and qualitative information to generate and employ new knowledge and methods that advance the health and well-being of places and communities as well as the planning discipline and profession.

The faculty of the Department of City & Metropolitan Planning and the College of Architecture + Planning Curriculum Committee and College Council all approved unanimously the proposal for the BSUE/MCMP 4+1 program.

### **Labor Market Demand**

*Provide local, state, and/or national labor market data that speak to the need for this program. Occupational demand, wage, and number of annual openings information may be found at sources such as Utah DWS Occupation Information Data Viewer ([jobs.utah.gov/jsp/wi/utalmis/gotoOccinfo.do](http://jobs.utah.gov/jsp/wi/utalmis/gotoOccinfo.do)) and the Occupation Outlook Handbook ([www.bls.gov/oco](http://www.bls.gov/oco)).*

The Bureau of Labor Statistics estimates a 12.8% growth in jobs for planners between 2016 and 2026, substantially higher than the national average increase in employment. Locally, that translates into more than 300 open positions annually across the Intermountain West. We anticipate that this will translate into greater student interest in acquiring the skills that will equip them for working in municipalities, nonprofit organizations, and private sector firms. For a number of these students, the opportunity for dual credentialing in both planning and urban ecology will provide excellent preparation for these positions.

The proposed BSUE/MCMP 4+1 program works toward achieving the 66% by 2020 state goal by providing a fast-track toward professional planning careers for high-performing students. In so doing, it is anticipated that the program will help encourage more Utahns to seek training through the Department of City & Metropolitan Planning to take advantage of employment opportunities in planning-related fields.

### **Consistency with Institutional Mission/Impact on Other USHE Institutions**

*Explain how the program is consistent with the institution's Regents-approved mission, roles, and goals. Institutional mission and roles may be found at [higheredutah.org/policies/policyr312/](http://higheredutah.org/policies/policyr312/) . Indicate if the program will be delivered outside of designated service area; provide justification. Service areas are defined in [higheredutah.org/policies/policyr315/](http://higheredutah.org/policies/policyr315/) .*

The mission of the University of Utah is "to foster[] student success by preparing students from diverse backgrounds for lives of impact as leaders and citizens." This proposed BSUE/MCMP 4+1 program is consistent with this mission as it prepares students for becoming leaders in communities across Utah and the West. As there is currently no other accredited planning program in Utah (or seven other states in the northern Rocky Mountain/High Plains region), and no other undergraduate major in urban ecology in Utah, the proposed program is unlikely to have any impact on other USHE institutions.

### **Finances**

*What costs or savings are anticipated in implementing the proposed program? If new funds are required, indicate expected sources of funds. Describe any budgetary impact on other programs or units within the institution.*

We do not expect more than minimal financial impacts as the result of this program, except for possible positive impacts from anticipated enrollment growth from high-performing students seeking to take advantage of the synergies of the accelerated program. Based on anecdotal information we have received from current and prospective students at the Utah Asia Campus (where the BSUE is currently offered), we expect anticipate the 4+1 program will have a positive effect on UAC enrollments, which will be experienced subsequently at the Utah campus as UAC students finish their undergraduate degree and then progress into the 4+1 program.

### Section III: Curriculum

#### Program Curriculum

List all courses, including new courses, to be offered in the proposed program by prefix, number, title, and credit hours (or credit equivalences). Indicate new courses with an X in the appropriate columns. The total number of credit hours should reflect the number of credits required to receive the award. **For NEW Emphases, skip to emphases tables below.**

For variable credits, please enter the minimum value in the table below for credit hours. To explain variable credit in detail as well as any additional information, use the narrative box below.

Course Number	NEW Course	Course Title	Credit Hours
General Education Courses (list specific courses if recommended for this program on Degree Map)			
General Education Credit Hour Sub-Total			62
Required Courses			
CMP 2010		Design Ecologies	3
ARCH 2630		Design Foundation Workshop	3
DES 2630		Design Contexts	3
CMP 3100		Planning Theory and Practice	3
CMP 3200		Ecology of Human Settlements	3
CMP 3270		Visual and Oral Communication	3
CMP 3400		Economy of Cities	3
CMP 4010		Field Studies in Urban Ecology I	3
CMP 4020		Field Studies in Urban Ecology II	3
CMP 4260		Land, Law & Culture	3
CMP 4280		Ecological Planning Workshop	3
CMP 4450		GIS for Urban Ecologists	3
CMP 4600		The Just City	3
CMP 4954		Internship in Urban Ecology	3
CMP 5610		Urban Ecology	3
CMP 5160		Plan Making	3
CMP 5010		Community & Regional Analysis	3
CMP 6100		Urban & Planning Theory	3
CMP 6260		Land Use Law	3
CMP 6322		City & Metropolitan Economics	3
CMP 6430		Community Engagement in Planning	3
CMP 6455		Advanced GIS Applications	3
CMP 6280		Graduate Workshop	3
CMP 6970		Professional Project I	3
CMP 6971		Professional Project II	3
Add Another Required Course			
Required Course Credit Hour Sub-Total			75
Elective Courses			
4000 level		3 undergraduate CMP elective courses	9
6000 level		2 graduate CMP elective courses	6

Course Number	NEW Course	Course Title	Credit Hours
Add Another Elective Course			
Elective Credit Hour Sub-Total			15
Core Curriculum Credit Hour Sub-Total			152

Propose a NEW Emphasis to an existing Regent approved program

### Program Curriculum Narrative

*Describe any variable credits. You may also include additional curriculum information, as needed.*

The curriculum for the BSUE/MCMP 4+1 program blends together the core courses of each of the constituent degrees, substituting three of usual elective courses for the BSUE with three MCMP core courses (renumbered as 5000-level courses just for the 4+1 students).

**Degree Map**

*Degree maps pertain to undergraduate programs ONLY. Provide a degree map for proposed program. Degree Maps were approved by the State Board of Regents on July 17, 2014 as a degree completion measure. Degree maps or graduation plans are a suggested semester-by-semester class schedule that includes prefix, number, title, and semester hours. For more details see <http://higheredutah.org/pdf/agendas/201407/TAB%20A%202014-7-18.pdf> (Item #3).*

*Please cut-and-paste the degree map or manually enter the degree map in the table below*