



**NEW GRADUATE CONCENTRATION PROPOSALS**  
**ARIZONA STATE UNIVERSITY**  
**GRADUATE EDUCATION**

**This form should be used for academic units wishing to propose a new concentration for existing graduate degrees.**

A concentration is a subspecialty within a degree and major. It indicates the fulfillment of a designated, specialized course of study, which qualifies the student with skills and training in one highly concentrated area of the major. Concentrations are formally-recognized educational designations (including the assignment of a university plan code for reporting/record-keeping purposes and appearance on the ASU transcript). Concentrations are distinguished from more informal academic distinctions such as “emphases,” “tracks,” “foci,” “options,” etc.

Submit the completed and signed (chairs, unit deans) proposal to the **Office of Graduate Academic Programs**, mail code 1003 and electronic copies to [eric.wertheimer@asu.edu](mailto:eric.wertheimer@asu.edu) or [amanda.morales-calderon@asu.edu](mailto:amanda.morales-calderon@asu.edu).

**Please type.**

|  |  |
|--|--|
| <b>Contact Name(s):</b><br>Chris Herbst  | <b>Contact Phone(s):</b><br>(602) 496-0458 |
| <b>College/School/Division Name:</b><br>College of Public Programs (COPP)  |  |
| <b>Academic Unit Name:</b><br>School of Public Affairs (SPA)   |  |
| <b>Existing Graduate Degree and Major under which this concentration will be established:</b><br>Master of Public Policy (MPP) |  |
| <b>Proposed Concentration Name:</b><br>Environmental Policy  |  |
| <b>Requested Effective Term and Year:</b><br>Fall 2014   |  |
| <b>Do Not Fill in this information: Office Use Only</b><br><b>Plan Code:</b>   | <b>CIP Code:</b>                           |

**1. Overview**

- A. Provide a brief description (*not to exceed 150 words*) of the new concentration (including the focus of the new concentration, relationship to other concentrations within this degree program, etc).

Through a partnership with ASU’s School of Sustainability, the MPP concentration in Environmental Policy is designed to prepare master’s-level students to apply sustainability principles and approaches to careers in a variety of fields that address environmental and, inevitably, human challenges. Students with a concentration in environmental policy will have the knowledge base and skills to bring sustainability solutions to corporate, government, and non-profit sectors. The concentration begins by building a foundation in environmental policy and theory through the core coursework, followed by one elective that develops and deepens student expertise in specific areas and issues. The concentration is uniquely positioned to allow students to build careers in public policy analysis and administration, international development, and non-profit settings.

**2. Impact Assessment**

- A. Explain the unit’s need for the new concentration (e.g., market demand, research base, direction of the discipline, and interdisciplinary considerations). How will the new concentration complement the existing degree program, including enrollment, national ranking, etc.?

The ASU School of Public Affairs is engaged in teaching, research, and community involvement in public administration and public policy analysis. Solving complex public policy problems, dilemmas, and challenges increasingly requires both a broad and deep knowledge framework within which to view these public policy problems. Policymakers are frequently faced with conflicting solutions to public policy problems, thus requiring the experience, expertise, and knowledge of trained professionals who can provide multiple perspectives on the issues under consideration. To achieve the goal of a highly-skilled policy and administration workforce, MPA/MPP students require not only a solid core foundation of policy

and administration theory and methods, but also specialized knowledge in policy areas, including—increasingly—environmental policy.

The creation of a concentration in environmental policy within SPA is an explicit recognition of one of ASU's key drivers toward becoming a New American University: that of facilitating a trans-disciplinary environment within which teaching and research occur. In other words, creation of the environmental policy concentration embodies the University's mission and strategic mission.

Indeed, the School of Sustainability, too, takes a trans-disciplinary approach in its curriculum, addressing a broad array of local and global challenges, including: energy, materials, and technology; water quality and availability; international development; ecosystems; social transformations; and policy and governance. These challenges are addressed by bringing together multiple disciplines and leaders to generate and communicate knowledge, train future generations of scholars and practitioners, and develop practical solutions to some of the most pressing environmental, economic, and social challenges of sustainability, especially as they relate to urban areas.

Through collaboration with the School of Sustainability, we will also be able to offer policy expertise in an area where ASU has developed a national and international reputation, and this should be a strength for attracting students to the concentration.

Graduates of the MPP program with a concentration in environmental policy will be able to think deeply and broadly about different types of sustainability problems using a combination of theory and methods from the SPA and the School of Sustainability. Graduates will have the technical skills to formulate and solve problems at the appropriate scale, the breadth of vision to recognize the interconnectedness of coupled social and environmental systems, and the real-world experience to apply their knowledge in the workplace. The concentration will place a clear emphasis on producing policy-relevant results by developing a knowledge base for effectively operating within environmental and social institutions; providing students with content knowledge and core skills related to environmental policy; and providing opportunities to research and act-upon complex problems in the field.

- B. Please identify other related ASU programs and describe how the new concentration will complement these existing ASU programs? (If applicable, statements of support from affected academic unit administrators should be included with this proposal submission.)**

The concentration in Environmental Policy will enable students to combine a mastery of advanced methods for environmental policy analysis with substantive expertise that will help them understand and address complex environmental phenomena and achieve goals within public and governance spheres. The program's design responds to the need for professionals with domain-specific knowledge in environmental policy which can then be applied to address societal and governance needs and issues. These goals are aligned with the aims of ASU's New American University and are largely unaddressed by public administration and public policy programs at other universities.

The proposed concentration in Environmental Policy will not compete with other ASU programs for students, especially given that virtually all of the participants will originate from the MPP program within SPA. The concentration is expected to attract students with a different focus—primarily those with an interest in public policy analysis—than those that enroll in existing programs. The goal is to differentiate the MPP program from others across the country and to enhance the educational experience and careers prospects for students enrolled in the MPP. Since the MPP focuses more on policy analysis and economics there should be no conflict or direct competition with other graduate programs offered at ASU including Sustainability and Environmental and Resource Management.

In addition, the proposed concentration in Environmental Policy will enhance other academic units in at least two ways. First, the proposed concentration will enable students to take courses in particular subjects from other academic units, such that demand for those units' courses should witness a notable increase. Second, the proposed concentration's outwardly-focused, interdisciplinary teaching and research perspective will create synergies with and enhance the exposure of existing academic units.

- C. Is this an interdisciplinary concentration? If yes, please address the relationship of the proposed concentration to other existing degree programs and any parallel or similar concentrations in those degree programs. **(Please include relevant Memoranda of Understanding regarding this interdisciplinary concentration from all applicable academic units.)**

See above.

### 3. Academic Requirements and Curriculum

- A. What are the total minimum hours required for the major and degree under which the proposed concentration will be established?

The MPP requires 42 credit hours.

- B. Please provide the admissions criteria for the proposed concentration. If they are identical to the admission criteria for the existing major and degree program under which this concentration will be established, you may attach a copy of these criteria as they appear on the departmental website, or other source (please indicate source).

Please also list all undergraduate and graduate degrees and/or related disciplines that are required for admission to this concentration program.

Applicants to the concentration will be accepted year-round. Students may be granted admission for Fall, Spring, or Summer semesters. Students must meet all Graduate Education admissions requirements. Potential applicants who hold a bachelor's degree from a regionally accredited institution in a related field are eligible to apply to the program. Related fields include political science, sustainability, planning, business, urban and metropolitan studies, as well as other social science degrees. Although the target students for the graduate concentration would most likely come from the aforementioned degree fields— the department may accept applicants with undergraduate degrees from all educational backgrounds provide they meet the minimum requirements for the degree program.

The following entry level competencies are needed for admission to the program: an undergraduate social statistics course (such as **PAF 301 Applied Statistics**) along with previous course work in microeconomics course-work including coverage of market failure and public goods with a grade of B or higher. Suggested courses that will satisfy this entry level competency include **PAF 201 Economics and Public Policy** or **PAF 504 Public Affairs Economics**. An introduction to microeconomics course taken at either the undergraduate or graduate-level is sufficient to complete this competency. However, students who complete the graduate course may not use that class on their graduate Plan of Study. Students can complete deficiency classes prior to admission to the program or within their first semester after admission. Courses taken to satisfy entry level competencies cannot be used toward the completion of the MPP degree. Regular admission may be granted to applicants who have achieved a grade point average of 3.0 (on a 4.0 scale) or better in the last two years of work leading to a bachelor's degree. GRE verbal, quantitative, and analytical scores will be used as one of the indicators to see how competitive an applicant is within the applicant pool. Applicants will be required to submit an official ASU graduate application, official GRE scores, official transcripts of all undergraduate and graduate course work, a statement of career and educational goals, and three letters of recommendation (two of which should be academic recommendations).

**Degree(s):** See paragraph above.

**GPA:** Minimum of a 3.00 cumulative GPA (scale is 4.0=A) in the last 60 hours of a student's first bachelor's degree program. Minimum of 3.00 cumulative GPA (scale is 4.0 = A) in the applicable Master's degree.

**English Proficiency Requirement for International Applicants:** (See Graduate Education policies and procedures) ([http://graduate.asu.edu/admissions/international/english\\_proficiency](http://graduate.asu.edu/admissions/international/english_proficiency)): Same as Graduate Education policy.

**Required Admission Examinations:**  GRE     GMAT     Millers Analogies     None required

- C. If the proposed concentration is part of a larger, interdisciplinary agenda, please provide additional admission information related to students who may enter with various academic backgrounds, including expected entry-level competencies. As applicable, please also address the courses that must be taken to remedy any relevant deficiencies for incoming students.

The following entry level competencies are needed for admission to the program: an undergraduate social statistics course (such as **PAF 301 Applied Statistics**) along with previous course work in microeconomics course-work including coverage of market failure and public goods with a grade of B or higher. Suggested courses that will satisfy this entry level competency include **PAF 201 Economics and Public Policy** or **PAF 504 Public Affairs Economics**. Courses taken to satisfy entry level competencies cannot be used toward the completion of the MPP degree. Regular admission may be granted to applicants who have achieved a grade point average of 3.0 (on a 4.0 scale) or better in the last two years of work leading to a bachelor's degree. GRE verbal, quantitative, and analytical scores will be used as one of the indicators to see how competitive an applicant is within the applicant pool. Applicants will be required to submit an official ASU graduate application, official GRE scores, official transcripts of all undergraduate and graduate course work, a statement of career and educational goals, and three letters of recommendation (two of which should be academic recommendations).

- D. What knowledge, competencies, and skills (learning outcomes) should graduates have when they complete this proposed concentration program? Examples of program learning outcomes can be found at (<https://uoeee.asu.edu/program-outcomes>).

|                                  |  |
|----------------------------------|--|
| <b>OUTCOME 1</b>                 | Graduates from the MPP program will conduct systematic analyses of public policy.  |
| <b>Measure 1.1</b>               | Capability will be assessed through performance in PAF 505 Public Policy Analysis.   |
| <b>Performance Criterion 1.1</b> | 85% of students will earn a rating of 80% or higher on final course project.   |
| <b>Measure 1.2</b>               | Capability will be assessed through a student assessment instrument completed during the capstone course (which ranges from 1-5, with 1 signifying "very poor" and 5 signifying "very good") in which students evaluate their understanding of policy analysis and implementation. |
| <b>Performance Criterion 1.2</b> | Students completing the program, taking the student assessment in PAF 509 or 579, will have a mean score of at least 4.  |
| <b>OUTCOME 2</b>                 | Graduates from the concentration in Environmental Policy will have the methodological tools to evaluate and design environmental policies and programs.  |
| <b>Measure 2.1</b>               | Capability will be assessed through performance in PAF 541 Program Evaluation.   |
| <b>Performance Criterion 2.1</b> | 85% of students will earn a rating of 80% or higher on final course project.   |
| <b>Measure 2.2</b>               | Capability will be assessed through a student assessment instrument completed during the capstone course (which ranges from 1-5, with 1 signifying "very poor" and 5 signifying "very good") in which students evaluate their understanding of program planning and evaluation.    |
| <b>Performance Criterion 2.2</b> | Students completing the program, taking the student assessment in PAF 509 or 579, will have a mean score of at least 4.  |

- E. How will students be assessed and evaluated in achieving the knowledge, competencies, and skills outlined in 3.D. above?

Examples of assessment methods can be found at (<http://www.asu.edu/oue/assessment.html>).

A master's committee that consists of department faculty is responsible for the assessment and evaluation of the program. The School of Public Affairs measures student's learning at the start and conclusion of the MPP program. SPA faculty involved in teaching in overlapping/complementary areas of the MPP core curriculum meet twice annually to discuss the core agreements in each topical area and to provide guidance to faculty associates and adjuncts on syllabus construction and textbook selection. These core agreement groups are also involved in generating feedback on the extent to which the core agreements are appropriately tied to student assessments later in the program and how these ties can be strengthened.

Students complete a student assessment survey at the start of the program in which they indicate their level of knowledge for several key learning objectives, including their understanding of 1.) policy analysis and implementation, and 2.) program planning and evaluation. Students also complete the same survey at the conclusion of the program. This survey

measures items related to program experiences, professional competencies, and employment. Comparison of these student assessment surveys provides the department with insight into student learning and program effectiveness.

In addition, the school uses course evaluations as a measurement tool to help steer content and learning outcomes for each required core course in the program.

The MPP degree requires students to demonstrate competency for public service by synthesizing and applying core knowledge, skills, and abilities to public service problems. Students demonstrate their public service competency by earning an A or a B in the required capstone course, PAF 509 Public Affairs Capstone or PAF 579 Public Policy Capstone. Either PAF 509 or PAF 579 is taken after completion of all required MPP coursework. The purpose of these courses is to serve as the culminating experience for students enrolled in the MPP in Public Policy program. In addition, students will be expected to achieve a mastery level or above (3.0 GPA or higher) in learning outcomes outlined for each concentration class.

**F. Please provide the curricular structure for the proposed concentration.**

- Additionally, please ensure that all **new** required course proposals have been submitted to the Provost's office through the Curriculum ChangeMaker online course proposal submission system for approval before this concentration is put on the University Graduate Council and CAPC agendas.

| <b>Required Core Courses for the Degree</b>   |   |                             | <b>Credit Hours</b> |
|---|---|-----------------------------|---------------------|
| (Prefix & Number)   | (Course Title)                                    | (New Course?)<br>Yes or No? | <b>30</b>           |
| PAF 501   | Public Service Research I                         | N                           | 3                   |
| PAF 502   | Public Service Research II                        | N                           | 3                   |
| PAF 503   | Public Affairs                                    | N                           | 3                   |
| PAF 505   | Public Policy Analysis                            | N                           | 3                   |
| PAF 540   | Advanced Policy Analysis                          | N                           | 3                   |
| PAF 541   | Program Evaluation                                | N                           | 3                   |
| PAF 570   | Urban Economics and Public Finance                | N                           | 3                   |
| PAF 571   | Geographic Information Systems (GIS) and Analysis | N                           | 3                   |
| PAF 573   | Advanced Regression                               | N                           | 3                   |
| PAF 574   | Diversity, Ethics and Leading Public Change       | N                           | 3                   |
| <b>Required Concentration Courses</b>   |   |                             | <b>Credit Hours</b> |
| (Prefix & Number)   | (Course Title)                                    | (New Course?)<br>Yes or No? | <b>6</b>            |
| PAF 545 or SOS 545  | Organizations, Sustainability & Public Policy*    | Y                           | 3                   |
| PAF 546   | Environmental Policy and Management               | N                           | 3                   |
| <b>Elective or Research Courses</b><br>(as deemed necessary by supervisory committee) |   |                             | <b>Credit Hours</b> |
| (Prefix & Number)   | (Course Title)                                    | (New Course?)<br>Yes or No? | <b>3</b>            |
| <b>(Students will choose one from the following list of elective classes)**:</b>      |   |                             |                     |

|   |   |   |                                   |
|---|---|---|-----------------------------------|
| CRD 572   | Community & Social Innovations                              | N | 3                                 |
| PAF 584   | Internship  | N | 3                                 |
| PUP 548   | Planning for Sustainable Communities                        | N | 3                                 |
| PUP 565   | Sustainable Urbanism  | N | 3                                 |
| SOS 512   | Sustainable Resource Allocation                             | N | 3                                 |
| SOS 513   | Science for Sustainability                                  | N | 3                                 |
| SOS 514   | Human Dimensions of Sustainability                          | N | 3                                 |
| SOS 517   | Sustainability and Enterprise                               | N | 3                                 |
| SOS 530   | International Development and Sustainability                | N | 3                                 |
| SOS 532   | Sustainable Urban Dynamics                                  | N | 3                                 |
| SOS 533   | Sustainable Water   | N | 3                                 |
| SOS 534   | Sustainable Energy and Material Use                         | N | 3                                 |
| SOS 536   | Food System Sustainability                                  | N | 3                                 |
| SOS 553   | Ecological Anthropology                                     | N | 3                                 |
| SOS 591   | Topic: Adaptation, Resilience and Transformation            | N | 3                                 |
| SOS 591   | Topic: Environmental Ethics and Policy Goals                | N | 3                                 |
| SOS 598   | Topic: Urban Ecological Systems                             | N | 3                                 |
| SOS 598   | Topic: Sustainable Futures Studio                           | N | 3                                 |
| SOS 598   | Topic: Human and Social Dimensions of Global Climate Change | N | 3                                 |
| SOS 598   | Topic: US Energy: Pathways to Sustainability                | N | 3                                 |
| TDM 570   | Sustainable Tourism   | N | 3                                 |
| <b><u>Culminating Experience</u></b>  |   |   | <b><u>Credit Hours</u></b>        |
| <i>E.g. - Capstone project, applied project, <b>thesis (masters only)</b> – 6 credit hours) or <b>dissertation (doctoral only)</b> – 12 credit hours) as applicable</i>   |   |   | <b>3</b>                          |
| <b>Students can choose from one of the following capstone courses:</b>  |   |   | <b>3</b>                          |
| PAF 509 Public Affairs Capstone   |   |   | 3                                 |
| PAF 579 Public Policy Capstone  |   |   | 3                                 |
| <b><u>Other Requirements</u></b>  |   |   | <b><u>Credit Hours</u></b>        |
| <i>E.g. - Internships, clinical requirements, field studies as applicable</i>   |   |   | <b>(Insert Section Sub-total)</b> |
|   |   |   |                                   |
|   |   |   |                                   |
| <i><b>For doctoral programs</b> – as approved by the student’s supervisory committee, the program can allow 30 credit hours from a previously awarded master’s degree to be used for this program. As applicable, please indicate the total credit hour allowance that will be used for this program.</i> |   |   |                                   |
| <b>Total required credit hours</b>  |   |   | <b>42</b>                         |

\* PAF 545 has been submitted through ASU Curriculum Changemaker including a memo of support from SOS.  
\*\* Other courses may also be allowed with approval from the graduate advisor.

- G. Please describe the primary course delivery mode, (e.g., online, face-to-face, off-site etc.). **Please note:** If this proposed initiative will be offered **completely** online, clearly state that in this section, and fill out the applicable section in the Operational Appendix.

The concentration will be delivered in person, although individual courses may be offered as iCourses.

- H. Please **describe** the culminating experience(s) required for completion of the existing degree and major, and the proposed concentration (e.g., thesis, dissertation, comprehensive exams, capstone course(s), practicum, applied projects, etc.).

The MPP degree requires students to demonstrate competency for public service by synthesizing and applying core knowledge, skills, and abilities to public service problems. Students demonstrate their public service competency by earning an **A** or a **B** in the required capstone course, **PAF 509 Public Affairs Capstone or PAF 579 Public Policy Capstone**. Either PAF 509 or PAF 579 is taken after completion of all required MPP coursework. The purpose of these courses is to serve as the culminating experience for students enrolled in the MPP in Public Policy program.

The Capstone course is a forum in which students have the opportunity to bring together the skills and knowledge acquired in the MPP program, polish their skills, and further develop their sense of professional personal identity. Capstone instructors use a combination of a wide variety of projects and tasks, aimed at practice in skills targeted in the objectives above. Instructors use speakers, research projects, role playing, oral presentations, case analyses, class participation, and team taskforce work to address these skills.

- I. Please **describe** any other requirements for completion of the existing degree and major, and the proposed concentration (e.g., internships, foreign language skills, etc.).

Many of our students are currently working, so an internship is not required for the concentration. However, an internship is an option for those students without previous experience. The purpose of the internship is to provide students with practical and professional experience in a specific career area. Students work in and for organizations applying the knowledge, skills, and abilities acquired in their plan of study. During the internship experience, students can develop a professional network that will aid them in their pursuit of a professional career. Students can apply three credit hours of internship credit (PAF 584) to the degree program as an elective.

The School of Public Affairs serves as a link between ASU and governmental agencies. The School is active in developing governmental internships and placing graduates, and already have an established internship program with many local governments, including City of Phoenix, Tempe, Avondale, Maricopa, and Scottsdale. The internship program operates on a year-round basis. This enables the School of Public Affairs to be responsive to the needs of various agencies whenever they experience heavy workload periods, demands for special projects, and needs for additional personnel. It also allows students to schedule an internship at a time most convenient to them during their academic program. The internship is coordinated by participating concentration faculty and professional staff within the department.

- J. **For interdisciplinary programs**, additional sample curricular structures must be included as appendix items to this proposal relating to students with various academic backgrounds who may pursue the proposed concentration, including expected mastery of core competencies (e.g., course work, skills, and/or knowledge).

Although the courses offered as part of the concentration are interdisciplinary in nature, only admitted MPP students will be allowed to pursue the concentration. Although students from other degree programs may elect to take PAF 545 as part of their curriculum and MPP students may take elective courses from other ASU departments, the impact on any other program is anticipated to be negligible.

#### 4. Administration and Resources

- A. How will the proposed concentration be administered (including recommendations for admissions, student advisement, retention etc.)? Describe the administering body in detail, especially if the proposed concentration is part of a larger interdisciplinary initiative. How will the graduate support staffing needs for this proposed concentration program be met?

The concentration will be administered by the School of Public Affairs' graduate director who, along with the Master's Committee, is responsible for the overseeing and implementing all masters-level programs in the department.

The graduate director is responsible for evaluating all admission applications and any issues relating to the curriculum. Any exceptions to program policy and curriculum are at the discretion of the director. Curriculum changes to core course requirements, as well as the culminating experience course must be submitted to and approved by Graduate Education. The program advisor is responsible for any initial advising on the program, electives, and career information.

In addition, the department's full-time administrative staff will be responsible for monitoring student progress, providing information regarding internship/job placement opportunities, processing petitions, plans of study, graduation applications, and other relevant graduate forms and procedures.

- B. How many students will be admitted immediately following final approval of the concentration? What are enrollment projections for the next three years?

Expected enrollment in the MPP concentration in Environmental Policy is 40 students by Year 5.

| 5-YEAR PROJECTED ANNUAL ENROLLMENT |                      |                       |                       |                       |                       |
|------------------------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                    | 1 <sup>st</sup> Year | 2 <sup>nd</sup> Year. | 3 <sup>rd</sup> Year. | 4 <sup>th</sup> Year. | 5 <sup>th</sup> Year. |
| # Students                         | 5                    | 10                    | 15                    | 25                    | 40                    |

- C. What are the resource implications for the proposed concentration, including any projected budget needs? Will new books, library holdings, equipment, laboratory space and/or personnel be required now or in the future? If multiple units/programs will collaborate in offering this concentration please discuss the resource contribution of each participating program. Letters of support must be included from all academic units that will commit resources to this concentration.

**Current Library Relevant Holdings:** Current library resources are sufficient to support this program.

**Additional Library Acquisitions Needed:** None. Current library resources are sufficient to support this program.

**Existing Physical Facilities:** Current classroom facilities on the Downtown Phoenix campus are adequate to support this program.

**Additional Facilities Required or Anticipated:** Current classroom facilities on the Downtown Phoenix campus are adequate to support this program for the first three years.

**Other Support Now Available:** The School's support staff includes an Executive Assistant, Administrative Assistant, two Academic Support Specialists, Program Manager, and Career Services Manager.

**Other Support Needed, Next Three Years:** Current department staff is sufficient to support the faculty and student service resources required for this program.

- D. Please list the primary faculty participants in this proposed concentration.

| Name             | Title                             | Area(s) of Specialization as they relate to proposed concentration |
|------------------|-----------------------------------|--|
| Elizabeth Corley | Associate Professor (SPA)         | Technology policy and environmental policy                         |
| Nicole Darnall   | Associate Professor (SPA and SOS) | Non-regulatory governance, public policy, sustainable enterprise   |



|                     |                          |  |
|---------------------|--------------------------|--|
| Candice Carr Kelman | Assistant Director (SOS) | environmental policy; conservation policy; governance; policy analysis; international development; poverty; social and environmental impacts; environmental philosophy; communities; |
|---------------------|--------------------------|--|

- E. Is there a graduate faculty structure for this concentration program that will differ from the original degree program graduate faculty structure (**for PhD programs only**)? If yes, please include the name of the graduate faculty group and whether they will participate in offering this concentration.

Not applicable.


**5. Additional Material** — Please attach any additional information that you feel relates to the proposed concentration. (Please label accordingly, i.e., Appendix or Attachment A, B, etc.)

See Appendix II for sample plan of study for students in MPP – Environmental Policy concentration.

**Approvals** (if the proposal submission involves multiple units, please include letters of support from those units)

|                                     |                |
|-------------------------------------|----------------|
| DEPARTMENT CHAIR or SCHOOL DIRECTOR | (see attached) |
| _____                               | _____          |
| SIGNATURE                           | DATE           |

DEAN (Please print or type) **Kathleen Andereck**



\_\_\_\_\_

SIGNATURE 1/24/14

DATE

**The following section will be completed by Graduate Education following the recommendations of faculty governance bodies.**

|   |
|---|
| VICE PROVOST FOR GRADUATE EDUCATION               |
| _____   |
| SIGNATURE <span style="float: right;">DATE</span> |

**Please note:** Proposals for new concentrations also require the review and recommendation of approval from the University Graduate Council, Curriculum and Academic Programs Committee (CAPC), the Academic Senate (Information item only), and the Office of the Provost before they can be put into operation.

**The final approval notification will come from the Office of the Provost.**

GF1112E-92

## APPENDIX I

### OPERATIONAL INFORMATION FOR GRADUATE PROGRAMS

(This information is used to populate the [Graduate Programs Search](#)/catalog website.)

1. **Provide a brief** (catalog type - no more than 150 words) **program description.**

Prepares master's-level students to apply sustainability principles and approaches to careers in a variety of fields that address environmental and, inevitably, human challenges. Students with a concentration in environmental policy will have the knowledge base and skills to bring sustainability solutions to corporate, government, and non-profit sectors. The concentration begins by building a foundation in environmental policy and theory through the core coursework, followed by one elective that develops and deepens student expertise in specific areas and issues. The concentration is uniquely positioned to allow students to build careers in public policy analysis and administration, international development, and non-profit settings.

2. **Campus(es) where program will be offered:**

\* **To select desired box**, place cursor on the left side of the box, right click mouse, select **Properties**, under **Default Value** select **Checked**, press **OK** and the desired box will be checked.

**ASU Online only (all courses online)** – (Office of the Provost and ASU Online approval is needed)

**All other campus options (please select all that apply):**

Downtown  Polytechnic

Tempe  West

**Both on-campus and ASU Online (\*)** – Office of the Provost and ASU Online approval is needed for this option. (Check applicable campus from options listed).

3. **Keywords:** (List all keywords that could be used to search for this program. Keywords should be specific to the proposed program.)

Public policy, policy analysis, environmental policy, sustainability

4. **Area(s) of Interest:**

\* **To select desired box**, place cursor on the left side of the box, right click mouse, select **Properties**, under **Default Value** select **Checked**, press **OK** and the desired box will be checked

A. Select **one (1)** primary area of interest from the list below that applies to this program.

- |  |  |
|--|--|
| <input type="checkbox"/> <a href="#">Architecture &amp; Construction</a> | <input type="checkbox"/> <a href="#">Interdisciplinary Studies</a>                 |
| <input type="checkbox"/> <a href="#">Arts</a>                            | <input type="checkbox"/> <a href="#">Law &amp; Justice</a>                         |
| <input type="checkbox"/> <a href="#">Business</a>                        | <input type="checkbox"/> <a href="#">Mathematics</a>                               |
| <input type="checkbox"/> <a href="#">Communication &amp; Media</a>       | <input type="checkbox"/> <a href="#">Psychology</a>                                |
| <input type="checkbox"/> <a href="#">Education &amp; Teaching</a>        | <input type="checkbox"/> <a href="#">STEM</a>                                      |
| <input type="checkbox"/> <a href="#">Engineering &amp; Technology</a>    | <input type="checkbox"/> <a href="#">Science</a>                                   |
| <input type="checkbox"/> <a href="#">Entrepreneurship</a>                | <input checked="" type="checkbox"/> <a href="#">Social and Behavioral Sciences</a> |
| <input type="checkbox"/> <a href="#">Health &amp; Wellness</a>           | <input type="checkbox"/> <a href="#">Sustainability</a>                            |
| <input type="checkbox"/> <a href="#">Humanities</a>                      |  |

B. Select **one (1)** secondary area of interest from the list below that applies to this program.

- |  |  |
|--|--|
| <input type="checkbox"/> <a href="#">Architecture &amp; Construction</a> | <input type="checkbox"/> <a href="#">Interdisciplinary Studies</a> |
| <input type="checkbox"/> <a href="#">Arts</a>                            | <input type="checkbox"/> <a href="#">Law &amp; Justice</a>         |
| <input type="checkbox"/> <a href="#">Business</a>                        | <input type="checkbox"/> <a href="#">Mathematics</a>               |

- [Communications & Media](#)
- [Education & Teaching](#)
- [Engineering & Technology](#)
- [Entrepreneurship](#)
- [Health & Wellness](#)
- [Humanities](#)

- [Psychology](#)
- [STEM](#)
- [Science](#)
- [Social and Behavioral Sciences](#)
- [Sustainability](#)

**APPENDIX II**

**Sample Plan of Study – MPP (Environmental Policy concentration)**

|  |  |
|--|--|
| <p><b>Term 1</b></p> <p>PAF 501 Public Service Research I<br/>                 PAF 503 Public Affairs<br/>                 PAF 505 Public Policy Analysis<br/>                 PAF 574 Diversity, Ethics &amp; Leading Public Change</p> | <p><b>Term 2</b></p> <p>PAF 502 Public Service Research II<br/>                 PAF 540 Advanced Policy Analysis<br/>                 PAF 541 Program Evaluation<br/>                 PAF 570 Urban Economics and Public Finance</p> |
| <p><b>Term 3</b></p> <p>PAF 545 or SOS 545 Organizations, Sustainability &amp; Public Policy<br/>                 PAF 571 Geographic Information Systems (GIS) &amp; Analysis<br/>                 PAF 573 Advanced Regression</p>       | <p><b>Term 4</b></p> <p>PAF 509 Public Affairs Capstone OR PAF 579 Public Policy Capstone<br/>                 PAF 546 Environmental Policy and Management<br/>                 Elective *</p>                                       |
| <p>*Choose from: CRD 572, PAF 584, PUP 548, PUP 565, SOS 512, SOS 513, SOS 514, SOS 517, SOS 530, SOS 532, SOS 533, SOS 534, SOS 536, SOS 553, SOS 591, SOS 598, TDM 570</p> <p>Highlighted courses – concentration courses</p>          |  |

## **(NEW GRADUATE INITIATIVES)**

### **PROPOSAL PROCEDURES CHECKLIST**

Academic units should adhere to the following procedures when requesting new curricular initiatives (degrees, concentrations or certificates).

**Obtain the required approval from the Office of the Provost to move the initiative forward for internal ASU governance reviews/approvals.**

- Establishment of new curricular initiative requests; degrees, concentrations, or certificates
- Rename requests; existing degrees, concentrations or certificates
- Disestablishment requests; existing degrees, concentrations or certificates

**Submit any new courses that will be required for the new curricular program to the Curriculum ChangeMaker online course approval system for review and approval.**

- Additional information can be found at the Provost's Office Curriculum Development website: [Courses link](#)
- For questions regarding proposing new courses, send an email to: [courses@asu.edu](mailto:courses@asu.edu)

**Prepare the applicable proposal template and operational appendix for the proposed initiative.**

- New degree, concentration and certificate templates (contain proposal template and operational appendix) can be found at the Provost's Office Curriculum Development website: [Academic Programs link](#)

**Obtain letters or memos of support or collaboration. (if applicable)**

- When resources (faculty or courses) from another academic unit will be utilized
- When other academic units may be impacted by the proposed program request

**Obtain the internal reviews/approvals of the academic unit.**

- Internal faculty governance review committee(s)
- Academic unit head (e.g. Department Chair or School Director)
- Academic unit Dean (will submit approved proposal to the [curriculumplanning@asu.edu](mailto:curriculumplanning@asu.edu) email account for further ASU internal governance reviews (as applicable, University Graduate Council, CAPC and Senate)

**Additional Recommendations** - All new graduate programs require specific processes and procedures to maintain a successful degree program. Below are items that Graduate Education strongly recommends that academic units establish after the program is approved for implementation.

**Set-up a Graduate Faculty Roster for new PhD Programs** – This roster will include the faculty eligible to mentor, co-chair or chair dissertations. For more information, please go to [http://graduate.asu.edu/graduate\\_faculty\\_initiative](http://graduate.asu.edu/graduate_faculty_initiative).

**Establish Satisfactory Academic Progress Policies, Processes and Guidelines** – Check within the proposing academic unit and/or college to see if there are existing academic progress policies and processes in place. If none have been established, please go to [http://graduate.asu.edu/faculty\\_staff/policies](http://graduate.asu.edu/faculty_staff/policies) and scroll down to the **academic progress review and remediation processes** (for faculty and staff) section to locate the reference tool and samples for establishing these procedures.

**Establish a Graduate Student Handbook for the New Degree Program** – Students need to know the specific requirements and milestones they must meet throughout their degree program. A Graduate Student Handbook provided to students when they are admitted to the degree program and published on the website for the new degree gives students this information. Include in the handbook the unit/college satisfactory academic progress policies, current degree program requirements (outlined in the approved proposal) and provide a link to the Graduate Policies and Procedures website. Please go to [http://graduate.asu.edu/faculty\\_staff/policies](http://graduate.asu.edu/faculty_staff/policies) to access Graduate Policies and Procedures.

## College of Public Programs

### Official Submission

**From:** Kathleen Andereck [<mailto:kandereck@asu.edu>]  
**Sent:** Friday, January 31, 2014 4:21 PM  
**To:** [curriculumplanning@asu.edu](mailto:curriculumplanning@asu.edu)  
**Subject:** MPP concentration in Environmental Policy

Julie,

Attached is a proposal from the School of Public Affairs for a concentration in Environmental Policy within the Master of Public Policy. Also included is a signature page and the appropriate support letters.

Kathy

\*\*\*\*\*

**Kathleen Andereck**

Associate Dean, [College of Public Programs](#)

Director and Professor, [School of Community Resources and Development](#)

**Arizona State University**

Mail Code 4020, 411 North Central Avenue, Suite 550 Phoenix, Arizona 85004-0690

Phone: (602) 496-1056 | Fax: (602) 496-0953 | E-mail: [kandereck@asu.edu](mailto:kandereck@asu.edu)

Date: January 24, 2014

To: University Curriculum Committee

From: Kathleen Andereck, Associate Dean



Re: Master of Public Policy (Environmental Policy)

This memo is to confirm support from the College of Public Programs for the concentration in Environmental Policy within the Master of Public Policy. Courses will be included from the School of Public Affairs, the School of Sustainability, the School of Community Resources & Development and the School of Geographical Sciences and Urban Planning. The College is pleased to be able to offer this concentration.

January 23, 2014

To: Jonathan Koppell, Dean  
Kathleen Andereck, Associate Dean  
College of Public Programs

From: Karen Mossberger, Director  
School of Public Affairs

Attached is the proposal to establish a graduate concentration in Environmental Policy for the Master of Public Policy (M.P.P.) degree. The M.P.P. concentration in Environmental Policy is designed to prepare master's-level students to apply sustainability principles and approaches to careers in a variety of fields that address environmental and, inevitably, human challenges. Students with a concentration in environmental policy will have the knowledge base and skills to bring sustainability solutions to corporate, government, and non-profit sectors.

The concentration has been reviewed and approved by the School of Public Affairs graduate committee and by the School's faculty as a whole.

The concentration relies on existing courses that are regularly offered as part of the graduate curriculum in the School of Public Affairs, School of Community Resources and Development, School of Sustainability, and School of Geographical Sciences and Urban Planning. No additional faculty or staff will be needed to implement this concentration.



## Jeniece Morales

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**To:** Kathleen Andereck  
**Subject:** RE: letter of support for CRD courses in Environmental Policy Concentration

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**From:** Kathleen Andereck  
**Sent:** Friday, January 17, 2014 10:46 AM  
**To:** Karen Mossberger  
**Subject:** RE: letter of support for CRD courses in Environmental Policy Concentration

Karen,  
This is to confirm our support for including CRD/NLM 572 Community and Social Innovations and TDM 570 Sustainable Tourism as electives within the Master of Public Policy (Environmental Policy). We are pleased to be able to support this new concentration and look forward to having your students in our classes.  
Kathy

\*\*\*\*\*

**Kathleen Andereck**  
Associate Dean, [College of Public Programs](#)  
Director and Professor, [School of Community Resources and Development](#)  
**Arizona State University**  
Mail Code 4020, 411 North Central Avenue, Suite 550 Phoenix, Arizona 85004-0690  
Phone: (602) 496-1056 | Fax: (602) 496-0953 | E-mail: [kandereck@asu.edu](mailto:kandereck@asu.edu)

## Christopher Hiryak

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**From:** Karen Mossberger  
**Sent:** Thursday, January 23, 2014 2:58 PM  
**To:** Christopher Hiryak  
**Subject:** Fwd: environmental planning courses

Sent from my iPhone

Begin forwarded message:

**From:** David Pijawka <[pijawka@asu.edu](mailto:pijawka@asu.edu)>  
**Date:** January 21, 2014, 5:24:25 PM MST  
**To:** Karen Mossberger <[Karen.Mossberger@asu.edu](mailto:Karen.Mossberger@asu.edu)>  
**Subject:** environmental planning courses

Karen,

Many of the courses you identified in our urban planning program that could be cross-listed with your environmental concentration are no longer offered .

I recommend the following courses for your concentration: PUP 548 – Planning for Sustainable Communities; PUP 565 Sustainable Urbanism (cross listed with Sustainability); and \$\$@/598 the graduate portion of the course Environmental Planning.

At some point we should chat about other courses we offer that may be very beneficial to public affairs, public policy and community resources.

Thank you

David

### **K. David Pijawka**

*Professor and Associate Director  
School of Geographical Sciences and Urban Planning,  
Senior Sustainability Scholar, GIOS  
Arizona State University*

### **Faculty Affiliations**

*Schools of Transborder Studies, Public Affairs, Environmental Social Sciences,  
Disciplinary Faculty Barrett Honors College,  
the American Indian Policy Institute*

[pijawka@asu.edu](mailto:pijawka@asu.edu)

(ASU Office) 480- 727-7319 (cell) 480 - 540- 5293

January 22, 2014

Karen Mossberger  
Professor and Director  
School of Public Affairs  
College of Public Programs  
Arizona State University  
karen.mossberger@asu.edu

Dear Professor Mossberger,

I am writing to support the proposal for a concentration in Environmental Policy for the Master of Public Policy degree in the School of Public Affairs. I am pleased to be able to offer access to our courses in the School of Sustainability towards this important and much needed concentration.

Sincerely,



Christopher Boone  
Professor and Dean

## Christopher Hiryak

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**From:** Kathleen Andereck  
**Sent:** Thursday, January 16, 2014 4:48 PM  
**To:** Karen Mossberger  
**Cc:** Christopher Hiryak; Nicole Darnall  
**Subject:** RE: letter of support for CRD courses in Environmental Policy Concentration

Karen,  
Students in CRD 572 would be fine and I can get you an email to that effect. We have not been teaching the Society and Natural Resources class though because we don't have enough students. How many students do you think you will have? If there are enough we could consider offering it, I know a couple of our faculty would love to teach it.  
Kathy

\*\*\*\*\*

**Kathleen Andereck**  
Associate Dean, [College of Public Programs](#)  
Director and Professor, [School of Community Resources and Development](#)  
**Arizona State University**  
Mail Code 4020, 411 North Central Avenue, Suite 550 Phoenix, Arizona 85004-0690  
Phone: (602) 496-1056 | Fax: (602) 496-0953 | E-mail: [kandereck@asu.edu](mailto:kandereck@asu.edu)

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**From:** Karen Mossberger  
**Sent:** Thursday, January 16, 2014 4:41 PM  
**To:** Kathleen Andereck  
**Cc:** Christopher Hiryak; Nicole Darnall  
**Subject:** letter of support for CRD courses in Environmental Policy Concentration

Dear Kathy -

For the new concentration in Environmental Policy that we are adding to the Master of Public Policy, we would like to list 2 CRD courses as electives that could be selected. These are CRD 570 on Society and Natural Resources and CRD 572 on Community and Social Innovations.

If you are in support of this, we will need a brief email expressing your support for their inclusion.

I am attaching the draft for the concentration.

Thanks,

Karen

Karen Mossberger, Ph.D.  
Professor and Director, School of Public Affairs  
Arizona State University  
411 North Central Ave., Suite 450  
Phoenix, AZ 85004  
602-496-1101  
[karen.mossberger@asu.edu](mailto:karen.mossberger@asu.edu)