# SPEA Undergraduate

### Welcome to the School of Public and Environmental Affairs (SPEA)

So, what is the School of Public and Environmental Affairs?

Good question! Our name says a lot about who we are, what we do, and what you can study here.

SPEA was founded as a response to the needs and problems of modern society—needs that were not being addressed by other more traditional schools such as business, arts and sciences, or political science. Our scope is wide, and we address such issues as public finance, nonprofit management, public management, environmental management, policy analysis, health administration, criminal justice and arts administration.

Even better, this year we have welcomed several new faculty members who are already making a difference and leading our school into the future. You can see who they are by going here.

The school's broadening globalization is already being realized in the expanded programs of studies in several countries around the world through SPEA Overseas Education. Additionally, we are strengthening our research in energy policy, sustainable development, and the prevention of poverty, and building on traditional strengths in public finance, management of nonprofit and public sectors, and arts administration.

Beyond your degree program, SPEA offers many opportunities to enrich your academic career, such as the Honors Program, IU in DC program, the Accelerated Master's program, and many more. Seek out what speaks to you to expand your experience here at SPEA!

To us, a public or environmental affair is an issue or problem that affects the quality of life on this planet for its citizens. That's a big list, obviously, and our graduates go on to jobs in many fields—public, private, and nonprofit.

# Overview

The School of Public and Environmental Affairs (SPEA) is a multidisciplinary division of Indiana University. The school is organized as a Bloomington-Indianapolis core campus professional school, committed to teaching, research, and service. The interests of the faculty and professional staff typically fall into one or more of the following areas: policy and administration; sustainable management and policy; international affairs; finance and economics; public and nonprofit management; arts management; urban affairs; environmental science and policy; criminal justice, law, and public safety; health science, media and public affairs, administration, and policy. The school's faculty, staff, and students work individually and jointly to solve problems that require SPEA's unique combination of in-depth knowledge in the natural, behavioral, social, and administrative sciences.

SPEA, because of its broad program base, can offer scientific and technical assistance to Indiana communities. Public and private organizations, as well as all levels of government, benefit from the knowledge and expertise of SPEA faculty, staff, and students.

The School of Public and Environmental Affairs offers bachelor of science degrees. These programs provide a sound general education with specialized study of public safety, criminal justice, public affairs, arts management, public health, media and public affairs, or environmental systems. The school also offers minors and certificate programs.

### Accreditation

Indiana University, a member of the North Central Association (NCA), is accredited by the Higher Learning Commission: www.ncahigherlearningcommission.org; (312) 263-0456.

*While every effort is made to provide accurate and current information, Indiana University reserves the right to change without notice statements in the bulletin series concerning rules, policies, fees, curricula, or other matters.*

# Contact Information

### Bloomington Campus

The School of Public and Environmental Affairs (Bloomington)
Undergraduate Program Office
Indiana University
1315 East Tenth Street
Bloomington, IN 47405-1701

(812) 855-0635
speaugrd@indiana.edu

### Indianapolis Campus

School of Public and Environmental Affairs (Indianapolis)
SPEA Student Services and Administrative Offices
Indiana University-Purdue University Indianapolis
801 West Michigan Street, BS 3025
Indianapolis, IN 46202
(317) 274-4656 or Toll free: (877) 292-9321

infospea@iupui.edu

# Administration

### School of Public and Environmental Affairs

- JOHN D. GRAHAM, Ph.D., Dean
- DAVID REINGOLD, Ph.D., Executive Associate Dean, Bloomington
- TERRY L. BAUMER, Ph.D.,Executive Associate Dean, Indianapolis
- DOUG GOLDSTEIN, Ph.D., Assistant Dean, Bloomington
- DAVID AUDRETSCH, Ph.D., Director, Institute for Development Strategies and Director of Overseas Study Program, Bloomington
- MARK A. CASE, M.S., Office of Career Services, Bloomington
- DAVID GOOD, Ph.D., Director, Transportation Research Center, Bloomington
- MARC LAME, D.P.A., Director, Ph.D. Program in Environmental Science; Director, Master of Science in Environmental Science Program, Bloomington
- CRAIG E. HARTZER, Ph.D., Director, Executive Education, Indianapolis
- SHEILA SUESS KENNEDY, Ph.D., Director, Programs in Public Affairs, Indianapolis

- JOHN KRAUSS, J.D., Director, IU Public Policy Institute; Director, Center for Urban Policy and the Environment, Indianapolis
- SAMUEL NUNN, Ph.D., Director, Center for Criminal Justice Research, Indianapolis
- SERGIO FERNANDEZ, Ph.D., Programs in Public Policy and Public Affairs, Bloomington
- MICHAEL RUSHTON, Ph.D., Director, Arts Administration, Bloomington
- NAN H. STAGER, M.S., Director, Undergraduate Programs, Bloomington
- THOMAS D. STUCKY, Ph.D., Director, Programs in Criminal Justice, Law, and Public Safety, Indianapolis

### School of Public and Environmental Affairs Dean's Council

- GURMINDER BEDI, Chicago, IL
- KATHY DAVIS, Indianapolis, IN
- JOHN D. GRAHAM, Bloomington, IN
- BOYDEN GRAY, Washington, DC
- MELANIE HART, Bloomington, IN
- MARIANNE HORINKO, Washington, DC
- ALLAN HUBBARD, Indianapolis, IN
- MARIE JOHNS, Washington, DC
- SANDRA LANEY, Cincinnati, OH
- PHILLIPA MALMGREN, London, UK
- ROBERT MCKINNEY, Indianapolis, IN
- DANA MEAD, Boston, MA
- WILL MILLER, New York, NY
- KATHIE OLSEN, Washington, DC
- JEFF PERKINS, Washington, DC
- KATHERINE L. RHYNE, Washington, DC
- JOHN W. RYAN, Bloomington, IN
- CHUCK SCHALLIOL, Indianapolis, IN
- JIM SCHELLINGER, Indianapolis, IN
- SCOTT H. SEGAL, Washington, DC
- STUART H. SINGER, Fort Lauderdale, FL
- RONNYE STIDVENT, Austin, TX
- TERRY STRAUB, Wahington, DC
- DAVID WANG, Naples, FL
- FRED WEBBER, Washington, DC

# Organizations & Services

Office of Career Services

SPEA Alumni Association

Business/SPEA Information Commons-Library

Honor Societies

## Office of Career Services

SPEA's Office of Career Services (OCS) on the **Bloomington** campus provides students with a wide range of career development services and professional development programming. A partial list of services available to students includes (1) a Web-based internship/job listing service, SPEACareers.com; (2) a full calendar of companies/organizations recruiting SPEA students for internships and professional positions;

(3) individual career counseling; (4) information sessions/networking events connecting SPEA alumni with currently enrolled students; (5) topical career workshops and campus career fairs; (6) user-friendly Web-based career resources and an extensive career resource library. The OCS also assists students' access to potential employers by coordinating regional and national career exploration trips. Trips to Indianapolis, Chicago, and Washington, D.C., help position students for pursuit of employment opportunities with governmental, nonprofit, consulting, and environmental organizations.

Further assistance is offered through a two-credit course, SPEA-V 252 Career Development and Planning. (SPEA-H 267 for Health Administration majors), a required course for most SPEA majors. SPEA-V 252/SPEA-H 267 introduces students to the process of career development and planning through self-assessment and individualized tutorials in key subject areas including interviewing techniques, writing cover letters and résumés, job search strategies, and development of an overall career development plan.

SPEA places a premium on experiential education and applied learning. Many SPEA undergraduate programs on the **Bloomington** campus require students to complete an internship. Internships provide students an excellent opportunity to apply classroom theory and their academic knowledge base to real-life experiences. Students must be in good academic standing, receive internship authorization from the OCS, and complete all required internship paperwork before beginning the internship experience. The OCS is responsible for authorizing, monitoring, and assessing student internships. Internships may be full or part time, paid or unpaid; however, prior approval from OCS is always required.

The internship program is designed for maximum flexibility so that many valuable learning experiences can qualify as internships. The purpose of the internship is to develop professional-level skills. All credit for an internship is awarded on an S/F (Satisfactory/ Fail) basis. Credit is not granted for work experience obtained prior to approval of an internship and enrollment in the appropriate internship class. Please visit the OCS Web site (www.indiana.edu/~spea/career_services/register_internship/undergraduate_internships/index.shtml) for further information on required paperwork.

Students seeking career-planning assistance should check with the Office of Career Services, located on the **Bloomington** campus in SPEA 200,(812) 855-9639, for answers to specific questions.

Career planning assistance is also available on the **Indianapolis** campus with a wide range of career development services and professional development programming. A partial list of services available to students includes: (1) a Web-based internship/job listing service, www.iupuispeacareers.com; (2) access to companies/organizations recruiting SPEA students for internships and professional positions; (3) individual career counseling; (4) information sessions/networking events connecting SPEA alumni with currently enrolled students; (5) topical career workshops and campus career fairs; (6) Optimal Resume at https://spea-iupui.optimalresume.com, a resume builder with nearly unlimited content and styling flexibility as well as modules that include interview skills, portfolios, letters, and assessments. Assistance is provided for students' access

to potential employers by coordinating student interest with faculty, staff, and alumni support. The internship program is designed for maximum flexibility so that many valuable learning experiences can qualify as internships. The purpose of the internship is to develop professional-level skills. All credit for an internship is awarded on an S/F (Satisfactory/Fail) basis. Credit is not granted for work experience obtained prior to approval of an internship.

Further assistance is offered through a two-credit course, SPEA-V 252 Career Development and Planning. SPEA-V252 introduces students to the process of career development and planning through self-assessment and individualized tutorials in key subject areas including interviewing techniques, writing cover letters, personal statements, thank you notes and résumés, job search strategies, and development of an overall career development plan. This course is also offered online in the spring semester.

Students seeking career-planning or professional development assistance on the Indianapolis campus should contact Kathleen Hursh, (317) 278-3651, hurshk@iupui.edu.

## SPEA Alumni Association

SPEA has a strong committment to its alumni and considers them among our most valued resources. The SPEA Office of Alumni Relations strives to maintain lifelong connections with our network of over 28,000 alumni. When SPEA graduates join the Indiana University Alumni Association, they automatically become members of the SPEA Alumni Association. The mission of the SPEA Alumni Association is to inspire and cultivate dynamic interactions among alumni, the school, and current students for the betterment of SPEA and the professions it serves. Some activities of the Association include the Capitol Hill Colloquium, annual social gatherings in Indianapolis, Chicago and Washington D.C., and networking and educational opportunities for SPEA alumni- nationally and globally. The association is also a sponsor of the SPEA Magazine and the e-newletter, connect @SPEA, and manages an endowed scholarship that is awarded annually to SPEA undergraduate and graduate students. The SPEA Alumni Association is governed by an elected board of directors comprised of SPEA Alumni who represent diverse academic and geographic backgrounds. For more information, please visit www.indiana.edu/~speaalum.

## Business/SPEA Information Commons Library

**The Bloomington Business/SPEA Information Commons-Library** provides the space, research tools, and services that help foster graduate student success.

Available in SPEA 150 are 16 group study rooms, 40 individual workstations, spaces for collaborative and quiet study, a core collection of print materials, and a cafe. In addition, library subscriptions provide access to hundreds of subject-specific digital resources, and in-person or virtual consultations ("Ask a Librarian") connect students to research help and resource assistance. See the Business/SPEA Information Commons website www.libraries.iub.edu/index.php?pageId=77 for more information.

## Honor Societies

### Alpha Phi Sigma

Alpha Phi Sigma is the national criminal justice honor society at SPEA Indianapolis. The society recognizes scholastic excellence of students in the field of criminal justice. It was founded in 1942 and was admitted to the Association of College Honor Societies in 1980. To be eligible, undergraduate students must have earned an overall grade point average of at least 3.20 for at least 40 credit hours of course work, and must include at least four criminal justice courses with a minimum 3.20 grade point average. For additional information, students should contact their criminal justice faculty advisor.

### Pi Alpha Alpha at SPEA Bloomington

Pi Alpha Alpha is the national honorary society for schools of public affairs and administration. The society acknowledges outstanding scholarship and contributions to these fields. It was founded in 1972 by the National Association of Schools of Public Affairs and Administration (NASPAA) to honor those whose performance in public affairs has been distinguished. The Indiana chapter of Pi Alpha Alpha is a charter chapter. Membership in Pi Alpha Alpha may be compared to membership in Phi Beta Kappa for liberal arts graduates. A person evaluating credentials in the various fields of public service should recognize the professional quality such a membership represents.

Undergraduate students are eligible for Pi Alpha Alpha membership when they are in the top 10 percent of their graduating class with a minimum grade point average of 3.50 in at least 15 credit hours of SPEA courses, when they are in the last semester of the junior year or in the senior year, and when they have earned a grade point average of at least 3.00 in all course work.

Alumni are eligible for membership if they meet all the requirements of student membership, even if they graduated before induction by the Indiana chapter.

Honorary membership is available to any person who has achieved distinction in public administration and who has the distinguished qualities that Pi Alpha Alpha fosters.

### Pi Alpha Alpha at SPEA Indianapolis

Pi Alpha Alpha is the national honorary society for schools of public affairs and administration. The society acknowledges outstanding scholarship and contributions to these fields. It was founded in 1972 by the National Association of Schools of Public Affairs and Administration (NASPAA) to honor those whose performance in public affairs has been distinguished. The IUPUI chapter of Pi Alpha Alpha is a newly formed chapter. Membership in Pi Alpha Alpha may be compared to membership in Phi Beta Kappa for liberal arts graduates. A person evaluating credentials in the various fields of public service should recognize the professional quality such a membership represents.

Undergraduate students are eligible for Pi Alpha Alpha membership when they are in the top 10 percent of their graduating class with a minimum grade point average of 3.50 in at least 15 credit hours of SPEA courses, when they are in the last semester of the junior year or in the senior year, and when they have earned a grade point average of at least 3.00 in all course work.

Graduate Students may be inducted from among the master's degree students provided they have maintained a GPA of at least 3.7 and have completed at least fifty percent (50%) of the required course work (a minimum of 18 semester hours or 27 quarter hours).

Alumni are eligible for membership if they meet all the requirements of student membership, even if they graduated before induction by the Indiana chapter.

Honorary membership is available to any person who has achieved distinction in public administration and who has the distinguished qualities that Pi Alpha Alpha fosters.

**SPEA Indianapolis Honors Program**

The SPEA Honors Program offers select students across all SPEA majors an opportunity to enrool in a challenging academic program that will enhance learning opportunities. Benefits include:

- Increased opportunities to interact with faculty members.
- Greater depth of learning in your major through additional challenges.
- Enhanced relationships with other motivated, high-achieving students.
- Enriched classroom discussions.
- Access to the IUPUI Honors College facility such as dedicated study space, computer lab, group-work rooms, interaction with other honors students, and access to the honors college advisors.
- Opportunity to pursue the Honors Minor in Leadership .

### Admission Requirements

1. Be admitted to SPEA.
2. Have 12 IUPUI GPA hours completed with at least a 3.5 cumulative GPA.
3. Complete SPEA Honors Program application.

### Program Requirements

To successfully complete the SPEA Honors Program, a student must:

- Maintain a cumulative and term GPA or 3.3 or above.
- Maintain a 3.3 or above in honors courses.
- Complete 24 total honors credit hours (15 hours of required SPEA honors courses plus 9 hours of honors electives).

### Probation

Any student who fails to maintain the GPA requirements will be put on probation status for one semester, will be required to meet with the SPEA Honors Advisor to discuss his or her standing in the program and must complete an Honors Probation Contract. If the student is unable to meet the GPA requirements in subsequent terms, he or she may be dismissed from the SPEA Honors program

### Honors Courses

1. Complete 15 hours of SPEA Major courses for Honors credit.
2. We recommend working with the SPEA Honors Advisor to plan these courses. Taking courses from full-time SPEA faculty will be preferred for Honors credit SPEA courses.
3. SPEA classes being taken for Honors credit will include additional requirements beyond those in the regular course offering. Examples of additional requirements include (applicable paperwork must be submitted and approved prior to the experience in order to receive Honors credit):

- A major paper not required in the regular course
- Additional readings not required in the regular course
- Additional or different questions on exams; these questions may cover additional material or require mastery of material beyond the level required in the regular course
- Other additional assignments not required in the regular course
- Adding an Honors component to study abroad, service learning, senior capstone, or internship experiences
- Students in the SPEA Honors Program will be required to meet with faculty outside of regular class meetings. Such interaction could take different forms and can be arranged for individual students or groups of students. Options include in-person meetings, online interaction, telephone conference calls, etc. We would recommend at least six hours of interaction per semester (that would be half an hour per week or one hour every other week for 12 of the 15 weeks of a semester).
- To complete the program, we recommend completing 1 Honors course per semester.
- Complete 9 hours of Honors elective courses.
- A student must meet with the SPEA Honors Advisor each term to complete the contract required to enroll in an honors course. Students then will submit the contract to the Honors College no later than the third week of classes, though we recommend submitting paperwork prior to the start of the semester.

# Centers & Institutes

The School of Public and Environmental Affairs encompasses public service activities that complement innovative academic programs. The school provides a wide variety of services to a number of federal, state, and local agencies.

## Center for Criminal Justice Research

The Center for Criminal Justice Research works with public safety agencies and social services organizations to provide impartial applied research on criminal justice and public safety issues. CCJR provides analysis, evaluation, and assistance to criminal justice agencies; and community information and education on public safety questions. Created in 2008 by the Indiana University School of Public and Environmental Affairs, some of the issues CCJR addresses include crime crime and justice trends, crime prevention, criminal justice systems, policing, traffic safety, and youth.

Center for Criminal Justice Research
School of Public and Environmental Affairs
334 North Senate Avenue, Suite 300
Indianapolis, IN 46204-1708

Contact: Samuel Nunn, Director
(317) 261-3000; fax (317) 261-3050;

snunn@iupui.edu
www.policyinstitute.iu.edu/criminal/

## Geographic Information Systems Laboratory

The Geographic Information Systems Laboratory (GIS) is a state-of-the-art computing facility. The lab has information processing technology that manages, analyzes, and displays spatial data for scientific and policy research. Information about the GIS Lab can be found at www.indiana.edu/~spea.

## Institute for Development Strategies

The Institute for Development Strategies, co-sponsored by the Office of Research, the University Graduate School and the School of Public and Environmental Affairs, is a university-wide research program linking faculty resources from various departments and campuses. The institute examines research-related problems in the field of regional entrepreneurship and economic development at local, national, and international levels. It focuses on strategies for entrepreneurship and economic development and conducts research on the causes and consequences of globalization. Additional information can be found at www.indiana.edu/~idsspea/.

## Institute for Family and Social Responsibility

**The Institute for Family and Social Responsibility (FASR)** is a joint effort of the School of Public and Environmental Affairs (SPEA) and the School of Social Work, with its focus on social policy research and outreach activities. The institute's mission is to bring together the resources of citizens, governments, communities, and Indiana University to better the lives of children and families. Ongoing and completed research projects examine the impact of welfare reforms; the adequacy of child support guidelines; programmatic improvements from two new E-government child support innovations; the efficacy of community-based child abuse prevention interventions; community responses to the Temporary Assistance to Needy Families legislation; the scope and level of involvement of faith-based organizations in delivering social services to current and former welfare recipients; and AIDS education for incarcerated youth, battered women, and the homeless. Two projects funded by the U.S. State Department were completed with the Stolypin Regional Academy of Civil Service and the Northwest Academy of Public Administration in Russia. Both projects had significant components focused on the effectiveness, financing, and management of social welfare programs. A third policy analysis capacity building project was recently completed with the Higher School of Economics in Moscow. The FASR institute also serves as the editorial home of the Journal of Policy Analysis and Management as well as the National Child Support Enforcement Research Clearinghouse. Annually, the institute co-sponsors a Family Impact Seminar for state legislators. Further information concerning FASR can be found at www.spea.indiana.edu/fasr/.

## IU Public Policy Institute

The IU Public Policy Institute is a collaborative, multidisciplinary research institute within the Indiana University School of Public and Environmental Affairs. The Institute serves as an umbrella organization for research centers affiliated with SPEA, including the Center for Urban Policy and the Environment, and the Center for Criminal Justice Research. The Institute also supports the Indiana Advisory Commission on Intergovernmental Relations (IACIR).

IU Public Policy Institute
School of Public and Environmental Affairs
334 North Senate Avenue, Suite 300
Indianapolis, IN 46204-1708

Contact: John L. Krauss, Director
(317) 261-3000; fax: (317) 261-305

jkrauss.iupui.edu

www.policyinstitute.iu.edu/

## Transportation Research Center

The Transportation Research Center was established to coordinate and facilitate the transportation research activities of the university. The center's expertise lies in the areas of transportation safety, urban public transit, transport management, and transport regulatory policy. The center uses a staff of professional researchers, faculty, and graduate students in performing research projects for federal, state, and local government agencies, and for the private sector.

## Center for Urban Policy and the Environment

The IU Center for Urban Policy and the Environment is devoted to supporting economic success for Indiana and a high quality of life for all Hoosiers. An applied research organization, CUPE was created by the Indiana University School of Public and Environmental Affairs in 1992. The Center works in partnership with community leaders, business and civic organizations, nonprofits, and government. CUPE's work is focused on urban policy, intergovernmental cooperation, community and economic development, housing, environmental issues, and fiscal affairs research essential to developing strategies to strengthen Indiana's economy and quality of life.

Center for Urban Policy and the Environment
School of Public and Environmental Affairs
334 N. Senate Avenue, Suite 300
Indianapolis, IN 46204-1708

Contact: John L. Krauss, Director
(317) 261-3000; (317) 261-3050 (fax)

jkrauss@iupui.edu
www.policyinstitute.iu.edu/urban/

## Center for Research in Energy and the Environment

The Center for Research in Energy and the Environment assembles top scholars from multiple disciplines to conduct innovative, timely and relevant research and policy analysis in the broad area of energy to help decision makers in all sectors make sound energy choices.

# Admission

SPEA Bloomington

SPEA Indianapolis

Intercampus Transfer

Returning Education—Indianapolis

# SPEA Bloomington

SPEA Bloomington requires application to its undergraduate programs before a student reaches 75 credit hours. It is a competitive admission process. Students are required to have a minimum cumulative GPA of 2.3 and to complete at least one of the courses listed below with a minimum grade of C.

- SPEA-E 162 Environment and People (3 cr.)
- SPEA-E 272 Introduction to Environmental Sciences (3 cr.)
- SPEA-V 160 National and International Policy (3 cr.)
- SPEA-V 161 Urban Problems and Solutions (3 cr.)

The minimum cumulative GPA requirement for admission may be subject to change. Students should apply for admission when they are enrolled in the preadmission course. Admission decisions are based on the grade in the above required course, the SPEA GPA, the cumulative GPA, and grade trends. A minimum cumulative GPA requirement for admission is established each semester.

Applications for the Bloomington programs are available on the Web at www.indiana.edu/~spea/prospective_students/undergrad/advising/graduation.shtml/
Application deadlines are May 1 for fall admission and December 1 for spring admission.

**Arts Management Admission Requirements**
SPEA requires students applying to its undergraduate programs to have completed 26 credit hours and a maximum of 75 credit hours. Students are required to complete the introductory course SPEA-A 163 and have a cumulative GPA of 2.7. Students should apply for admission when they are enrolled in the preadmissions course SPEA-A 163.

It is a competitive admission process. Admission decisions are based on the cumulative GPA, grade trends, and application statement. Application deadlines are May 1 for fall admission and December 1 for spring admission. Applications for this program are available on the Web at www.indiana.edu/~spea/prospective_students/undergrad/admissions/index.shtml/

**Direct Admission to SPEA Bloomington**
Students directly admitted into SPEA out of high school have the advantages of not having to apply for admission to SPEA in their sophomore year (a competitive process); they work directly with SPEA advisors, faculty, and upperclassmen during their freshman year; and they get a jumpstart on planning their academic and post-baccalaureate careers. Directly admitted students may also receive priority attention if they apply for SPEA's prestigious Washington Leadership Program. To be eligible for direct admission to SPEA, a student must indicate on their IU admission application that they are interested in being admitted directly to SPEA. They must also be accepted to Indiana University. Direct admit students must rank within the top 15% of their high school class and score a minimum of 1250 on the SAT or score a minimum of 28 on the ACT.

# SPEA Indianapolis

## Undergraduate Admissions

The School of Public and Environmental Affairs (SPEA) considers dual admission of beginning students with University College (UCOL) and direct admission of transfer students. Students can be considered for any term.

**Beginners** (Direct Admission to SPEA)

Beginner students will receive Direct (Dual) Admission to SPEA and University College (UCOL), if they meet the following criteria:

1. Have completed Core 40 or Academic Honors diploma.
2. Have 1000+ SAT combined total of critical reasoning and math score or ACT composite of 21.
3. Have 3.00 GPA.

**Transfer Admission**

Students transferring from other institutions will receive Direct Admission to SPEA, if they meet the following criteria:

1. Cumulative GPA of 2.0 and above.
2. Last completed semester with a GPA of 2.0 and above.
3. Completed 12 or more transferable credit hours.

- SPEA reserves the right to review and withhold admission in those cases where students have been granted forgiveness, exclusion, or similar exemptions that remove from the cumulative GPA calculation grades that would typically be included in the GPA. SPEA does recognize grade replacements for courses that have been retaken at an institution where the higher of the course grades has been used to compute the cumulative GPA.
- SPEA reserves the right to review and withhold admission in those cases where students are seeking to transfer to SPEA from another institution, but they also have a previous record at IUPUI which does not meet good standing requirements.

**Intercampus Transfer, Temporary or Permanent**

SPEA students at any campus of Indiana University may transfer permanently to SPEA on another campus, provided they meet the requirements for admission, good academic standing, and plurality of courses on that campus. SPEA students seeking a temporary transfer to SPEA Indianapolis must meet the good academic standing requirement.

Good academic standing requires the following:

1. Cumulative GPA – 2.0 and above.
2. Semester GPA – 2.0 and above.
3. SPEA major GPA – 2.3 minimum, providing the student has completed 12 transferable credit hours or more in the major.

Intercampus transfer students must meet the plurality requirement. The campus at which a student completes the plurality (more than half) of course work will award the

degree, provided that campus is authorized to grant the degree.

Permanent intercampus transfer students, who do not meet the regular admission requirements, may be considered for admission to University College.

**Transfering to SPEA from University College or another IUPUI academic unit**

Students who start out in University College or another academic school at IUPUI are eligible to certify or transfer into SPEA after they have declared a major in SPEA and completed a 2.0 cumulative and prior term GPA. In addition, if the student has completed 12 or more hours in the SPEA major, he or she also needs a 2.3 SPEA GPA.

**Returning Students**

Students who were previously in SPEA or another academic unit and were in good academic standing (semester and cumulative GPA's above 2.0, and SPEA major GPA above 2.3) when they stopped out and currently do not have a service indicator (probation with impact or academic dismissal) will be regularly admitted.

Students who were previously in SPEA and were not in good academic standing when they stopped out may be considered for admission on probation.

Students dismissed from SPEA or another IU school will need to submit a readmission petition to be considered for admission on probation.

**Second Undergraduate Degree Applicants**

Students who are seeking a second undergraduate degree are encouraged to explore SPEA graduate programs or graduate certificate programs.

Students must petition to SPEA for approval to pursue a second bachelor's degree.

**SPEA Credit Posted for Police and Firefighting Training**

SPEA grants credit for graduates of the Indianapolis Fire Department Training academies and graduates of five certified Indiana police training academy. Qualified firefighters receive 9 hours for designated SPEA courses and qualified law enforcement academy graduates receive 12 hours for designated courses. This credit is awarded by written notification from SPEA to Admissions. The individual must either (1) be currently enrolled or (2) applied and accepted for admission. The credit is treated as transfer credit and becomes "official" once the student completes one additional IUPUI course. Individuals who believe they qualify should be directed to the Student Services office in SPEA. Recipients of this firefighter and law enforcement credit should be directly admitted to SPEA when they apply for the credit.

**Sex Offenders Screening Policy for Students/ Applicants**

Indianapolis applicants should be aware that criminal convictions may result in ineligibility for participation in certain courses/activities within the School of Public and Environmental Affairs. Questions regarding school policy on such matters should be addressed to the appropriate program director or the Director of Student Services.

# Intercampus Transfer

**Intercampus Transfer to Bloomington**

Students admitted to the School of Public and Environmental Affairs at any campus of Indiana University may transfer permanently to SPEA on another campus, provided they meet the requirements for admission and good academic standing at the desired campus. Students wanting a temporary intercampus transfer need only meet the good academic standing requirements.

**Intercampus Transfer to Indianapolis**

SPEA students at any campus of Indiana University may transfer permanently to SPEA on another campus, provided they meet the requirements for admission, good academic standing, and plurality of courses on that campus. SPEA students seeking a temporary transfer to SPEA Indianapolis must meet the good academic standing requirement.

The following requirements must be met by permanent intercampus transfer students to SPEA Indianapolis:

1. Must be in good academic standing, which requires the following:
   - Cumulative GPA – 2.0 and above
   - Semester GPA – 2.0 and above
   - SPEA major GPA – 2.3 minimum, providing the student has completed 12 transferable credit hours or more in the major.
2. Must meet the plurality requirement. The campus at which a student completes the plurality (more than half) of course work will award the degree, provided that campus is authorized to grant the degree.

Permanent intercampus transfer students, who do not meet the SPEA-Indianapolis admission requirements, may be considered for admission to University College.

# Returning Education—Indianapolis

**Returning Students**

Students, who used to be in SPEA, or another IUPUI academic unit, will be admitted into SPEA unless they were previously dismissed, currently have a dismissal or academic with impact service indicator on their record, and/or stopped out while on critical probation. Some students may be admitted to University College.

- Students who were previously in SPEA and were in good academic standing (semester and cumulative GPA's above 2.0, and SPEA major GPA above 2.3) when they stopped out and currently do not have a service indicator (probation with impact or academic dismissal) will be regularly admitted.
- Students, who were previously in SPEA and currently have a service indicator of academic dismissal or academic probation with impact, should be routed to SPEA Office of Student Services for approval before continuing with the readmission process.
- Students who were previously in SPEA and were dismissed or were not in good academic standing when they stopped out may be considered for readmission on probation.
- Students who were previously in another IUPUI academic unit and currently have a service indicator

of academic dismissal or academic probation with impact should be routed to SPEA Office of Student Services for approval before continuing with the admission process.
- Students who were previously in another IUPUI academic unit and were dismissed or were not in good academic standing when they stopped out may be considered for readmission on probation.

The **Indianapolis Forgiveness Policy** applies to former IU students pursuing a first undergraduate degree who have been away from the IU system and have not attended any other college or university, including any campus of IU, for the last five years. Students may apply for forgiveness upon application for admission to a degree-granting unit. If the student has not yet been admitted to a degree-granting unit, the student should submit a notification of intent to petition for academic forgiveness as part of the academic advising process. If the petition is approved, the student starts with a fresh cumulative grade point index, after which all the rules of academic probation and dismissal (for SPEA) will apply. The school will evaluate the student's transcript, and all courses taken previously will remain on the permanent record. Only credit hours for courses with grades C or above, P, or S may be counted toward degree completion. After approval, the student must complete a minimum of 32 credit hours on the IUPUI campus in order to meet the graduation residency requirement.

**Requirements for a Second Bachelor's Degree**
Students must petition for approval to work toward a second bachelor's degree. If permission is granted, students are required to take 30 credit hours beyond the credits used for the first bachelor's degree and satisfy all the requirements for the second degree. Generally, SPEA encourages students to work toward a graduate degree rather than a second bachelor's degree.

# Policies & Procedures

The academic policies of the School of Public and Environmental Affairs are applicable to all SPEA undergraduate programs regardless of the campus where they are offered. Additional policies at individual campuses may also apply to SPEA students.

# Grading System

SPEA follows the official grading system of Indiana University, which is as follows:

| | | | | | |
|---|---|---|---|---|---|
| A+, A | = | 4.00 | C | = | 2.00 |
| A– | = | 3.70 | C- | = | 1.70 |
| B+ | = | 3.30 | D+ | = | 1.30 |
| B | = | 3.00 | D | = | 1.00 |
| B- | = | 2.70 | D- | = | 0.70 |
| C+ | = | 2.30 | F | = | 0.00 |

The following grades carry no points: I (Incomplete—an Incomplete will change to an F if the work is not completed within the time period specified by the instructor [an instructor can specify any period of time up to one year]), NR (No Grade Reported), P (Pass), R (Deferred), S (Satisfactory), W (Withdrawal —check the current Enrollment and Student Academic Information Handbook for deadlines).

On the Bloomington campus, any SPEA undergraduate student may retake a course for which he/she received a grade below an A. Students may exercise this option for no more than three courses, totaling no more than 10 credits and may use this option only once for a given course. Additional information can be found at: http://registrar.indiana.edu/extendedx.shtml.

The Indianapolis campus has an expanded policy for grade replacement. A student seeking their first degree may replace up to 15 credits. Additional information about the IUPUI Grade Replacement Policy can be found on the Registrar's page.

### Grade Appeals

Students in **Bloomington** seeking to make an appeal should first meet with the professor to understand and resolve the issue. If the student feels they are at an impasse they may make an appeal to the Director, Undergraduate Programs. The director will meet individually with the student and the professor to learn about the situation and find a resolution. If no resolution is arrived at, the Director will make a final decision, informing both the student and the professor with a copy to the SPEA Executive Associate Dean.

Students in **Indianapolis** have 90 days after the conclusion of a course to appeal a grade. Resolution of the issue with the class instructor must be attempted before submitting a written appeal to the appropriate program director. In the event the instructor for the **Indianapolis** campus cannot be contacted, the student must give a notice of intent to appeal at 90 days.

# Academic Standing

- Good Academic Standing
- Probation
- Critical Probation
- Dismissal
- Readmission

## Critical Probation

Under special circumstances, SPEA students may be placed on critical probation. If the student is given the opportunity to enroll under critical probation, SPEA will establish strict conditions that must be met before that student will be allowed to register for future classes.

Students who fail to return to good standing at the conclusion of critical probation may be dismissed from the school.

**SPEA Indianapolis Critical Probation policy**

1. SPEA Students will be placed on critical probation during the second term (consecutive or nonconsecutive) that their SPEA major GPA is below 2.3.
   - The SPEA major GPA is considered when a student completes 12 or more credits in the major.
2. If a student is making positive progress in their SPEA courses, but their SPEA GPA continues below 2.3, at the discretion of SPEA undergraduate

student services, a student could continue on Critical Probation.
3. Critical probation students must participate in intrusive advising and will create a strategic academic plan to return to good standing in consultation with their academic advisor.
4. After the third semester in which a student's SPEA GPA is below 2.3, the student could be dismissed if not making positive progress.
5. Regardless of SPEA GPA, a student could be dismissed if his/her CGPA or semester GPA is below 2.0 for the second consecutive semester.

# Probation

### SPEA Bloomington Probation Policy

A student will be placed on academic probation if his/her cumulative or semester grade point average is below 2.00 or his/her SPEA GPA falls below 2.30. In the Bachelor of Science in Arts Management, students will be placed on probation if the SPEA GPA falls below a 2.7 or the cumulative falls below a 2.3. In order for the SPEA GPA to be considered, a student must have completed 12 or more credit hours in the major. If a student is not making satisfactory progress toward a degree at the conclusion of the probation semester, the student may be dismissed from the school.

### SPEA Indianapolis Probation Policy

1. Students will be placed on academic probation if any of the following occur:
   - IU cumulative grade point average (GPA) falls below 2.0,
   - Semester GPA falls below 2.0, or
   - With at least 12 credits in the major, the SPEA GPA falls below 2.3.
2. Students will be informed of their probationary status by letter.
3. SPEA students on academic probation are required to participate in an approved intervention program provided by SPEA during their first semester on academic probation.
4. SPEA students will be continued on probation when their semester GPA is a 2.0 or above but their cumulative IU GPA is below 2.0.

# Good Academic Standing

Students are in good academic standing when their semester and their cumulative grade point averages are 2.00 or above and their SPEA grade point average is at least 2.30. Students must be in good academic standing to graduate.

In **Bloomington** the Bachelor of Science in Arts Management student must maintain a 2.7 (B-) overall grade point average in the core and major requirements as well as a 2.3 (C+) cumulative grade point average in all course work taken at Indiana University in order to graduate.

# SPEA Bloomington Dismissal

If, in the opinion of the appropriate program director, a student is not making satisfactory progress toward his/her degree, he/she may be dismissed. Dismissed students will have their upcoming semester courses cancelled.

### SPEA Indianapolis Dismissal Policy

1. SPEA students on probation who have completed a minimum of 12 IUPUI GPA hours are subject to dismissal if any of the following occur:
   - They fail to attain a semester GPA of at least 2.0 for two consecutive semesters,
   - Their Indiana University cumulative GPA is below 2.0 for two consecutive semesters, or
   - They fail to attain a SPEA major GPA of at least 2.3 after any three semesters (consecutive or non-consecutive).
2. Any SPEA student not making satisfactory progress could be dismissed at the discretion of SPEA Student Services and the appropriate program directors. This includes situations in which graduation is mathematically impossible.
3. Students who are dismissed for the first time must sit out for a minimum of one regular (fall or spring) semester and must petition by the established deadlines to be eligible for reinstatement. Reinstatement is not automatic.
4. Students dismissed two or more times must remain out of school for the next two consecutive regular (fall and spring) semesters and petition by the established deadlines to be eligible for reinstatement. Reinstatement after a second dismissal is extremely rare.

### SPEA Indianapolis Freshman Dismissal Policy

1. SPEA students with less than 26 credits are subject to dismissal if they have attempted at least 12 credits (including Ws) and do not obtain a semester GPA of at least 1.0.
2. Students with less than 26 credits who withdrew from all courses in a term are exempt from dismissal.
3. Students who are dismissed for the first time must sit out for a minimum of one regular (fall or spring) semester and must petition by the established deadlines to be eligible for reinstatement. Reinstatement is not automatic.
4. Students dismissed two or more times must remain out of school for the next two consecutive regular (fall and spring) semesters and petition by the established deadlines to be reinstated.

# Readmission

Dismissed students must petition their campus program director for readmission. Dismissed students whose petitions are denied will not be allowed to register.

### SPEA Indianapolis Reinstatement policy

1. Reinstatement will be the decision of the academic unit to which the students are petitioning.
2. Students who are reinstated will be classified as probationary students until the IU CGPA is at least a 2.0. During the first regularly enrolled term on probation, the student must achieve a semester GPA and SPEA GPA of at least 2.3. In some cases students may be required to attain a higher semester or SPEA GPA as determined by the reinstatement committee. In each subsequent semester on probation, the student must achieve a semester GPA

of at least 2.0 and SPEA GPA of 2.3. Failure to meet the semester GPA and SPEA GPA requirements while on probation could result in dismissal.
3. Reinstatement after a second dismissal is extremely rare.
4. Student's chances of reinstatement will be enhanced by taking workshops, removing grades of incomplete, undertaking assessment of their academic problems, and providing evidence of their ability to complete successful academic work upon their reinstatement to IUPUI.

# Student Rights and Responsibilities

Each student is responsible for knowing their rights and responsibilities as a member of the academic community as outlined in the Indiana University Code of Student Rights, Responsibilities, and Conduct. In accordance with federal law, student records are confidential and are available to other persons only under specific conditions, as outlined in university regulations. Among the student's obligations is that each student is responsible for knowing and meeting the requirements for their academic programs. Faculty and staff are available to guide and assist students, but the responsibility rests with the student. SPEA students who engage in academic or personal misconduct are subject to SPEA's judicial process and disciplinary actions.

**SPEA Indianapolis** fully supports the rights and responsibilities of students as defined in the IUPUI *Code of Student Rights, Responsibilities, and Conduct*. The *Student Code*spells out the expectations for faculty and students, and it provides the framework for SPEA's judicial process.
A student is entitled to rights in the pursuit of his or her education; freedom from discrimination and harassment; and freedom of association, expression, advocacy, and publication. A student also has the right to contribute to university governance, to receive accommodations for disabilities, and to access records and facilities.
In accordance with federal law, student records are confidential and are available to other persons only under specific conditions as outlined in university regulations.

A student is responsible for upholding and following all applicable codes of conduct, including the IUPUI *Student Code* and SPEA's policy on classroom etiquette and disorderly conduct, and for obeying all applicable policies and procedures and all local, state, and federal laws. A student is responsible for facilitating the learning process, attending class regularly, completing class assignments, and coming to class prepared. In addition, a student is responsible for planning his or her own academic program, planning class schedules, and for meeting the requirements for his or her degree or certificate programs. Faculty and academic advisors are available to assist students in meeting this responsibility. A student is responsible for maintaining and regularly monitoring his or her university accounts, including e-mail and bursar accounts. A student is responsible for using university property and facilities in the pursuit of his or her education, while being mindful of the rights of others to do the same. A student is responsible for upholding and maintaining academic and professional honesty and integrity.

# School Standards

**Academic Integrity**

This is a basic principle requiring that students take credit only for ideas and efforts that are their own. Academic dishonesty violates that principle and undermines the bonds of trust and cooperation among members of the university community. Penalties and procedures that are applicable when academic misconduct or dishonesty occurs are provided in the SPEA Student Honor Code, and the Code of Student Rights, Responsibilities, and Conduct. The policy on academic dishonesty is also published each semester in the **Bloomington** *Enrollment and Student Academic Information Handbook*. At **Indianapolis,** this is a basic principle of intellectual life that holds students responsible for taking credit only for ideas and efforts that are their own. Academic dishonesty violates that principle and undermines the bonds of trust and cooperation among members of the university community, and it is not tolerated. Academic misconduct includes cheating, fabrication, plagiarism, interference, violation of course rules, and facilitating academic dishonesty. Students are responsible for knowing what behaviors and activities constitute these different forms of academic misconduct. Penalties and procedures that are applicable when academic misconduct or dishonesty occurs are described in the IUPUI *Code of Student Rights, Responsibilities, and Conduct*.

**Indianapolis Statement on Civility**

SPEA, which is a professional school, expects students to conduct themselves in a courteous and civil manner in interactions with professors, staff, and fellow students. Examples of discourteous behavior during class include reading the newspaper, working crossword puzzles, using headphones to listen to music or other non-class items, using computers to surf the Web or for other non-class activities, talking or laughing with others, arriving late, and so forth. These behaviors are distracting to the instructor, to staff, and to classmates, and SPEA faculty and staff will address these problems as they arise either in class or on an individual basis. Disorderly conduct that interferes with teaching, research, administration, or other university or university-authorized activity will not be tolerated, and it may result in disciplinary action, including possible suspension and/or expulsion from the university.

# Degree Requirements

- Application for Degree
- Bulletin Policy
- Course Opportunities
- Degrees Awarded with Distinction
- Double-Counting
- GPA Requirement
- Hours Requirements
- Requirements for a Second Bachelor's Degree
- Transfer Course Policy

# Application for Graduation

All students must complete an application for graduation. At Bloomington, students apply for graduation at http://www.indiana.edu/~prospective_students/undergrad/academic_advising/graduation.shtml. This application

must be filed six months before the expected graduation date.

In Indianapolis, the graduation application should be completed by September 10 for December graduation, or January 10 for May or August graduation. The SPEA graduation application is found online or by visiting SPEA Student Services.

## Bulletin Policy

Students are expected to complete the requirements for their undergraduate degree within 10 years of admission to the School of Public and Environmental Affairs. Students are allowed to continue beyond this time period only at the discretion of the undergraduate program director or campus director. If a student has not taken classes for three years or more, that student must satisfy the program requirements of the School of Public and Environmental Affairs in effect at the time of reactivation. Requests for deviation from requirements listed in the bulletin must be approved in writing by the program director, whose decision is final.

## Course Opportunities

A student in good academic standing may choose to take a maximum of eight elective courses (two per academic year) pass/fail for the B.S. degree or two courses for the A.S. degree. Deadlines for exercising this option are published in the *Enrollment and Student Academic Information Handbook* and are strictly enforced.

With prior approval, a student may take three courses, totaling no more than 10 credit hours, by independent study through the School of Continuing Studies. Under no circumstances may a student satisfy a core or major/concentration requirement by independent study.

With SPEA faculty approval, a student in good standing may earn a maximum of 9 credit hours through the SPEA **internship** program.

SPEA students may choose to pursue a **minor** from another school, department, or within SPEA in an area other than their degree or major/concentration. Students interested in a minor should contact that department for additional information.

## Double-Counting

In **Bloomington**, the following course double-count policies are for admitted SPEA students only. Non-SPEA majors cannot double cunt courses with any SPEA academic program.

- SPEA Minors: Admitted SPEA students earning a SPEA minor may double count up to six (6) credit hours of minor courses with any other SPEA acadmeic program. Each SPEA minor must have at least nine (9) credit hours that do not count toward any other SPEA academic program.
- SPEA Certificates: Admitted SPEA students earning a SPEA certificate may double count up to six (6) credit hours of certificate requirements with any other SPEA academic program. The remianing SPEA certificate credit hours cannot be applied toward any other SPEA academic program.
- SPEA Double Majors: Admitted SPEA students earning two SPEA majors within the same degree may double count up to six (6) credit hours of major courses for both majors. Since, SPEA core courses are common to both majors, only specific to the majors (not core courses) are subject to the double-counting limit.
- Dual Degrees: Admitted SPEA students earning two SPEA degrees may double count up to six (6) credit hours of core or major courses for both degrees.

In **Indianapolis,** generally courses taken to meet a specific degree requirement cannot be double-counted (i.e., used to satisfy any other degree requirement). Students earning a SPEA major, minor, or certificate may double-count two courses across any allowable combination of these programs. The following restrictions apply: 1) students are limited to two minors and 2) SPEA students may not earn a certificate or minor in the same area as their major.

## GPA Requirement

A minimum cumulative and semester GPA of 2.00 is required for the B.S. degrees. In addition, a SPEA core and major/concentration GPA of 2.30 must be maintained in order to graduate.

In **Bloomington** the Bachelor of Science in Arts Management student must maintain a 2.7 (B#) overall grade point average in the core and major requirements as well as a 2.3 (C+) cumulative grade point average in all course work taken at Indiana University in order to graduate.

As a joint degree from the College of Arts and Sciences and the School of Public Affairs, the B.S. in Environmental Science requires a cumulative GPA of 2.0 (C) to graduate. All courses taken to satisfy major requirements must be completed with a C– or higher and with a cumulative GPA of 2.0 (C) for all courses taken in the major.

For **Bloomington** students seeking certificates or minors from SPEA, the minimum GPA requirement is 2.00 in all applicable course work.

In **Indianapolis a** minimum cumulative GPA of 2.0 is required for the B.S. degrees. In addition, a SPEA major GPA of 2.3 must be maintained in order to graduate. For students seeking certificates from SPEA, the minimum cumulative GPA requirement is a 2.0 or higher, and for students pursuing a minor the minimum cumulative GPA is a 2.3 or higher in all applicable course work.

## Hours Requirements

Students must successfully complete a minimum of 120 credit hours. However, the Bachelor of Science in Environmental Science requires 122 credit hours. The campus at which a student completes the plurality of course work will award the degree, provided that campus is authorized to grant the degree/major/concentration and that the student has been admitted to that campus. Students may transfer no more than 90 credit hours (60 credits from a junior college) toward a Bachelor of Science degree or 30 credit hours toward an Associate of Science degree. Class standing, based on total credit hours that count toward minimum degree requirements, is as follows: senior, 86 or more; junior, 56-85; sophomore, 26-55; freshman, fewer than 26.

## Transfer Course Policy

On the **Indianapolis** campus, no more than 50 percent of courses taken to satisfy the requirements of the Criminal Justice or Public Safety Management Concentrations may be transfer courses from other accredited institutions of higher learning, including all IU campuses.

## Degrees Awarded with Distinction

SPEA recognizes outstanding performance by awarding bachelor's and associate degrees with three levels of distinction to students. The levels of distinction are as follows:

- highest: 3.90 and above
- high: 3.70 through 3.89
- distinction: 3.50 through 3.69

## Requirements for a Second Bachelor's Degree—Bloomington and Indianapolis

Students must petition for approval to work toward a second bachelor's degree. If permission is granted, students are required to take 30 credit hours beyond the credits used for the first bachelor's degree and satisfy all the requirements for the second degree. Generally, SPEA encourages students to work toward a graduate degree rather than a second bachelor's degree.

# Programs

The Indiana University School of Public and Environmental Affairs offers a wide range of undergraduate programs on the Bloomington-Indianapolis core campuses. The undergraduate degrees are the Bachelor of Science in Public Affairs (B.S.P.A.), the Bachelor of Science in Public Health (B.S.P.H.), the Bachelor of Science in Criminal Justice (B.S.C.J.), Bachelor of Science in Arts Management (B.S.A.M.) and, through a joint program with the College of Arts and Sciences, a Bachelor of Science in Environmental Science (B.S.E.S.). In addition, the undergraduate program includes minors and certificate programs.

On July 1, 2008, the Divisions of Public and Environmental Affairs located on the Fort Wayne, Kokomo, Northwest (Gary), and East (Richmond) campuses became SPEA affiliated programs. As affiliated programs these divisions will continue to offer the SPEA curriculum approved for their campus; will continue to grant SPEA degrees to students who fulfill the necessary degree requirements; and will continue to use the SPEA name for academic purposes. Courses will continue to be transferable between the affiliated programs and the Bloomington-Indianapolis core campus programs. Not all degrees, minors, and certificates are offered at all campuses.

Information concerning these programs can be obtained by visiting our Web site at www.indiana.edu/~spea/ or from the following SPEA core campus offices:

**Bloomington**
Undergraduate Programs Office
School of Public and Environmental Affairs
SPEA Building 240
Indiana University
1315 E. Tenth Street
Bloomington, IN 47405-2100

(812) 855-0635

speaundergrad@indiana.edu

**Indianapolis**
Student Services Office
School of Public and Environmental Affairs
Business/SPEA Building 3027
Indiana University–Purdue University Indianapolis
801 W. Michigan Street
Indianapolis, IN 46202-5152
(317) 274-4656 Toll free: (877) 292-9321" />

infospea@iupui.edu
www.spea.iupui.edu

In addition to the SPEA core school bulletin, please note that IUPUI maintains a seperate bulletin which also includes SPEA Indianapolis information. This bulletin has additional information specific to the IUPUI campus. Explore the IUPUI bulletin here: IUPUI Bulletin.

# Bloomington Campus

- Bachelor of Science in Arts Management (B.S.A.M.)
- Bachelor of Science in Environmental Science (B.S.E.S.)
- Bachelor of Science in Public Affairs (B.S.P.A.)
- Bachelor of Science in Public Health (B.S.P.H.)
- Minors
- Certificate Programs

**About the Bachelor of Science Degree Programs**

The School of Public and Environmental Affairs recognizes the complex problems facing our society such as global climate change, hazardous waste, escalating health care costs, balance of trade, and international relations. Through the four bachelor of science degree programs, the students develop problem-solving abilities and organizational skills so that they may contribute possible solutions to these and other problems.

More than ever, people who take on leadership roles in society—whether as professionals or volunteers—need formal training in managing staff, fiscal resources, information, public relations and marketing, and technology. With its focus on managing resources and solving problems, the Bachelor of Science in Public Affairs (B.S.P.A.) degree prepares students for careers in diverse areas such as federal, state, and local politics and administration; public policy evaluation; management consulting; public relations; management of nonprofit organizations; and monitoring, assessment, and amelioration of environmental problems—to name only a few. Majors in the degree program include: management, legal studies, public and nonprofit management, policy analysis, public financial management, and environmental management. Students who choose to continue with their education after earning an undergraduate degree frequently study law, planning, public affairs, environmental science, or business administration.

There is a critical need for scientists who can incorporate their expertise into policies that address environmental concerns, such as global climate change, pollution of water and air, conservation of endangered species and

habitats, urban sprawl, and human illnesses caused by environmental problems. To meet that need, the School of Public and Environmental Affairs and the College of Arts and Sciences developed the Bachelor of Science in Environmental Science (B.S.E.S.) degree, a unique cooperative program between two leading schools at Indiana University. Designed as a rigorous interdisciplinary science curriculum, the degree prepares students either for direct entry into an environmental science career or for graduate study in the traditional sciences or environmental science.

Both government and private organizations are seeking ways to maintain or improve the quality of health care in the United States. At the same time, there is an increasing need to control skyrocketing costs. The Bachelor of Science in Public Health (B.S.P.H.) prepares students to meet those challenges. The Health Administration major prepares students for health management careers by developing their organizational, analytical, managerial, and leadership skills. Graduates often pursue careers in the public, private, or nonprofit sector in areas such as public health, environmental health, health administration, epidemiology, or health policy and planning. B.S.P.H. students have gone on for post-baccalaureate training in diverse areas such as public health, health administration, public affairs, law, business administration, and environmental science and policy.

Now more than ever, institutions in the arts need a well trained, dedicated cadre of administrators able to navigate minefields underlying financial pressures, organizational constraints, and shifts in competitive entertainment, as well as consumer interest. The Bachelor of Science in Arts Management (B.S.A.M.) degree provides undergraduate students with the background and skills necessary to function in the management aspects of the arts industry. Graduates of this degree program are prepared to seek entry level careers in areas such as: development and donor relations, marketing, audience development and public relations, artistic direction and programming, financial management, volunteer coordination, arts education, public policy, and advocacy.

# Bachelor of Science (B.S.) in Public Affairs

### Bachelor of Science in Public Affairs

The Bachelor of Science in Public Affairs requires 120 credit hours. The Bloomington campus offers six majors: Environmental Management, Legal Studies, Management, Policy Analysis, Public and Nonprofit Management, and Public Financial Management.

### DEGREE REQUIREMENTS

The SPEA curriculum is divided into five categories—Common Ground, SPEA Preparation, Electives, Public Affairs Core, and a Major area. For students who enter Indiana University Bloomington in June 2011 or after, Common Ground and SPEA Preparation are required. SPEA General Education is in effect for students who matriculated to Indiana University Bloomington prior to June 2011.

### Common Ground

Courses taken for Common Ground may simultaneously be used for the SPEA Preparation below as well as the SPEA Core. However, the number of unique credit hours taken in all three sections together must total at least 60 credit hours. Choose remaining credit hours from Campus Common Ground Lists (additional selections from Foundations, Breadth of Inquiry, and World Languages and Cultures).

See http://www.iu.edu/~bulletin/iub/general-education/2012-2013/ for updated requirements and a complete list of course options.

**SPEA Preparation** (21 cr.)

**Communications** (6 cr.)

**Professional Writing** (One of the following courses)

- ENG-W 231 Professional Writing Skills (3 cr.)
- ENG-W 240 Community Service Writing (3 cr.)
- BUS-X 204 Business Communications (3 cr.)

**Oral Communication** (One of the following courses)

- BUS-X 104 Business Presentations (3 cr.)
- CMCL-C 121 Public Speaking (3 cr.)
- CMCL-C 122 Interpersonal Communication (3 cr.)
- CMCL-C 205 Introduction to Communication and Culture (3 cr.)
- CMCL-C 225 Discussion and Decision Making (3 cr.)
- CMCL-C 228 Argumentation and Advocacy (3 cr.)
- CMCL-C 229 Ways of Speaking (3 cr.)
- THTR-T 120 Acting I (3 cr.)

**Quantitative Methods** (12 cr.)

**Computer Course** (One of the following courses)

- SPEA-V 261 Computers in Public Affairs (3 cr.)
- BUS-K 201 The Computer in Business (2-3 cr.)
- CSCI-A 110 Introduction to Computers and Computing (3 cr.)
- CSCI-A 201 Introduction to Programming I (4 cr.)

Each of the following courses:

- SPEA-K 300 Statistical Techniques (3 cr.)
- ECON-E 201 Introduction to Microeconomics (3 cr.)
- ECON-E 202 Introduction to Microeconomics (3 cr.)
- POLS-Y 103 Introduction to American Politics (3 cr.)

**General Electives**
Additional courses beyond the general education, core, and major requirements are needed to complete the minimum of 120 hours required for the degree.

**Public Affairs Core**
(Five courses)

- SPEA-E 162 Environment and People (3 cr.) **or** SPEA-E 272 Introduction to Environmental Sciences (3 cr.)
  **Note**: Environmental Management majors *must* select SPEA-E 272.
- SPEA-V 160 National and International Policy (3 cr.)
- SPEA-V 161 Urban Problems and Solutions (3 cr.)
- SPEA-V 220 Law and Public Affairs (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)

**Experiential Learning Requirement**

- SPEA-V 252 Career Development and Planning (2 cr.) and
- SPEA-V 381 Professional Experience (1 cr.)

Each B.S.P.A. student is required to complete an internship experience. Internships give students an excellent opportunity to apply classroom theory and techniques to real-life experiences. Students should register for SPEA-V 252 the first semester they are accepted into the program.

In order for an internship to satisfy the experiential learning requirement (V 381), students must:

- Be officially admitted to the School of Public and Environmental Affairs
- Earn a passing grade in SPEA-V 252
- Successfully complete a minimum of one class in their major/concentration with a passing grade
- Be in overall good academic standing
- Be at least a junior
- Receive internship approval from the Office of Career Services before beginning the internship experience.

All students admitted to SPEA in the fall of 2008 and thereafter who have completed either BUS-X 220 Career Perspectives or BUS-X 420 Business Career Planning/ Placement with a grade of C or higher prior to admission to SPEA are not required to complete SPEA-V 252 Career Development. These students are still required to register for and complete an internship experience. Specific enrollment instructions and authorization will be provided to these students by SPEA Career Services.

All students admitted to SPEA in the fall of 2008 and thereafter who have completed either ASCS-Q 299 Job Search Strategies for Liberal Arts Students or ASCS-Q 294 Basic Career Development and ASCS-Q 275 Professional Portfolio Development with a grade of "S" (passing) prior to admission to SPEA are not required to complete SPEA-V 252 Career Development. These students are still required to register for and complete an internship experience. Specific enrollment instructions and authorization will be provided to these students by the SPEA Career Services.

**Majors**
There are six majors offered on the Bloomington campus. They are Environmental Management, Legal Studies, Management, Policy Studies, Public and Nonprofit Management, and Public Financial Management.

**Environmental Management Major**

**Requirements** (Eleven courses)

**Note:** Courses may be listed in more than one area below. However, no course will count more than once in the major. SPEA-E 272 is required for Environmental Management majors; SPEA-E 162 will not count for this major.

The following four courses:

- SPEA-E 272 Introduction to Environmental Sciences (3 cr.)
- SPEA-E 311 Introduction to Risk Assessment and Risk Communication (3 cr.)
- SPEA-E 332 Introduction to Applied Ecology (3 cr.)
- SPEA-E 363 Environmental Management (3 cr.)

One of the following courses in Law and Policy:

- SPEA-E 340 Environmental Economics and Finance (3 cr.)
- SPEA-E 466 International and Comparative Environmental Policy (3 cr.)
- SPEA-E 476 Environmental Law and Regulations (3 cr.)

Six of the following courses in Environment Management, chosen in consultation with a faculty advisor:

- SPEA-E 316 Insects and the Environment (3 cr.)
- SPEA-E 325 Computing for Environmental Scientists (2 cr.)
- SPEA-E 340 Environmental Economics and Finance (3 cr.)
- SPEA-E 355 Introduction to Limnology (3 cr.)
- SPEA-E 360 Introduction to Water Resources (3 cr.)
- SPEA-E 375 Techniques of Environmental Science (3 cr.)
- SPEA-E 400 Topics in Environmental Studies (3 cr.) May be repeated
- SPEA-E 410 Introduction to Environmental Toxicology (3 cr.)
- SPEA-E 411 Introduction to Groundwater Hydrology (3 cr.)
- SPEA-E 412 Risk Communication (3 cr.)
- SPEA-E 418 Vector-Based Geographic Information Systems (3 cr.)
- SPEA-E 419 Applied Remote Sensing of the Environment (3 cr.)
- SPEA-E 422 Urban Forest Management (3 cr.)
- SPEA-E 431 Water Supply and Wastewater Treatment (3 cr.)
- SPEA-E 440 Wetlands: Biology and Regulation (3 cr.)
- SPEA-E 442 Habitat Analysis—Terrestrial (3 cr.)
- SPEA-E 443 Habitat Analysis—Aquatic (3 cr.)
- SPEA-E 451 Air Pollution and Control (3 cr.)
- SPEA-E 452 Solid and Hazardous Waste Management (3 cr.)
- SPEA-E 455 Limnology (4 cr.)
- SPEA-E 456 Lake and Watershed Management (3 cr.)
- SPEA-E 457 Introduction to Conservation Biology (3 cr.)
- SPEA-E 460 Fisheries and Wildlife Management (3 cr.)
- SPEA-E 461 Fisheries and Wildlife Management Laboratory (3 cr.)
- SPEA-E 466 International and Comparative Environmental Policy (3 cr.)
- SPEA-E 476 Environmental Law and Regulation (3 cr.)
- SPEA-E 482 Overseas Topics in Environmentatl Science (0-15 cr.)
- SPEA-H 316 Environmental Health (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr,)
- SPEA-V 401 Financial and Cost-Benefit Analysis (3 cr.)

- SPEA-V 412 Leadership and Ethics (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 436 Management Communications for Public and Nonprofit Organizations (3 cr.)

**Legal Studies Major**

**Requirements** (Ten courses)

Both of the following courses:
- SPEA-V 377 Legal Processes and Contemporary Issues in America (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)

One of the following courses:
- SPEA-V 405 Public Law and the Legislative Process (3 cr.)
- SPEA-V 406 Public Law and the Electoral Process (3 cr.)
- SPEA-V 407 Public Law and Government Relations (3 cr.)

Four of the following courses (three must be SPEA courses):
- SPEA-E 476 Environmental Law and Regulation (3 cr.)
- SPEA-H 341 Legal Aspects of Health Care Administration (3 cr.)
- SPEA-V 405 Public Law and the Legislative Process (3 cr.)
- SPEA-V 406 Public Law and the Electoral Process (3 cr.)
- SPEA-V 407 Public Law and Government Relations (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) Approved topics; may be repeated for credit.
- AAAD-A 481 Racism and the Law (3 cr.)
- ANTH-E 475 Law and Culture (3 cr.)
- BUS-L 201 Legal Environment of Business (3cr.) **or** BUS-L 203 Commercial Law I (3 cr.)
- BUS-L 303 Commercial Law II (3 cr.)
- BUS-L 406 Employment Problems and the Law (3 cr.)
- CJUS-P 370 Legal Aspects of Criminal Justice Systems I (3 cr.)
- CJUS-P 371 Legal Aspects of Criminal Justice Systems II (3 cr.)
- CLAS-C 408 Roman Law (3 cr.)
- HPER-R 441 Legal Aspects of Recreation (3 cr.)
- JOUR-J 300 Communications Law (3 cr.)
- JOUR-J 407 Newsgathering and the Law (3 cr.)
- PHIL-P 375 Philosophy of Law (3 cr.)
- POLS-Y 304 American Constitutional Law I (3 cr.)
- POLS-Y 305 American Constitutional Law II (3 cr.)
- POLS-Y 367 International Law (3 cr.)
- SOC-S 326 Law and Society (3 cr.)
- TEL-T 424 Telecommunications and the Constitution (3 cr.)

Three of the following courses:

- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)
- SPEA-V 340 Urban Government Administration (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 378 Policy Processes in the United States (3 cr.)
- SPEA-V 412 Leadership and Ethics (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) Approval; topics may be repeated.
- SPEA-V 460 Intergovernmental Relations (3 cr.)
- SPEA-V 461 Computer Applications in Public Affairs (3 cr.)
- SPEA-V 475 Database Management Systems (3 cr.)
- SPEA-V 482 Overseas Topics in Public Affairs (0-15 cr.)

**Management Major**

**Requirements** (Eleven courses)

The following five courses:
- SPEA-V 236 Management Concepts and Applications I (3 cr.)
- SPEA-V 246 Elements of Governmental and Nonprofit Financial Accounting Cycle (3 cr.) **or** BUS-A 201 Introduction to Financial Accounting (3 cr.)
- SPEA-V 336 Management Concepts and Applications II (3 cr.)
- SPEA-V 361 Financial Management (3 cr.) **or** BUS-F 300 Introduction Financial Management (3 cr.)
- SPEA-V 369 Managing Information Technology (3 cr.)

Two of the following courses:

- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 370 Research Methods and Statistical Modeling (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 389 Risk and Hazard Mitigation (3 cr.)
- SPEA-V 401 Financial and Cost-Benefit Analysis (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) *Approved Topics; may be repeated for credit*

Two of the following courses:

- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolutions (3 cr.)
- SPEA-V 443 Managing Workforce Diversity (3 cr.)
- SPEA-V 463 Interpersonal Relations in the Wrokplace (3 cr.)

Three of the following courses:

- SPEA-E 340 Environmental Economics and Finance (3 cr.)
- SPEA-E 363 Environmental Management (3 cr.)
- SPEA-E 476 Environmental Law and Regulation (3 cr.)
- SPEA-H 124 Health Care Management and Policy (3 cr.)

- SPEA-V 340 Urban Government Administration (3 cr.)
- SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA-V 356 Introduction to Nonprofit Accounting and Reporting (3 cr.)
- SPEA-V 378 Policy Processes in the United States (3 cr.)
- SPEA-V 407 Public Law and Government Relations (3 cr.)
- SPEA-V 412 Leadership Ethics (3 cr.)
- SPEA-V 436 Commincation for Government and Nonprofit Organizations (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) *Approved Topics; may be repeated*
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)
- SPEA-V 460 Intergovernmental Relations (3 cr.)
- SPEA-V 462 Community Development (3 cr.)
- SPEA-V 473 Management, Leadership, and Policy (3 cr.)
- SPEA-V 482 Overseas Topics in Public Affairs (0-15 cr.)

**Policy Analysis Major**

**Requirements** (Twelve courses)

Students should take whichever of the following they didn't take in the General Education requirements:

- MATH-M 118 Finite Mathematics (3 cr.)
- MATH-M 119 Brief Survey of Calculus I (3 cr.) **or** Math-M 211 Calculus I (4 cr.)

Each of the following courses:

- SPEA-V 246 Elements of Governmental and Nonprofit Financial Accounting Cycle (3 cr.) or BUS-A 201 Introduction to Financial Accounting (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 370 Research Methods and Statistical Modeling (3 cr.)
- SPEA-V 386 Case Studies for Policy Analysis (3 cr.)
- SPEA-V 401 Financial and Cost-Benefit Analysis (3 cr.)
- SPEA-V 449 Senior Policy Seminar (3 cr.)

Four courses from the following, choosen in consultation with a faculty advisor

- SPEA-E 340 Environmental Economics and Finance (3 cr.)
- SPEA-E 466 International and Comparative Environmental Policy (3 cr.)
- SPEA-H 324 Health Policy (3 cr.)
- SPEA-H 416 Environmental Health Policy (3 cr.)
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 371 Financing Public Affairs (3 cr.)
- SPEA-V 378 Policy Process in the United States (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 405 Public Law and the Legislative Process (3 cr.)
- SPEA-V 406 Public Law and the Electoral Process (3 cr.)
- SPEA-V 407 Public Law and Government Relations (3 cr.)
- SPEA-V 412 Leadership Ethics (3 cr.)
- SPEA-V 421 Metropolitan Development (3 cr.)
- SPEA-V 422 Transportation Policy Analysis (3 cr.)
- SPEA-V 447 Federal Budget Policy (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) Approved topics; may be repeated
- SPEA-V 451 Social Policy and the Aging (3 cr.)
- SPEA-V 457 Management Science in the Public Sector (3 cr.)
- SPEA-V 460 Federalism, Intergovernmental Relations, and Management (3 cr.)
- SPEA-V 461 Computer Applications in Public Affairs (3 cr.)
- SPEA-V 462 Community Development (3 cr.)
- SPEA-V 482 Overseas Topics in Public Affairs (0-15 cr.)

**Public and Nonprofit Management Major**

**Requirements** (Eleven courses)

The following five courses:

- SPEA-V 241 Management Foundations and Approaches (3 cr.)
- SPEA-V 246 Elements of Government and Nonprofit Financial Accounting Cycle (3 cr.) **or** BUS-A 201 Introduction to Financial Accounting (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 473 Management, Leadership, and Policy (3 cr.)

Students should choose either the Public Management or the Nonprofit Management track

**A. Public Management Track**

The following course:

- SPEA-V 263 Public Management (3 cr.)

Five courses from the following, chosen in consultation with a faculty advisor:

- SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)
- SPEA-V 368 Managing Government Operations (3 cr.)
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 401 Financial and Cost-Benefit Analysis (3 cr.)
- SPEA-V 412 Leadership and Ethics (3 cr.)

- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 436 Communication for Government and Nonprofit Organizations (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) Approved Topics; may be repeated for credit
- SPEA-V 462 Community Development (3 cr.)
- SPEA-V 463 Interpersonal Relations in the Workplace (3 cr.)
- SPEA-V 482 Overseas Topics in Public Affairs (0-15 cr.)

**B. Nonprofit Management Track**

The following two courses:

- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)

Five courses from the following, chosen in consultation with a faculty advisor

- SPEA-V 263 Public Management (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 356 Introduction to Nonprofit Accounting and Reporting (3 cr.)
- SPEA-V 368 Managing Government Operations (3 cr.)
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 401 Financial and Cost-Benefit Analysis (3 cr.)
- SPEA-V 412 Leadership and Ethics (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 436 Communication for Government and Nonprofit Organizations (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) Approved topics; may be repeated for credit
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)
- SPEA-V 461 Computer Applications on Public Affairs (3 cr.)
- SPEA-V 462 Communtiy Development (3 cr.)
- SPEA-V 463 Interpersonal Relations in the Workplace (3 cr.)
- SPEA-V 475 Database Management Systems (3 cr.)
- JOUR-J 431 Public Relations for Nonprofits (3 cr.)

**Public Financial Management Major**

**Requirements** (Ten courses)

Each of the following courses:

- SPEA-V 246 Elements of Governemental and Nonprofit Financial Accounting Cycle (3 cr.)
- SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 386 Cae Studies for Policy Analysis (3 cr.)
- SPEA-V 401 Financial and Cost-Benefit Analysis (3 cr.

Five of the Following Courses:

- SPEA-E 340 Environmental Economics and Finance (3 cr.)
- SPEA-H 352 Health Finance and Budgeting (3 cr.)
- SPEA-H 353 Advanced Health Finance and Budgeting (3 cr.)
- SPEA-H 354 Health Economics (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 412 Leadership Ethics (3 cr.)
- SPEA-V 421 Metropolitan Development (3 cr.)
- SPEA-V 441 Topics in Financial Management and Policy (3 cr.)
- SPEA-V 442 Topics in Budgeting or Cost-Benefit (3 cr.)
- SPEA-V 461 Computer Applications in Public Affairs (3 cr.)
- SPEA-V 462 Communtiy Development (3 cr.)
- SPEA-V 475 Database Management (3 cr.)
- SPEA-V 482 Overseas Topics in Public Affairs (0-15 cr.)

# Bachelor of Science (B.S.) in Public Health

**Bachelor of Science in Public Health**

This 120 credit hour degree program offers a major in Health Administration.

**DEGREE REQUIREMENTS**

Students must satisfy requirements in five main areas: Common Ground, SPEA Preparation, Electives, a Public Health Core, and the Health Administration required courses. For students who enter Indiana University Bloomington in June 2011 or after, Common Ground and SPEA Preparation are required. SPEA General Education is in effect for students who matriculated to Indiana University Bloomington prior to June 2011.

**Common Ground**

Courses taken for Common Ground may simultaneously be used for SPEA Preparation below as well as the SPEA Core. However, the number of unique credit hours taken in all three sections together must total at least 63 credit hours. Choose remaining credit hours from Campus Common Ground Lists (additional selections from Foundations, Breadth of Inquiry, and World Languages and Cultures). See http://www.iu.edu/~bulletin/iub/general-education/2012-2013/ for updated requirements and a complete list of course options.
**SPEA Preparation** (21 cr.)

**Communications** (6 cr.)

**Professional Writing** (One of the following courses)

- ENG-W 231 Elementary Composition (3 cr.) or approved option (C– or higher)

- ENG-W 240 Community Service Writing (3 cr.)
- BUS-X 204 Business Communications (3 cr.)

**Oral Communication** (One of the following courses)

- CMCL-C 121 Public Speaking (3 cr.)
- CMCL-C 122 Interpersonal Communication (3 cr.)
- CMCL-C 205 Introduction to Communication and Culture (3 cr.)
- CMCL-C 225 Discussion and Decision Making (3 cr.)
- CMCL-C 228 Argumentation and Advocacy (3 cr.)
- CMCL-C 229 Ways of Speaking (3 cr.)
- THTR-T 120 Acting I (3 cr.)
- BUS-X 104 Business Presentations (3 cr.)

**Quantitative** (12 cr.)

**Computer Course (One of the following courses)**

- BUS-K 201 The Computer in Business (3 cr.)
- CSCI-A 201 Introduction to Programming (4 cr.)
- SPEA-K 300 Statistical Techniques (3 cr.)
- ECON-E 201 Introduction to Macroeconomics (3 cr.)
- ECON-E 202 Introduction to Macroeconomics (3 cr.)

**Each of the following courses:**

- SPEA-K 300 Statistical Techniques (3 cr.)
- ECON-E 201 Introduction to Macroeconomics (3 cr.)
- ECON-E 202 Introduction to Macroeconomics (3 cr.)

**American Government Foundations** (3 cr.)

- POLS-Y 103 Introduction to American Politics (3 cr.)

Electives

Additional courses beyond the general education, core, and major requirements are needed to complete the minimum of 120 hours required for the degree.

**Public Health Core** (six courses)

SPEA-H 124 Health Care Management and Policy (3 cr.)
SPEA-H 316 Environmental Health (3 cr.)
SPEA-H 322 Principles of Epidemiology (3 cr.) or HPER-H 311 Human Diseases and Epidemiology (3 cr.)
SPEA-H 342 Community Health Education (3 cr.) or HPER-C 403 Public Health Program Planning (3 cr.)
SPEA-V 160 National and International Policy (3 cr.)
SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)

- SPEA-H 124 Health Care Management and Policy (3 cr.)
- SPEA-H 316 Environmental Health (3 cr.)
- SPEA-H 322 Principles of Epidemiology (3 cr.) or HPER-H 311 Human Diseases and Epidemiology (3 cr.)
- SPEA-H 342 Community Health Education (3 cr.) or HPER-C 403 Public Health Program Planning (3 cr.)
- SPEA-V 160 National and International Policy (3 cr.)
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)

**Experiential Learning Requirement**

- SPEA-H 267 Career Development and Planning
- SPEA-H 466 Public Health Field Experience

Each B.S.P.H. student is required to complete an internship experience. Internships give students an excellent opportunity to apply classroom theory and techniques to real life experiences. Students should register for SPEA-H 267 the first semester they are accepted into the program.
In order for an internship to satisfy the experiential learning requirment (SPEA-H 466), students must:

- Be officially admitted to the School of Public and Environmental Affairs
- Earn a passing grade in SPEA-H 267
- Successfully complete a minimum of one class in their major/concentration with a passing grade
- Be in overall good academic standing
- Be at least a sophomore
- Receive internship approval from the Office of Career Services before beginning the internship experience

All students admitted to SPEA in the fall of 2008 and thereafter who have completed either BUS-X 220 Career Perspectives or BUS-X 420 Business Career Planning/ Placement with a grade of C or higher prior to admission to SPEA are not required to complete SPEA-H 267 Career Development. These students are still required to register for and complete an internship experience. Specific enrollment instructions and authorization will be provided to these students by SPEA Career Services.

All students admitted to SPEA in the fall 2008 and thereafter who have completed either ASCS-Q 299 Job Search Strategies for Liberal Arts Students or ASCS-Q 294 Basic Career Development and ASCS-Q 275 Professional Portfolio Developmentwith a grade of "S" (passing) prior to admission to SPEA are not required to complete SPEA-H 267 Career Development. These students are still required to register for and complete an internship experience. Specific enrollment instructions and authorization will be provided to these students by SPEA Career Services.

**Health Administration Major**

**Requirements** (12 courses)

The following seven courses:

- SPEA-H 341 Legal Aspects of Health Care Administration (3 cr.)
- SPEA-H 352 Health Finance I (3 cr.)
- SPEA-H 353 Health Finance II (3 cr.)
- SPEA-H 354 Health Economics (3 cr.)
- SPEA-H 365 Health Services Practicum (1 cr.)
- SPEA-H 374 Health Management Ethics (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)

Five of the following courses:

- SPEA-H 324 Health Policy (3 cr.)
- SPEA-H 401 Strategic Planning for Health Care Oganizations (3 cr.)
- SPEA-H 402 Hospital Administration (3 cr.)
- SPEA-H 411 Chronic and Long-Term Care Administration (3 cr.)
- SPEA-H 432 Health Care Marketing (3 cr.)

- SPEA-H 455 Topics in Public Health (3 cr.) May be repeated
- SPEA-H 456 Health Care Reimbursment (3 cr.)
- SPEA-E 316 Insects and the Environment (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 482 Overseas Topics in Public Affairs (0-15 cr.)

# Bachelor of Science (B.S.) in Environmental Science

**Bachelor of Science in Environmental Science**

The Bachelor of Science in Environmental Science, which is offered jointly by the College of Arts and Sciences and the School of Public and Environmental Affairs, is an integrated course of study in the applied natural and physical sciences. For students who enter Indiana University Bloomington in June 2011 or after, Common Ground is required. SPEA General Education is in effect for students who matriculated to Indiana University Bloomington prior to June 2011.

**Common Ground**

See http://www.iu.edu/~bulletin/iub/general-education/2012-2013/ for updated reguirements and a complete list of course options.

**Communications** (6 cr.)

**Professional Writing** (One of the following courses)

- ENG-W 131 Elementary Composition (3 cr.)
- ENG-W 231 Professional Writing Skills (3 cr.)

**Oral Communication** (One of the following courses)

- CMCL-C 121 Public Speaking
- CMCL-C 122 Interpersonal Relations (3 cr.)
- CMCL-C 205 Introductions to Communications and Culture (3 cr.)
- CMCL-C 223 Business and Professional Communication (3 cr.)
- CMCL-C 225 Discussion and Decision Making (3 cr.)
- CMCL-C 228 Argumentation and Public Advocacy (3 cr.)
- CMCL-C 229 Ways of Speaking (3 cr. )
- THTR-T 115 Oral Interpretation I (3cr.) **or** THTR-T 120 Acting I: Foundations of Acting (3 cr.)

**Quantitative** (12 cr.)

Each of the following courses:

- SPEA-K 300 Statistical Techniques (3 cr.)
- ECON-E 201 Introduction to Microeconomics (3 cr.)
- ECON-E 202 Introduction to Microeconomics (3 cr.)

**Fundamental Skills Requirements**

(Credit hours vary, depending on course selection.)

- ENG-W 131 Elementary Composition (3 cr.)
- ENG-W 231 Professional Writing Skills (3 cr.)
- An Intensive Writing course—satisfied by the core via the senior research thesis
- Fundamental Mathematics—satisfied by the core
- CMCL-C 121 Public Speaking (3 cr.) **or** approved option
- First-Year Foreign Language (8cr.)

**Distribution Requirements** (Credit hours vary, depending on course selection.)

**Freshman Topics Course:** Select either COAS-E 103 (will satisfy one of the Arts and Humanities courses) or COAS-E 104.

**Arts and Humanities**

(Two courses for a minimum of 6 credit hours)

Both must be designated as an Arts and Humanities credit by the College of Arts and Sciences. One of the two could be COAS-E 103 Topics course (3 cr.)

**Social and Historical Studies**
(Two courses for a minimum of 6 credit hours)

One of the following:

- ECON-E 201 Introduction to Microeconomics (3 cr.)
- ECON-E 202 Introduction to Macroeconomics (3 cr.)
- ECON-E 364 Environment and Resource Economics (3 cr.)
- POLS-Y 103 Introduction to American Politics (3 cr.) **or** POLS-Y 313 Environmental Policy (3 cr.)

One of the following:

- SPEA-V 263 Public Management (3 cr.)
- SPEA-V 371 Financing Public Affairs (3 cr.)
- SPEA-V 376 Law and Public Policy (3 cr.)
- SPEA-V 472 Policy Process in the U.S. (3 cr.)
- SPEA-V 499 Honors Thesis (1-3 cr.)

**Natural and Mathematical Sciences**—satisfied by the concentration

**Core Requirements** (61-63 credit hours)

**School of Public and Environmental Affairs** (One course)

- SPEA-E 262 Environmental Problems and Solutions (3 cr.)

**Biology** (Two courses)

- BIOL-L 111 Evolution and Diversity (3 cr.)
- BIOL-L 473 Ecology (3 cr.) **or** SPEA-E 332 Applied Ecology

**Chemistry** (One of the following sequences)

**Note**: Students who did not earn at least a B– in high school chemistry should consult with the chemistry department. Students may complete any of the following sequences:

- CHEM-C 117 Principles of Chemistry and Biochemistry I (5 cr.), CHEM-C 118 Principles of Chemistry and Biochemistry II (5 cr.) **and** C341 Organic Chemisty Lectures I (3 cr.)
- CHEM-C 117 Principles of Chemistry and Biochemistry I (5 cr.), R 340 Survey of Organic Chemistry (3 cr.), A 314 Biological & Envirnmentl Chem Analysis (3 cr.) **and** A 316 Bioanalytical Chemistry Lab (3 cr.)

- CHEM-C 117 Principles of Chemisrty and Biochemistry I (5 cr.), R 340 Survey of Organic Chemistry (3 cr.), **and** N 330 Intermediate Inorganic Chemistry (3 cr.)

**Computer Science** (One of the following courses)

- GSCI-A 202 Introduction to Programming II (4 cr.)
- GEOG-G 250 Computer Methods in Geology (3 cr.)
- SPEA-E 325 Computing for Environemental Scientists (2 cr.)

**Geography** (One course)

- GEOG-G 304 Physical Meteorology and Climatology (3 cr.)

**Geological Sciences** (Two courses)

- GEOL-G 225 Earth Materials (4 cr.)
- GEOG-G 329 Field Geology in the Rocky Mountains (5 cr.)

**Note:** Students with some concentrations may substitute two of the following for GEOL-L 329:

- BIOL-L 465 Advanced Field Biology (3 cr.)
- SPEA-E 442 Habitat Analysis - Terrestrial (3 cr.)
- SPEA-E 443 Habitat Analysis - Aquatic (3 cr.)
- GEOG-G 350 Instrumentation and Field Methods in Atmospheric Science (3 cr.)

**Mathematics** (Three courses)

- MATH-M 211 Calculus I (4 cr.) **or** MATH-M 199 **and** MATH-X 201
- MATH-M 212 Calculus II (4 cr.)
- MATH-M 343 Introduction to Differential Equations with Applications I (3 cr.) **or** SPEA-E 426 Applied Mathematics for Environmental Science (3 cr.)

**Physics** (Two Courses)

- PHYS-P 221 Physics I (5 cr.)
- PHYS-P 222 Physics II (5 cr.)

**Statistics** (One course)
One of the following:

- SPEA-K 300 Statistical Techniques (3 cr.)
- GEOG-G 488 Applied Spatial Statistics (3 cr.)
- MATH-K 300 Statistical Techniques (3 cr.)
- MATH-M 365 Introdution to Probability and Statistics (3 cr.)

**SPEA-E 490 Directed Research in Environment Science**
Guided by a faculty member, each student undertakes a project closely related to his or her concentration. A minimum of 3 credit hours of senior research must be completed within the department of the sponsoring faculty member. For other departments these research credits would be taken in BIOL-L 490, CHEM-C 409, CSCI-Y 390, GOEG-G 450, GEOL-G 410, INFO-I 460, MATH-M 490, PHYS-S 406, SPEA-E 490 or other courses as appropiate gen the affiliation of the faculty advisor. A written report and public oral presentation are required.

**Concentration Area** (Minimum of 18 credit hours)

Whereas the core curriculum provides each student with a solid background in the basic subjects pertinent to the environmental sciences, the concentration is aimed at preparing students for graduate study or professional employment in specific fields. A list of available concentration areas includes: atmospheric sciences, ecosystem sciences, water resources, hydrology and water resources, general, mathematical modeling, pollution control technologies and remediation, and surficial processes.

## Bachelor of Science (B.S.) in Arts Management

**Bachelor of Science in Arts Management**

The Bachelor of Science in Arts Management Degree requires 120 credit hours. The curriculum is divided into seven categories—Common Ground, SPEA Preparation, General Electives, Arts Core, Management Core, Arts Management Core, and Experiential Learning. For students who enter Indiana University Bloomington in June 2011 or after, Common Ground and SPEA Preparation are required. SPEA General Education is in effect for students who matriculated to Indiana University Bloomington prior to June 2011.

**Common Ground**

See  for updated requirements and a complete list of course options.

**SPEA Preparation** (21 cr.)

**Communications** (6 cr.)

**Professional Writing** (One of the following courses)

- ENG-W 231 Professional Writing Skills (3 cr.)
- ENG-W 240 Community Service Writing (3 cr.)
- BUS-X 204 Business Communications (3 cr.)

**Oral Communication** (One of the following courses)

- CMCL-C 121 Public Speaking (3 cr.)
- CMCL-C 122 Interpersonal Communication (3 cr.)
- CMCL-C 205 Introduction to Communication and Culture (3 cr.)
- CMCL-C 225 Discussion and Decision Making (3 cr.)
- CMCL-C 228 Argumentation and Advocacy (3 cr.)
- CMCL-C 229 Ways of Speaking (3 cr.)
- THTR-T 120 Acting I (3 cr.)
- BUS-X 104 Business Presentations (3 cr.)

**Quantitative** (12 cr.)

**Computer Course** (One of the following courses)

- SPEA-V 261 Computers in Public Affairs (3 cr.)
- BUS-K 201 The Computer in Business (3 cr.)

Each of the following courses:

- SPEA-K 300 Statistical Techniques (3cr.)
- ECON-E 201 Introduction to Microeconomics (3 cr.)
- ECON-E 202 Introduction to Macroeconomics (3 cr.)

**American Government Foundations (3 cr.)**

- POLYS-Y 103 Introduction to American Politics (3 cr.)

**General Electives**

Additional courses beyound the general education, core, and major requirements are needed to complete the minimum of 120 hours required for the degree.

*Suggested courses include:*

- AMID-F 402 Collection Management for Historic Textiles and Costume
- AMID-F 403 Practicum on Collection Management
- ANTH-A 403 Introduction to Museum Studies
- ANTH-P 401 Cultural Resource Management
- BUS-L 250 Law and the Arts
- BUS-L 315 Law of Entertainment
- FINA-U 400 Sources and Resources: Professional Skills in Fine Arts
- THTR-T 428 Production and Event Management

**Arts Core Requirement** (Eight courses for a minimum of 24 credit hours)

Students are to select an area of arts specialization consisting of a minimum of 12 credit hours in one arts specialty. The remaining credit hours can be applied to any arts areas of the students' choosing. Suggested areas of specialization include: Anthropology, Art History, Dance, Ethnomusicology, Folklore, Music, Studio Fine Art, and Theater. Other proposed areas of arts interest will be considered by the faculty. At least 12 credit hours of the 24 Arts Core required credits should be in advanced level work (300 level or higher).

**Management Core** (Three courses for a minimum of 9 credit hours)

The following course:

- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)

One of the following courses:

- SPEA-V 246 Elements of Governmental and Nonprofit Financial Accounting Cycles (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)

One of the following courses:

- SPEA-V 220 Law and Public Affairs (3 cr.)
- BUS-L 201 Legal Environment of Business (3 cr.)

**Arts Management Core** (Nine courses for a minimum of 27 credit hours)

The following courses:

- SPEA-A 163 Art Worlds: Management, Markets, and Policy (3 cr.)
- SPEA-A 354 Arts Marketing Fundamentals (3 cr.)

Seven courses from the following:

- SPEA-A 236 Music Industry I (3 cr.)
- SPEA-A 241 Inside Community Arts Organizations (3 cr.)
- SPEA-A 336 Music Industry II (3 cr.)
- SPEA-A 405 Programming in the Performing Arts (3 cr.)
- SPEA-A 450 Contemporary Topics in Arts Administration (3 cr.)
- SPEA-A 459 Public Policy and the Arts (3 cr.)
- SPEA-A 464 The Economics and Administration of Arts Organizations (3 cr.)
- SPEA-A 482 Overseas Topics in Arts Management (0-15 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 366 Managing Behavior in Organizations (3 cr.)
- SPEA-V 373 Human Resource Management (3 cr.)
- SPEA-V 377 Legal Process and Contemporary Issues in America (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 438 Mass Media and Public Affairs (3 cr.)
- SPEA-V 458 Fund Development (3 cr.)
- SPEA-V 473 Management, Leadership, and Policy (3 cr.)
- AADM-Y 412 Opera Management (3 cr.)

**Experiential Requirement**

- SPEA-V 252 Career Development and Planning
- SPEA-V 381 Professional Experience

Each student is required to complete an internship experience. Internships give students an excellent opportunity to apply classroom theory and techniques to real-life experiences. Students should register for SPEA-V 252 the first semester they are accepted into the program.

In order for an internship to satisfy the experiential learning requirement (V 381), students must:

- Be officially admitted to the School of Public and Environemental Affairs. Earn a passing grade in V252
- Successfully complete a minimum of one class in their major/concentration with a passing grade
- Be in overall good academic standing
- Be at least a junior
- Recieve internship approval from the Office of Career Services before beginning the internship experience

All students admitted to SPEA in the fall of 2008 and thereafter who have completed BUS-X 220 Career Perspectives or BUS-X 420 Business Career Planning/ Placement with a grade of C or higher prior to admission to SPEA are not required to complete SPEA-V 252 Career Development. These students are still required to register for and complete an internship experience. Specific enrollment instructions and authorization will be provided to these students by SPEA Career Services.

All student admitted to SPEA in the fall of 2008 and thereafter who have completed either ASCS-Q 299 Job Search Strategies for Liberal Arts Students or ASCS-Q 294 Basic Career Development **and** ASCS-Q 275 Professional Portfolio Development with a grade of "S" (passing) **prior** to admission to SPEA are not required to complete SPEA-V 252 Career Development. These students are still required to register for and complete an internship experience. Specific enrollment instructions and authorization will be provided to these students by SPEA Career Services.

**Minimum Hours and Grade Point Averages**

The B.S. in Arts Management Degree requires a minimum of 120 hours. Each student must maintain a 2.7 (B –) overall grade point average in the core and major requirements as well as a 2.3 (C+) cumulative grade point average in all course work taken at Indiana University in order to graduate.

**Admission Information**

SPEA requires students applying to its undergraduate programs to have completed 26 credit hours and a maximum of 75 credit hours. Students are required to complete the introductory course SPEA-A 163 and have a cumulative GPA of 2.7. Students should apply for admission when they are enrolled in the preadmissions course SPEA-A 163.

It is a competitive admission process. Admission decisions are based on the cumulative GPA, grade trends, and application statement. Application deadlines are May 1 for fall admission and December 1 for spring admission. Applications for this program are available on the Web at: www.indiana.edu/~spea/prospective_students/undergrad/admissions/index.shtml.

# Minors

Any Indiana University student enrolled in a bachelor's program may pursue one or more of the minors offered by the School of Public and Environmental Affairs. Individuals interested in one or more of these minors should inquire in the SPEA undergraduate advising office (SPEA 240) for additional details. Students should check with their degree-granting unit to make sure they are eligible for the SPEA minor of their choice. SPEA's multidisciplinary faculty and curricula address environmental, health, public policy, and management issues from a variety of perspectives. A minor in SPEA can enhance career opportunities for liberal arts and other majors.

**General Policies and Procedures**

Each minor requires 15 hours of specified courses with a 2.00 grade point average, and none of the courses may be taken by correspondence through the School of Continuing Studies. Admitted SPEA students earning a SPEA minor may double count up to six (6) credit hours of minor courses with any other SPEA academic program. Each SPEA minor must have at least nine (9) credit hours that do not count toward any other SPEA academic program. Non-SPEA Majors cannot double count courses with any SPEA academic program.

The following minor areas are available on the Bloomington campus:

Public and Environmental Affairs

Environmental Management
Evironmental Science
Environmental Science and Health
Health Systems Administration
Human Resources
Information Systems
Legal Studies
Management
Nonprofit Management
Policy Studies
Public Finance

**Public and Environmental Affairs Minor**
**Requirements** (Five courses)

One of the following courses:

- SPEA-V 160 National and International Policy (3 cr.)
- SPEA-V 161 Urban Problems and Solutions (3 cr.)

One of the following courses:

- SPEA-E 162 Environment and People (3 cr.)
- SPEA-E 272 Introduction to Environmental Sciences (3 cr.)

Three of the following courses:

- SPEA-E 272 Introduction to Environmental Sciences (3 cr.) *If not used above*
- SPEA-E 400 Topics in Environmental Studies (3 cr.) *May be repeated*
- SPEA-V 220 Law and Public Affairs (3 cr.)
- SPEA-V 263 Public Management (3 cr.)
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 444 Public Administrative Organization (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) *May be repeated.*
  **or** other courses in public or environmental affairs approved by a SPEA advisor.

**Environmental Management Minor**

**Requirements** (Five courses)

The following courses:

- SPEA-E 272 Introduction to Environmental Sciences (3 cr.)
- SPEA-E 363 Environmental Management (3 cr.)

One of the following courses:

- SPEA-E 311 Introduction to Risk Assessment and Risk Communication (3 cr.)
- SPEA-E 340 Environmental Economics and Finance (3 cr.)
- SPEA-E 465 Environmental Management in the Tropics (3 cr.)
- SPEA-E 466 International and Comparative Environmental Policy (3 cr.)
- SPEA-E 476 Environmental Law and Regulation (3 cr.)

Two additional courses chosen from the above list or the following courses:

- SPEA-E 325 Computing for Environmental Scientists (2 cr.)
- SPEA-E 355 Introduction to Limnology (3 cr.)
- SPEA-E 400 Topics in Environmental Studies (3 cr.) *May be repeated*
- SPEA-E 410 Introduction to Environmental Toxicology (3 cr.)
- SPEA-E 411 Introduction to Groundwater Hydrology (3 cr.)
- SPEA-E 412 Risk Communication (3 cr.)

- SPEA-E 419 Applied Remote Sensing of the Environment (3 cr.)
- SPEA-E 422 Urban Forest Management (3 cr.)
- SPEA-E 431 Water Supply and Wastewater Treatment (3 cr.)
- SPEA-E 440 Wetlands: Biology and Regulation (3 cr.)
- SPEA-E 451 Air Pollution and Control (3 cr.)
- SPEA-E 452 Solid and Hazardous Waste Management (3 cr.)
- SPEA-E 456 Lake and Watershed Management (3 cr.)
- SPEA-E 457 Introduction to Conservation Biology (3 cr.)
- SPEA-E 460 Fisheries and Wildlife Management (3 cr.)
- SPEA-E 461 Fisheries and Wildlife Management Laboratory (3 cr.)
- SPEA-E 475 Techniques in Environmental Science (3 cr.)
- SPEA-H 316 Environmental Health (3 cr.)
- SPEA-V 401 Financial and Cost-Benefit Analysis (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)

**Environmental Science and Health Minor**
**Requirements** (Five courses)

The following courses:

- SPEA-E 272 Introduction to Environmental Sciences (3 cr.)
- SPEA-H 316 Environmental Health (3 cr.)

Three of the following courses:
- SPEA-E 311 Introduction Risk Assessment and Risk Communication (3 cr.)
- SPEA-E 316 Insects and the Environment (3 cr.)
- SPEA-E 324 Controversies in Environemental Health (3 cr.)
- SPEA-E 375 Techniques of Environmental Science (3 cr.)
- SPEA-E 410 Introduction to Environment Toxicology (3 cr.)
- SPEA-E 431 Water Supply and Wastewater Treatment (3 cr.)
- SPEA-E 451 Air Pollution and Control (3 cr.)
- SPEA-E 452 Solid and Hazardous Waste Management (3 cr.)
- **Or** other courses in environmental science and health approved by a SPEA advisor.

**Health Systems Administration Minor**

**Requirements** (Five courses)

The following courses:

- SPEA-H 124 Health Care Management and Policy (3 cr.
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.

Three of the following courses:

- SPEA-H 352 Health Finance I (3 cr.)
- SPEA-H 353 Health Finance II (3 cr.)
- SPEA-H 354 Health Economics (3 cr.)
- SPEA-H 401 Strategic Planning for Health Care Organizations (3 cr.)
- SPEA-H 402 Hospital Administration (3 cr.)
- SPEA-H 411 Long-Term Care Administration (3 cr.)
- SPEA-H 432 Health Care Marketing (3 cr.)
- SPEA-H 455 Topics in Public Health (3 cr.) May be repeated
- SPEA-H 456 Health Care Reimbursement (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)

**Human Resources Minor**

**Requirements** (Five courses)

Each of the following courses:
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs: Strategic Human Resource Management (3 cr.)

One of the following courses:

- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 436 Communication for Government and Nonprofit Organizations (3 cr.)
- SPEA-V 443 Managing Workforce Diversity (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (approved topics) (3 cr.) *May be repeated*
- SPEA-V 463 Interpersonal Relations in the Workplace (1-4 cr.)

**Information Systems Minor**

**Requirements** (Five courses)

The following courses:
- SPEA-V 261 Computers in Public Affairs (3 cr.)
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 475 Database Management Systems (3 cr.)

Two of the following courses:

- SPEA-E 325 Computing for Environmental Scientists (2 cr.)
- SPEA-E 418 Vector-Based Geographic Information Systems (3 cr.)
- SPEA-E 419 Applied Remote Sensing of the Environment (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (approved topics) (3 cr.) *May be repeated*
- SPEA-V 461 Computer Applications in Public Affairs (3 cr.)
- SPEA-V 465 Geographic Information Systems for Public and Environmental Affairs (3 cr.)
- or other courses in information systems approved by a SPEA faculty advisor.

**Legal Studies Minor**

**Requirements** (Five courses)

Both of the following courses:
- SPEA-V 220 Law and Public Affairs (3 cr.)
- SPEA-V 377 Legal Processes and Contemporary Issues in America (3 cr.)

Three of the following courses:

- SPEA-V 405 Public Law and the Legislative Process (3 cr.)
- SPEA-V 406 Public Law and the Electoral Process (3 cr.)
- SPEA-V 407 Public Law and Government Relations (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) (Approved topics) May be repeated.
- SPEA-V 456 Topics in Public Law (3 cr.) May be repeated.
- SPEA-E 476 Environmental Law and Regulation (3 cr.)
- SPEA-H 341 Legal Aspects of Health Care Administration (3 cr.)

**Management Minor**

**Requirements** (Five courses)

One of the following courses:
- SPEA-V 160 National and International Policy (3 cr.)
- SPEA-V 161 Urban Problems and Solutions (3 cr.)

The following course:
- SPEA-V 263 Public Management (3 cr.)

Three of the following courses:
- SPEA-V 220 Law and Public Affairs (3 cr.)
- SPEA-V 340 Urban Government Administration (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 368 Managing Government Operations (3 cr.)
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 436 Communication for Government and Nonprofit Organizations (3 cr.)
- SPEA-V 443 Managing Workforce Diversity (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (approved topics) (3 cr.) *May be repeated*
- SPEA-V 463 Interpersonal Relations in the Workplace (1-4 cr.)
- SPEA-V 465 Geographic Information Systems for Public and Environmental Affairs (3 cr.)
- SPEA-V 475 Database Management Systems (3 cr.)

**Nonprofit Management Minor**

**Requirements** (Five courses)

One of the following courses:

- SPEA-V 160 National and International Policy (3 cr.)
- SPEA-V 161 Urban Problems and Solutions (3 cr.)

The following course:
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)

Three of the following courses:
- SPEA-H 124 Health Care Management and Policy (3 cr.)
- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)
- SPEA-V 263 Public Management (3 cr.)
- SPEA-V 340 Urban Government Administration (3 cr.)
- SPEA-V 356 Introduction to Nonprofit Accounting and Reporting (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 436 Communication in Government and Nonprofit Organizations (3 cr.)
- SPEA-V 441 Topics in Financial Management and Policy (3 cr.) *May be repeated*
- SPEA-V 442 Topics in Budgeting or Cost Benefit (3 cr.) *May be repeated*
- SPEA-V 450 Contemporary Issues in Public Affairs (approved topics) (3 cr.) *May be repeated*
- SPEA-V 458 Fund Development for Nonprofits (3 cr.)
- SPEA-V 462 Community Development (3 cr.)
- SPEA-V 463 Interpersonal Relations in the Workplace (1-4 cr.)

**Policy Studies Minor**

**Requirements** (Five courses)

One of the following courses:
- SPEA-V 160 National and International Policy (3 cr.)
- SPEA-V 161 Urban Problems and Solutions (3 cr.)

Four of the following courses:

- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 370 Research Methods and Statistical Modeling (3 cr.)
- SPEA-V 386 Case Studies for Policy Analysis (3 cr.)
- SPEA-V 401 Financial and Cost-Benefit Analysis (3 cr.)
- SPEA-V 449 Senior Policy Seminar (3 cr.

**Public Finance Minor**

**Requirements** (Five courses)

Each of the following courses:
- SPEA-V 246 Elements of Governmental and Nonprofit Financial Accounting Cycle (3 cr.)
- SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)

- Plus one course chosen in consultation with a SPEA advisor.

## Certificate Programs

The areas of study in which certificate programs are currently available are: arts administration, environmental studies, nonprofit management*, public affairs, public health, public management*, and urban studies. The number of credits required for each certificate varies.

Arts Administration
Environmental Studies
Nonprofit Management*
Public Affairs
Public Health
Public Management*
Urban Studies
Nonprofit Leadership Alliance

### General Requirements

1. Students in good academic standing and enrolled in bachelor's programs at Indiana University are eligible to apply for a certificate at the SPEA Records Office (SPEA 253). Interested students must apply for a certificate before completing 15 credit hours of applicable course work.
2. Admitted SPEA students earning a SPEA certificate may double count up to six (6) credit hours of certificate requirements with any other SPEA academic program. The remaining SPEA certificate credit hours cannot be applied toward any other SPEA academic program. Non-SPEA majors cannot double count courses with any SPEA academic program.
3. SPEA students cannot earn a certificate in the same area as their major.
4. A grade point average of 2.0 or higher is required in all course work credited toward the certificate.

*Effective Fall 2008, the nonprofit management and public management certificates will be awarded as area certificates. Students with a certificate application on file prior to Fall 2008 will have the option to pursue as non-degree seeking.

### Certificate in Arts Administration

The School of Public and Environmental Affairs offers the Certificate in Arts Administration to provide undergraduate students in the College of Arts and Sciences and the Jacobs School of Music a coordinated set of course work and experiences in Arts Administration to complement their primary interest in the performing or visual arts. The course work for the Certificate in Arts Administration expands students' management skills and opportunities for employment while enhancing their applied experiences in the arts.

Students applying for the Certificate in Arts Administration must have completed at least 24 undergraduate credits at Indiana University and compiled a cumulative grade point average of 2.7 or higher. Certificate students are expected to have a solid background in either the performing or visual arts.

### Certificate Requirements

(21 credit hours)

The following three courses:
- SPEA-A 354 Arts Marketing Fundamentals (3 cr.)
- SPEA-V 220 Law and Public Affairs (3 cr.)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)

Select one of the following courses:
- SPEA-V 246 Elements of Governmental and Nonprofit Financial Accounting Cycle (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- BUS-L 201 Legal Environment of Business (3 cr.)
- BUS-L 250 Law and the Arts (3 cr.)

9 credit hours of the following courses:
- SPEA-A 163 Art Worlds: Management, Markets, and Policy (3 cr.)
- SPEA-A 236 Music Industry I (3 cr.)
- SPEA-A 241 Inside Community Arts Organizations
- SPEA-A 336 Music Industry II (3 cr.)
- SPEA-A 405 Programming in the Performing Arts (3 cr.)
- SPEA-A 450 Contemporary Topics in Arts Administration (3 cr.) May be repeated
- SPEA-A 459 Public Policy and the Arts (3 cr.)
- SPEA-A 464 The Economics and Administration of Arts Organizations (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 380 Internship in Public and Environmental Affairs (1-3 cr.)

**Note:** Students must have internship approved by the Arts Administration department.
- SPEA-V 438 Mass Media and Public Affairs (3 cr.)
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)
- AADM-Y 412 Opera Management (3 cr.)
- AMID-F 402 Collection Management for Historic Textiles and Costumes (3 cr.)
- AMID-F 403 Practicum on Collection Management (3 cr.)
- ANTH-A 403 Introduction to Museum Studies (3 cr.)
- ANTH-A 401 Cultural Resource Management (3 cr.)
- BUS-L 315 The Business and Law of Entertainment and Sports (3 cr.)
- FINA-U 400 Sources and Resources: Professional Skills in Fine Arts (3 cr.)
- THTR-T 428 Production and Events Management (3 cr.)

**Note:** Additional Arts Administration courses are still in development. For additional information, contact the SPEA Undergraduate office at (812) 855-0635.

### Certificate in Environmental Studies

This certificate introduces students to selected aspects of current thinking and research on the nature and causes of and solutions to environmental problems. Students desiring greater depth should consider an Environmental Management major in SPEA.

**Certificate Requirements**
(Nine courses)

One course in chemistry or physics.

One of the following courses:
- GEOG-G 107 Physical Systems of the Environment (3 cr.)
- GEOL-G 103 Earth Science: Materials and Processes (3 cr.)
- GEOL-G 111 Physical Geology (3 cr.)

The following courses:
- BIOL-L 350 Environmental Biology (3 cr.)
- ECON-E 201 Introduction to Microeconomics (3 cr.)
- ECON-E 202 Introduction to Macroeconomics (3cr.)
- SPEA-E 363 Environmental Management (3 cr.)
- SPEA-E 400 Topics in Environmental Studies (3 cr.) May be repeated

Two additional courses selected from the following:
- SPEA-E 272 Introduction to Environmental Sciences (3 cr.)
- SPEA-E 400 Topics in Environmental Studies (3 cr.) May be repeated
- SPEA-E 455 Limnology (4 cr.)
- SPEA-H 316 Environmental Health (3 cr.)
- ANTH-E 427 Cultural Ecology (3 cr.)
- BIOL-L 473 Ecology (3 cr.)
- CHEM-C 101 Elementary Chemistry I (3 cr.) **or** CHEM-C 117 Principles of Chemistry and Biochemistry I (5 cr.)
- CHEM-C 341 Organic Chemistry Lectures I (3 cr.)
- ECON-E 308 Survey of Public Finance (3 cr.)
- ECON-E 385 Economics of Industry (3 cr.)
- GEOG-G 235 Introductory Geographical Methods (3 cr.)
- GEOG-G 304 Physical Meteorology and Climatology (3 cr.)
- GEOG-G 315 Environmental Conservation (3 cr.)
- GEOG-G 320 Population Geography (3 cr.)
- GEOG-G 350 Instrumentation and Field Methods in Atmospheric Science (3 cr.)
- GEOG-G 405 Hydroclimatology (3 cr.)
- GEOG-G 407 Climate Dynamics (3 cr.)
- GEOL-G 300 Environmental and Urban Geology (3 cr.)
- GEOL-G 316 Mineral Fuels and Materials (3 cr.)
- GEOL-G 406 Introduction to Geochemistry (3 cr.)
- GEOL-G 415 Geomorphology (3 cr.)
- GEOL-G 451 Principles of Hydrogeology (3 cr.)
- HPER-R 372 Interpretive Resources and Techniques (3 cr.)
- SPEA/CJUS/MATH/PSY-K 300 Statistical Techniques (3 cr.) **or** MATH/PSY-K 310 Statistical Techniques (3 cr.)
- PHYS-P 201 General Physics I (5 cr.)
- PHYS-P 120 Energy and Technology (3 cr.)
- PHYS-P 310 Environmental Physics (3 cr.)
- SOC-S 305 Population (3 cr.)

**Certificate in Nonprofit Management**

The nonprofit sector is a dynamic and rapidly expanding area. The Certificate in Nonprofit Management allows students to take part in coursework specifically concerned with the nonprofit sector and geared toward preparing them for careers in nonprofit organizations. The certificate is designed so that students who complete the Nonprofit Leadership Alliance program will also meet the requirements for the Certificate in Nonprofit Management.

**Certificate Requirements**
(Five courses)

This certificate has a requirement of 15 credit hours and must be selected from the following categories. Courses listed with an asterisk (*) are included in the Nonprofit Leadership Alliance program. Alternate courses may be substituted with the approval of a SPEA advisor.

**Nonprofit Institutions** (Minimum of 3 credit hours)

- *SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)

**Nonprofit Management** (Minimum of 6 credit hours)
The following course:

- *SPEA-V 362 Nonprofit Management and Leadership (3 cr.)

One of the following courses:

- SPEA-V 246 Elements of Governmental and Nonprofit Financial Accounting Cycle (3 cr.)
- *SPEA-V 356 Introduction to Nonprofit Accounting and Reporting (3 cr.)
- SPEA-V 401 Financial and Cost-Benefit Analysis (3 cr.)
- *SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)

**Nonprofit Field** (Minimum of 3 credit hours)

Select one course from a special feature of a nonprofit field, service area, or industry. Examples include:

**Community Development**

- SPEA-V 340 Urban Government Administration (3 cr.)
- SPEA-V 462 Community Development (3 cr.)

**Environment**

- SPEA-E 162 Environment and People (3 cr.)
- SPEA-E 363 Environmental Management (3 cr.)

**Health**

- SPEA-H 124 Health Care Management and Policy (3 cr.)
- SPEA-H 316 Environmental Health (3 cr.)

**Human Services**

- *EDUC-P 314 Life Span Development (3 cr.)
- HPER-F 150 Introduction to Life Span Development (3 cr.)
- POLS-Y 326 American Social Welfare Policy (3 cr.)
- PSY-P 315 Developmental Psychology (3 cr.)
- SWK-S 352 Social Welfare Delivery Systems (3 cr.)

**Internship** (Minimum of 3 credit hours)

- *SPEA-V 380 Internship in Public and Environmental Affairs (1-6 cr.) *For non-SPEA students* **or** *SPEA-

V 381 Professional Experience (1-6 cr.) *For SPEA students only*.

Note: Students must intern with a nonprofit organization.

**Certificate in Public Affairs**

The School of Public and Environmental Affairs offers the Certificate in Public Affairs to provide an overview of the study of public policy, governmental organization, and public management as an enhancement to the major area of study in a student's undergraduate program. The interdisciplinary program requires 27 credit hours, of which at least 15 but not more than 21 credit hours must be in SPEA courses.

**Certificate Requirements**
(Nine courses)

The following courses:

- SPEA-V 160 National and International Policy (3 cr.)
- SPEA-V 161 Urban Problems and Solutions (3 cr.)

One of the following courses:

- SPEA-E 162 Environment and People (3 cr.)
- SPEA-E 272 Introduction to Environmental Sciences (3 cr.)

A total of two courses from groups A, B, and C, with no more than one course from any group.

A. Organizational Behavior

- BUS-Z 302 Managing and Behavior in Organizations (3 cr.)

B. Public Administration

- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)

C. Law

- SPEA-V 220 Law and Public Affairs (3 cr.)
- BUS-L 201 Legal Environment of Business (3 cr.)
- CJUS-P 370 Legal Aspects of Criminal Justice Systems I (3 cr.)
- POLS-Y 304 American Constitutional Law I (3 cr.)
- POLS-Y 305 American Constitutional Law II (3 cr.)

Choose any four of the following courses:

*Public Affairs*

- SPEA-V 260 Topics in Public Affairs (approved topics) (3 cr.)
- SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 441 Topics in Financial Management and Policy (3 cr.) May be repeated
- SPEA-V 442 Topics in Budgeting or Cost/Benefit (3 cr.) May be repeated
- SPEA-V 444 Public Administrative Organization (3 cr.)
- SPEA-V 449 Senior Policy Seminar (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (approved topics) (3 cr.) May be repeated
- SPEA-V 378 Policy Processes in the United States (3 cr.)

*Criminal Justice*

- CJUS-P 100 Introduction to Criminal Justice (3 cr.)
- CJUS-P 381 History of Social Control in the U.S. (3 cr.)

*Geography*

- GEOG-G 412 Urban Transportation Analysis (3 cr.)
- GEOG-G 414 Regional Transport Systems (3 cr.)
- GEOG-G 415 Advanced Urban Geography (3 cr.)

*Political Science*

- POLS-Y 200 Contemporary Political Topics (3 cr.)
- POLS-Y 302 Public Bureaucracy in Modern Society (3 cr.)
- POLS-Y 306 State Politics in the United States (3cr.)
- POLS-Y 394 Public Policy Analysis (3 cr.)

*Sociology*

- SOC-S 320 Deviant Behavior and Social Control (3 cr.)
- SOC-S 325 Criminology (3 cr.)
- SOC-S 326 Law and Society (3 cr.)
- SOC-S 361 Cities and Suburbs (3 cr.)

**Certificate in Public Health**

The curriculum is designed to provide students with a basic understanding of environmental health issues, current health policies, and the structure of the medical care delivery system.

**Certificate Requirements**
(Six courses)

The following three courses:

- SPEA-H 124 Health Care Management and Policy (3 cr.)
- SPEA-H 316 Environmental Health (3 cr.)
- HPER-H 311 Human Diseases and Epidemiology (3 cr.)

Three of the following courses:

- SPEA-E 400 Topics in Environmental Studies (approved topics) (3 cr.) *May be repeated*
- SPEA-E 410 Introduction to Environmental Toxicology (3 cr.)
- SPEA-E 431 Water Supply and Wastewater Treatment (3 cr.)
- SPEA-E 451 Air Pollution and Control (3 cr.)
- SPEA-E 452 Solid and Hazardous Waste Management (3 cr.)
- SPEA-H 341 Legal Aspects of Health Care Administration (3 cr.)
- SPEA-H 401 Strategic Planning for Health Care Organizations (3 cr.)

- SPEA-H 402 Hospital Administration (3 cr.)
- SPEA-H 411 Long-Term Care Administration (3 cr.)
- SPEA-H 432 Health Care Marketing (3 cr.)
- SPEA-H 455 Topics in Public Health (3 cr.) *May be repeated*
- SPEA-H 456 Health Care Reimbursement (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (approved topics) (3 cr.) *May be repeated*
- HPER-C 403 Public Health Program Planning (3 cr.)

**Certificate in Public Management**

This curriculum provides students a systematic program in Public Management and gives them an understanding of how to work in and with public organizations.

**Certificate Requirements**
(Six courses)

One of the following courses:

- SPEA-V 160 National and International Policy (3 cr.)
- POLS-Y 103 Introduction to American Politics (3 cr.)

The following course:

- SPEA-V 263 Public Management (3 cr.)

Four of the following courses:

- SPEA-V 220 Law and Public Affairs (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 368 Managing Government Operations (3 cr.)
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 436 Communication for Government and Nonprofit Organizations (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (approved topics) (3 cr.)
- SPEA-V 463 Interpersonal Relations in the Workplace (1-4 cr.)

**Certificate in Urban Studies**

The undergraduate Urban Studies Certificate Program introduces students to contemporary knowledge of urban society, urban policy, and urban development.

**Certificate Requirements**
(Eight courses)

The following three courses:

- SPEA-K 300 Statistical Techniques or approved option (3 cr.)
- SPEA-V 161 Urban Problems and Solutions (3 cr.)
- SPEA-V 340 Urban Government Administration (3 cr.)

Two courses from one of the following groups:

*Urban Finance*

- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 442 Topics in Budgeting or Cost-Benefit (3 cr.)

*Urban Development and Policy*

- POLS-Y 308 Urban Politics (3 cr.)
- BUS-R 300 Principles of Real Estate (3 cr.)

*Urban Society*

- SOC-S 309 The Community (3 cr.)
- SOC-S 361 Cities and Suburbs (3 cr.)

*Urban Management*

- SPEA-V 226 Managing Emergency Services (3 cr.)
- GEOG-G 415 Advanced Urban Geography (3 cr.)

*Urban Transportation*

- GEOG-G 406 Sustainable Transportation Policy (3 cr.)
- GEOG-G 412 Urban Transportation Analysis (3 cr.)

Three additional courses from the above list or one from the above list and the following two courses:

- SPEA-V 450 Contemporary Issues in Public Affairs (approved topics) (3 cr.)
- HIST-A 347 American Urban History (3 cr.)

**Nonprofit Leadership Alliance Certificate in Nonprofit Management and Leadership**

The School of Public and Environmental Affairs, in partnership with Nonprofit Leadership Alliance, offers certification in nonprofit management. Students may also simultaneously enroll in the Nonprofit Management Certificate, offered by Indiana University, through SPEA. This certification prepares undergraduate college students for professional careers in the expanding job market of nonprofits. Upon completion of the Nonprofit Leadership Alliance program, students will be certified, through Nonprofit Leadership Alliance, for possible positions of leadership with collaborating organizations such as the YMCA, American Red Cross, Big Brothers/Big Sisters, Girl Scouts of the USA, and many other nonprofit agencies at both the local and national level.

This certificate program requires the demonstration of a prescribed set of knowledge and skill competencies and the completion of a 300-hour internship program. The certificate may be obtained through the completion of the following academic requirements and co-curricular requirements.

**Academic Requirements**

(Eight courses for a minimum of 20 credit hours)

The following courses are recommended to fulfill competencies and contact hours requirements:

1. *Nonprofit Management*

The following two courses:

- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.) (B)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.) (B)

2. *Nonprofit Management Field*

Select one 200-level or higher course from a special feature of a nonprofit field, service area, or industry. Examples include:

*Urban Community Development*

- SPEA-V 340 Urban Government Administration (3 cr.) (F)
- SPEA-V 462 Community Development (3 cr.) (S)
- SWK-S 352 Social Welfare Delivery Systems (3 cr.) (S)
- Youth and Adult Development
- EDUC-P 314 Life Span Development (3 cr.) (S)
- PSY-P 315 Developmental Psychology (3 cr.) (F)

*International Development*

- INTL-I 204 Human Rights and Social Movements: International Perspective (3 cr.) (S) Health Development
- SPEA-H 124 Health Care Management and Policy (3 cr.) (B)

3. *Nonprofit Accounting and Financial Management*

Select one of the following courses:

- SPEA-V 246 Elements of Governmental and Nonprofit Financial Accounting Cycle (3 cr.) (B)
- BUS-A 200 Foundations of Accounting (3 cr.) (B)

4. *American Humanics Management Institute*

The following course:

- SPEA-V 267 American Humanics Management Institute (1 cr.) (F)

5. *Personal Career Planning*

The following course:

- SPEA-V 252 Career Development (1-3 cr.) (B) or a comparable career planning course

6. *Fundraising*

One of the following fundraising courses:

- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.) (F)
- HPER-T 101 Resource Development/Fundraising (3 cr.) (B)

7. *Internship with Nonprofit Organizations*

- SPEA-V 388 American Humanics Internship (3 cr.) (B)

Minimum of 300 intern hours.

Consult the American Humanics director as credit is available through individual departments.

F = course only offered fall semester
S = course only offered spring semester
B = course offered both semesters

**Co-Curricular Requirements**

Co-Curricular activities are a requirement of the Nonprofit Leadership Alliance Program and include:

Students interested in learning more about the certificate should contact the Nonprofit Leadership Alliance director in SPEA 220 or a SPEA academic advisor.

- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.) (F)
- HPER-T 101 Resource Development/Fundraising (3 cr.) (B)

One of the following fundraising courses:

- SPEA-V 252 Career Development (1-3 cr.) (B) or a comparable career planning course

The following course:

- SPEA-V 267 American Humanics Management Institute (1 cr.) (F)

The following courses:

- SPEA-V 246 Elements of Governmental and Nonprofit Financial Accounting Cycle (3 cr.) (B)
- BUS-A 200 Foundations of Accounting (3 cr.) (B)

Select one of the following courses:

- SPEA-V 340 Urban Government Administration (3 cr.) (F)
- SPEA-V 462 Community Development (3 cr.) (S)
- SWK-S 352 Social Welfare Delivery Systems (3 cr.) (S)
- Youth and Adult Development
- EDUC-P 314 Life Span Development (3 cr.) (S)
- PSY-P 315 Developmental Psychology (3 cr.) (F)
- INTL-I 204 Human Rights and Social Movements: International Perspective (3 cr.) (S) Health Development
- SPEA-H 124 Health Care Management and Policy (3 cr.) (B)

Select one 200-level or higher course from a special feature of a nonprofit field, service area, or industry. Examples include:

*Urban Community Development*
*International Development*

- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.) (B)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.) (B)

# Indianapolis Campus

- Bachelor of Science in Public Affairs (B.S.P.A)
- Bachelor of Science in Criminal Justice (B.S.C.J.)
- Minors
- Certificate Programs

Indiana University founded the School of Public and Environmental Affairs (SPEA) more than 40 years ago to prepare students to address the issues of modern society in ways that more traditional schools overlooked. At SPEA, people learn how to work in government, nonprofit and business roles to make positive changes in their communities, their states, their countries and the world.

SPEA graduates lead the organizations that make and enforce laws, keep communities livable and safe, shape smart public policy, protect the planet and help our fellow

citizens. Through the combined study of civic leadership, management, policy studies, public affairs and media, criminal justice and public safety, SPEA students develop both the practical and philosophical skills that prepare them to develop solutions to society's problems.

SPEA Indianapolis offers two bachelor's degrees: a Bachelor of Science in Public Affairs (BSPA) and a Bachelor of Science in Criminal Justice (BSCJ).

Within the Public Affairs degree, you can major in Civic Leadership, Management, Policy Studies or Media and Public Affairs. BSPA students learn how to address issues in government and nonprofit settings and prepare to become leaders in their communities, organizations and businesses. Careers for SPEA graduates with a BSPA include legislative staffer, urban planner, director of a nonprofit, lobbyist or financial or policy analyst. Others work in public affairs or government affairs for private companies or nonprofits. Still other BSPA graduates continue their educations in law, planning, public affairs or environmental management.

Within Criminal Justice, you can major in Criminal Justice or Public Safety Management.

The Criminal Justice major gives students a broad and layered understanding of the history, operations and implications of criminal justice in America. You will be trained to address pressing societal needs related to law enforcement, the judicial system, corrections and national security. With a BSCJ in Criminal Justice, you might work in law enforcement management at the local, state and federal levels, as well as in the courts, prisons and victim advocacy programs.

The Public Safety Management major covers the administration of emergency services, the principles of public safety and the art of decision-making. Public Safety Management graduates work in public safety agencies as well as private companies that focus on public management, emergency services, solid and hazardous waste management, public health and more.

Both majors are also excellent preparation for pursuing graduate studies in law or criminal justice.

## Bachelor of Science (B.S.) in Public Affairs

Students pursuing the **Bachelor of Science in Public Affairs** (B.S.P.A.) may major in Civic Leadership, Media and Public Affairs, Management, Policy Studies, or Sustainable Management and Policy. Public Affairs majors focus on how we provide for our citizen, making our communities better places to live, work and raise a family. Public Affairs students study and analyze government policies, and learn how to manage government and nonprofit organizations.

- A **Civic Leadership** major teaches students how individuals and organizations can work together to provide for their communities. Graduates often work in public service roles - leading businesses, nonprofit organizations or government agencies. This major is ideal for pre-law student, or students interested in advocacy or community leadership.
- **Media and Public Affairs** gives students an in-depth understanding of governance plus the skills needed to use today's media to communicate to customers, constituents, employees, supporters, opponents and the many other audiences involved in shaping effective public policy. Students who major in Media and Public Affairs will be prepared for careers as public information officers; government affairs personnel for private or nonprofit organizations; public administrators at the local, state, and federal level; lobbyists; representatives of trade organizations; and reporters for various media on the subjects of public affairs, public administration, public policy personnel and decisions. This major teaches anyone who intends to go in to management (public, private or nonprofit) or who will work in the policy area, when and how to deploy traditional and new media tools to achieve their goals.
- A **Management** major teaches some of the things you'd learn in a business school, but you get the additional benefit of leaning how public agencies and nonprofit organizations operate. This holistic approach helps graduates move seamlessly between business, nonprofit and government management roles.
- A **Policy Studies** major prepares students to analyze and assess the usefulness of existing and proposed laws. This major emphasizes critical thinking skills. Graduates often go on to law school or directly into positions in government or government relations.
- A  major gives students a solid understanding of public affairs, finance, policy-making and civic engagement, combined with specialized classes in the principles of sustainability, environmental justice and green technologies. Graduates of the program will find employment in the growing field of sustainability by assuming community and government roles, working for environmental nonprofit groups, owning or managing "green" businesses, and conducting research and legislative analysis. This major is also an excellent choice for a pre-law student.

### Civic Leadership (B.S.P.A.)

The Bachelor of Science in Public Affairs in Civic Leadership requires 120 credit hours. The SPEA curriculum is divided into three categories: general education, electives, and major area. Public Affairs majors focus on how we provide for our citizens, making our communities better places to live, work and raise a family. Public Affairs students study and analyze government policies, and learn how to manage government and nonprofit organizations. A Civic Leadership major teaches students how individuals and organizations can work together to provide for their communities. Graduates often work in public service roles - leading businesses, nonprofit organizations or government agencies. This major is ideal for pre-law students, or students interested in advocacy or community leadership.

#### 1. Communications (3 courses; 9 cr.)

- ENG-W 131 Elementary Composition I (3 cr.)
- COMM-R 110 Fundamentals of Speech Communication (3 cr.)

Choose **one** course:

- BUS-X 204 Business Communications (3 cr.)
- ENG-W 231 Professional Writing Skills (3 cr.)

**2. Quantitative Methods (5 courses; 15 cr.)**
Choose **one** computer course:

- SPEA-V 261 Computers in Public Affairs (3 cr.)
- BUS-K 201 The Computer in Business (3 cr.)

Select **one** mathematics courses:

- MATH-M 118 Finite Mathematics (3 cr.)
- MATH-M 119 Survey of Calculus I (3 cr.)
- MATH 15300 Algebra and Trigonometry I (3 cr.)
- MATH 15400 Algebra and Trigonometry II (3 cr.)

Choose **one** statistics course:

- SPEA-K 300 Statistical Techniques (3 cr.)
- ECON-E 270 Intro to Stat Theory Econ & Bus (3 cr.)
- PSY-B 305 Statistics (3 cr.)
- STAT 301 Elem. Stat Method I (3 cr.)
- SOC-R 359 Sociological Statistics (3 cr.)

Select **one** accounting course:

- BUS-A 200 Foundations of Accounting (3 cr.)
- BUS-A 201 Introduction to Financial Accounting (3 cr.)

Select **one** research methods course:

- SPEA-V 370 Research Methods and Statistical Research (3 cr.)
- SPEA-J 202 Criminal Justice Data, Methods and Resources (3 cr.)

**3. Social Sciences, Humanities & Natural Sciences (3 courses; 9 cr.)**

- POLS-Y 103 Intro to American Politics (3 cr.)
- ECON-E 201 Intro to Microeconomics (3 cr.)
- ECON-E 202 Into to Macroeconomics (3 cr.)

***CHOOSE EITHER 3A OR 3B***

**3A. Option 1: Language Option - Recommended (13-15 cr.)**
Complete first-year foreign language requirements:

1. Three foreign language 100-level courses OR
2. Complete a 200-level or 300-level foreign lanuage course with a grade of C or better OR
3. Complete placement test, placing into 200-level or higher; this waives 100-level requirement but does not carry credit toward graduation

Choose **one** Natural Science course (3-5 cr.) - *select from list below*

Students only required to complete three credits, however if lab course is taken, may have up to five credits.

**3B. Option 2: No Foreign Language (15-17 cr.)**
Choose **one** of the following courses:

- HIST-H 105 American History I (3 cr.)
- HIST-H 106 American History II (3 cr.)
- HIST-H 108 Perspectives on the World to 1800 (3 cr.)
- HIST-H 114 History of Western Civilization II (3 cr.)
- ANTH-A l04 Culture and Society (3 cr.)
- CLAS-C 205 Classical Mythology (3 cr.)
- FLAC-F 200 World Cultures through Literature (3 cr.)
- GEOG-G 110 Introduction to Human Geography (3 cr.)
- REL-R 133 Introduction to Religions (3 cr.)
- REL-R 212 Comparative Religion (3 cr.)

Choose **two** Natural Science courses (one w/lab) - *select from list below*

Choose **two** Social Science/Humanities courses - *select from list below*

**4A. Civic Leadership Major (16 courses; 45-48 cr.)**
*NOTE: A minimum of 15 courses are required in the major.*

**Required** courses:

- SPEA-V 170 Introduction to Public Affairs (3 cr.)
- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)
- SPEA-V 264 Urban Structure and Policy (3 cr.)
- SPEA-V 376 Law and Public Policy (3 cr.)
- SPEA-V 382 Political Action and Civic Engagement (3 cr.)

Select **one** of the following:

- SPEA-V 263 Public Management (3 cr.)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)

Select **one** of the following:

- SPEA-V 378 Policy Processes in the United States (3 cr.)
- SPEA-V 408 Individual Rights, Common Goods and Public Policies (3 cr.)
- SPEA-V 438 Mass Media and Public Affairs (3 cr.)

Select **two** of the following:

- SPEA-V 412 Leadership and Ethics (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 443 Managing Workforce Diversity (3 cr.)

Choose **one** Capstone course:

- SPEA-V 473 Management, Leadership, and Policy (3 cr.)
- SPEA-V 450 Indiana Leadership Seminar (3 cr.)

**Required** Internship courses:

- SPEA-V 380 Internship in Public and Environmental Affairs (1-6 cr.)
- SPEA-V 252 Career Development & Planning (2 cr.)

**4B. Emphasis Area (12 cr. minimum)**
The four courses (12 credit hours) must be chosen in consultation with a faculty advisor to allow the student to study a sector, policy, or skill in depth. At least two courses must be 300-level or above.

Choose a concentration and at least **four** courses:

Nonprofit and Community Leadership

- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)

- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.)
- SPEA-V 458 Fund Development for Nonprofits (3 cr.)
- POLS-Y 301 Political Parties and Interest Groups (3 cr.)

Political Process and Civic Leadership

- SPEA-V 378 Policy Processes in the United States (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 408 Individual Rights, Common Goods and Public Policies (3 cr.)
- POLS-Y 317 Voting, Elections, and Public Opinion (3 cr.)

International Affairs

- SPEA-V 272 Terrorism and Public Policy (3 cr.)
- POLS-Y 219 Introduction to International Relations (3 cr.)
- POLS-Y 375 War and International Conflict (3 cr.)
- POLS-Y 377 Globalization (3 cr.)

Legal Studies

- POLS-Y 211 Introduction to Law (3 cr.)
- POLS-Y 221 Leg Res/ Writing/ Paralegal Studies (3 cr.)
- POLS-Y 304 Constitutional Law (3 cr.)
- POLS-Y 305 Constitutional Rights and Liberties (3 cr.)
- SPEA-J 301 Substantive Criminal Law (3 cr.)
- SPEA-J 302 Procedural Criminal Law (3 cr.)

## Important Notes

Students may transfer to IUPUI School of Public & Environmental Affairs once they acquire 12 credit hours, have a cumulative GPA of 2.3 in SPEA major courses (listed in requirement section #4A & #4B), an overall cumulative GPA of 2.0 and a previous semester GPA of 2.0.

SPEA Good Standing requires: a previous semester 2.0 GPA, a cumulative 2.0 GPA, as well as 2.3 GPA in SPEA major courses (listed in requirement section #4A & #4B).

Please see your SPEA Academic Advisor with any questions. To make an appointment with your advisor, call SPEA Student Services at 317-274-4656.

## Natural Science Course List

- ANTH-A 103 Human Origins and Prehistory (3 cr.)
- AST-A 100 The Solar System (3 cr.)
- AST-A 105 Stars and Galaxies (3 cr.)
- BIOL-K 101 Concepts of Biology I - Plants (5 cr.) - *w/ lab*
- BIOL-K 103 Concepts of Biology II - Animals (5 cr.) - *w/lab*
- BIOL-N 100 Contemporary Biology (3 cr.)
- BIOL-N 107 Introduction to Zoology (4 cr.) - *w/lab*
- BIOL-N 200 The Biology of Women (3 cr.)
- BIOL-N 212/213 Human Biology I (3 cr./1 cr.) - *213 lab*
- BIOL-N 214/215 Human Biology (3 cr./1 cr.) - *215 lab*
- BIOL-N 217 Human Physiology (5 cr.) - *w/lab*
- BIOL-N 251 Introduction to Microbiology (3 cr.)
- BIOL-N 322 Introductory Principles of Genetics (3 cr.)
- CHEM-C 100 World of Chemistry (3 cr.)
- CHEM-C 101/121 Elementary Chemistry I (3 cr./2 cr.) - *121 lab*
- CHEM-C 105/125 Principles of Chemistry I (3 cr./ 2 cr.) - *125 lab*
- CHEM-C 106/126 Principles of Chemistry II (3 cr./ 2 cr.) - *126 lab*
- GEOG-G 107/108 Physical Systems of the Environment (3 cr./2 cr.) - *108 lab*
- GEOG-G 303 Weather and Climate (3 cr.)
- GEOG/GEOL-G 185 Global Environmental Change (3 cr.)
- GEOL-G 107/117 Environmental Geology (3 cr./1 cr.) - *117 lab*
- GEOL-G 109/119 Fundamentals of Earth History (3 cr./1 cr.) - *119 lab*
- GEOL-G 110/120 Physical Geology (3 cr./1 cr.) - *120 lab*
- GEOL-G 115 Introduction to Oceanography (3 cr.)
- GEOL-G 132 Environmental Problems (3 cr.)
- GEOL-G 180 Dinosaurs (3 cr.)
- PHYS 10000 Physics in the Modern World (5 cr.)
- PHYS 15200 Mechanics (3 cr.)
- PHYS 20000 Our Physical Environment (3 cr.)
- PHYS 20100 General Physics I (5 cr.) - *w/lab*
- PHYS 20200 General Physics II (5 cr.) - *w/lab*
- PHYS 25100 Heat, Electricity, and Optics (5 cr.) - *w/ lab*
- PHYS 21800 General Physics I (4 cr.) - w/lab
- PHYS 21900 General Physics II (4 cr.) - *w/lab*
- PSY-B 105 Psychology as a Biological Science (3 cr.)

## Social Sciences/Humanities Course List

- AFRO-A 150 Survey of the Culture of Black Americans (3 cr.)
- ANTH-A 104 Culture and Society (3 cr.)
- CLAS-C 205 Classical Mythology (3 cr.)
- COMM-C 180 Introduction to Interpersonal Communication (3 cr.)
- ENG-G 104 Language Awareness (3 cr.)
- FILM- C 190 Introduction to Film (3 cr.)
- FLAC-F 200 World Cultures through Literature (3 cr.)
- FOLK-F 100 Introduction to Folklore (3 cr.)
- FOLK-F 101 Folklore (3 cr.)
- GEOG-G 110 Introduction to Human Geography (3 cr.)
- GEOG-G 130 World Geography (3 cr.)
- HER-H 100 Art Appreciation (3 cr.)
- HER-H 101 History of Art I (3 cr.)
- HER-H 102 History of Art II (3 cr.)
- HIST-H 105 American History I (3 cr.)
- HIST-H 106 American History II (3 cr.)
- HIST-H 108 Perspectives on the World to 1800 (3 cr.)
- HIST-H 113 History of Western Civilization I (3 cr.)

- HIST-H 117 Introduction to Historical Studies (3 cr.)
- PHST-P 105 Giving and Volunteering in America (3 cr.)
- POLS-Y 101 Principles of Political Science (3 cr.)
- POLS-Y 219 Introduction to International Relations (3 cr.)
- PSY-B 104 Introduction to Psychology as a Social Science (3 cr.)
- PSY-B 310 Life Span Development (3 cr.)
- PSY-G 380 Abnormal Psychology (3 cr.)
- SOC-R 100 Introduction to Sociology (3 cr.)
- SOC-R 121 Social Problems (3 cr.)
- SPEA-J 101 The American Criminal Justice System (3 cr.)
- WOST-W 105 Introduction to Women's Studies (3 cr.)

## Management (B.S.P.A.)

The Bachelor of Science in Public Affairs in Management requires 120 credit hours. The SPEA curriculum is divided into three categories: general education, electives, and major area. Public Affairs majors focus on how we provide for our citizen, making our communities better places to live, work and raise a family. Public Affairs students study and analyze government policies, and learn how to manage government and nonprofit organizations. A Management major teaches some of the things you'd learn in a business school, but you get the additional benefit of leaning how public agencies and nonprofit organizations operate. This holistic approach helps graduates move seamlessly between business, nonprofit and government management roles.

### 1. Communications (3 courses; 9 cr.)

- ENG-W 131 Elementary Composition I (3 cr.)
- COMM-R 110 Fundamentals of Speech Communication (3 cr.)

Choose **one** course:

- BUS-X 204 Business Communications (3 cr.)
- ENG-W 231 Professional Writing Skills (3 cr.)

### 2. Quantitative Methods (5 courses; 15 cr.)

Choose **one** computer course:

- SPEA-V 261 Computers in Public Affairs (3 cr.)
- BUS-K 201 The Computer in Business (3 cr.)

Select **one** mathematics courses:

- MATH-M 118 Finite Mathematics (3 cr.)
- MATH-M 119 Survey of Calculus I (3 cr.)
- MATH 15300 Algebra and Trigonometry I (3 cr.)
- MATH 15400 Algebra and Trigonometry II (3 cr.)

Choose **one** statistics course:

- SPEA-K 300 Statistical Techniques (3 cr.)
- ECON-E 270 Intro to Stat Theory Econ & Bus (3 cr.)
- PSY-B 305 Statistics (3 cr.)
- STAT 301 Elem. Stat Method I (3 cr.)
- SOC-R 359 Sociological Statistics (3 cr.)

Select **one** accounting course:

- BUS-A 200 Foundations of Accounting (3 cr.)
- BUS-A 201 Introduction to Financial Accounting (3 cr.)

Select **one** research methods course:

- SPEA-V 370 Research Methods and Statistical Research (3 cr.)
- SPEA-J 202 Criminal Justice Data, Methods and Resources (3 cr.)

### 3. Social Sciences, Humanities & Natural Sciences (3 courses; 9 cr.)

- POLS-Y 103 Intro to American Politics (3 cr.)
- ECON-E 201 Intro to Microeconomics (3 cr.)
- ECON-E 202 Into to Macroeconomics (3 cr.)

***CHOOSE EITHER 3A OR 3B***

### 3A. Option 1: Language Option - Recommended (13-15 cr.)

Complete first-year foreign language requirements:

1. Three foreign language 100-level courses OR
2. Complete a 200-level or 300-level foreign lanuage course with a grade of C or better OR
3. Complete placement test, placing into 200-level or higher; this waives 100-level requirement but does not carry credit toward graduation

Choose **one** Natural Science course (3-5 cr.) - *select from list below*

Students only required to complete three credits, however if lab course is taken, may have up to five credits.

### 3B. Option 2: No Foreign Language (15-17 cr.)

Choose **one** of the following courses:

- HIST-H 105 American History I (3 cr.)
- HIST-H 106 American History II (3 cr.)
- HIST-H 108 Perspectives on the World to 1800 (3 cr.)
- HIST-H 114 History of Western Civilization II (3 cr.)
- ANTH-A l04 Culture and Society (3 cr.)
- CLAS-C 205 Classical Mythology (3 cr.)
- FLAC-F 200 World Cultures through Literature (3 cr.)
- GEOG-G 110 Introduction to Human Geography (3 cr.)
- REL-R 133 Introduction to Religions (3 cr.)
- REL-R 212 Comparative Religion (3 cr.)

Choose **two** Natural Science courses (one w/lab) - *select from list below*

Choose **two** Social Science/Humanities courses - *select from list below*

### 4. Management Major (17 courses; 48-51 cr.)

**Required** courses:

- SPEA-V 170 Introduction to Public Affairs (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 376 Law & Public Policy (3 cr.)

Choose **two** courses:

- PBHL-H 316 Environmental Science & Health (3 cr.)

- PBHL-H 320 Health Systems Adminstration (3 cr.)
- SPEA-V 221 Nonprofit & Voluntary Sector (3 cr.)
- SPEA-V 264 Urban Structure and Policy (3 cr.)
- SPEA-V 375 Emergency Services Administration (3 cr.)

Choose **one** course:

- SPEA-V 263 Public Management (3 cr.)
- SPEA-V 362 Nonprofit Management & Leadernship (3 cr.)

Choose **one** course:

- SPEA-V 346 Intro to Government Accounting & Financial Reporting (3 cr.)
- SPEA-V 356 Intro to Nonprofit Accounting & Reporting (3 cr.)

### Management Electives (15 credit hours)

Choose **one** course from each section below:

Section 1

- SPEA-V 372 Government Finance & Budgets (3 cr.)
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)

Section 2

- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 379 Performance Measurement & Program Evaluation (3 cr.)

Section 3

- SPEA-V 373 Human Resource Management in the Public Sector (3 cr.)
- SPEA-V Leadership & Ethics (3 cr.)
- SPEA-V Negotiation & Alternative Dispute Resolution (3 cr.)
- SPEA-V Managing Workforce Diversity (3 cr.)

Choose **two** additional courses from Sections 1, 2, & 3 above. The courses must come from two different sections.

Choose **one** Capstone course:

- SPEA-V 473 Management, Leadership & Policy (3 cr.)
- SPEA-V 450 Indiana Leadership Seminar (6 cr.) - *application required*

**Required** Internship course:

- SPEA-V 380 Internship in Public & Environmental Affairs (1-6 cr.)
- SPEA-V 252 Career Development & Planning (2 cr.)

### 5. General Electives (approx. 19-26 cr.)

Complete SPEA-V 100 or UCOL-U 100 First Year Seminar.

Additional courses beyond the General Education and Major requirements to total 120 credit hours (these are not required to be SPEA courses but could be):

PLEASE NOTE, preparatory math and English courses do not count towards graduation credits. If you have questions regarding this, please ask your advisor.

### Important Notes

Students may transfer to IUPUI School of Public & Environmental Affairs once they acquire 12 credit hours, have a cumulative GPA of 2.3 in SPEA major courses (listed in requirement section #4A & #4B), an overall cumulative GPA of 2.0 and a previous semester GPA of 2.0.

SPEA Good Standing requires: a previous semester 2.0 GPA, a cumulative 2.0 GPA, as well as 2.3 GPA in SPEA major courses (listed in requirement section #4A & #4B).

Please see your SPEA Academic Advisor with any questions. To make an appointment with your advisor, call SPEA Student Services at 317-274-4656.

### Natural Science Course List

- ANTH-A 103 Human Origins and Prehistory (3 cr.)
- AST-A 100 The Solar System (3 cr.)
- AST-A 105 Stars and Galaxies (3 cr.)
- BIOL-K 101 Concepts of Biology I - Plants (5 cr.) - *w/ lab*
- BIOL-K 103 Concepts of Biology II - Animals (5 cr.) - *w/lab*
- BIOL-N 100 Contemporary Biology (3 cr.)
- BIOL-N 107 Introduction to Zoology (4 cr.) - *w/lab*
- BIOL-N 200 The Biology of Women (3 cr.)
- BIOL-N 212/213 Human Biology I (3 cr./1 cr.) - *213 lab*
- BIOL-N 214/215 Human Biology (3 cr./1 cr.) - *215 lab*
- BIOL-N 217 Human Physiology (5 cr.) - *w/lab*
- BIOL-N 251 Introduction to Microbiology (3 cr.)
- BIOL-N 322 Introductory Principles of Genetics (3 cr.)
- CHEM-C 100 World of Chemistry (3 cr.)
- CHEM-C 101/121 Elementary Chemistry I (3 cr./2 cr.) - *121 lab*
- CHEM-C 105/125 Principles of Chemistry I (3 cr./ 2 cr.) - *125 lab*
- CHEM-C 106/126 Principles of Chemistry II (3 cr./ 2 cr.) - *126 lab*
- GEOG-G 107/108 Physical Systems of the Environment (3 cr./2 cr.) - *108 lab*
- GEOG-G 303 Weather and Climate (3 cr.)
- GEOG/GEOL-G 185 Global Environmental Change (3 cr.)
- GEOL-G 107/117 Environmental Geology (3 cr./1 cr.) - *117 lab*
- GEOL-G 109/119 Fundamentals of Earth History (3 cr./1 cr.) - *119 lab*
- GEOL-G 110/120 Physical Geology (3 cr./1 cr.) - *120 lab*
- GEOL-G 115 Introduction to Oceanography (3 cr.)
- GEOL-G 132 Environmental Problems (3 cr.)
- GEOL-G 180 Dinosaurs (3 cr.)
- PHYS 10000 Physics in the Modern World (5 cr.)
- PHYS 15200 Mechanics (3 cr.)
- PHYS 20000 Our Physical Environment (3 cr.)
- PHYS 20100 General Physics I (5 cr.) - *w/lab*
- PHYS 20200 General Physics II (5 cr.) - *w/lab*
- PHYS 25100 Heat, Electricity, and Optics (5 cr.) - *w/ lab*
- PHYS 21800 General Physics I (4 cr.) - w/lab

- PHYS 21900 General Physics II (4 cr.) - *w/lab*
- PSY-B 105 Psychology as a Biological Science (3 cr.)

**Social Sciences/Humanities Course List**

- AFRO-A 150 Survey of the Culture of Black Americans (3 cr.)
- ANTH-A 104 Culture and Society (3 cr.)
- CLAS-C 205 Classical Mythology (3 cr.)
- COMM-C 180 Introduction to Interpersonal Communication (3 cr.)
- ENG-G 104 Language Awareness (3 cr.)
- FILM- C 190 Introduction to Film (3 cr.)
- FLAC-F 200 World Cultures through Literature (3 cr.)
- FOLK-F 100 Introduction to Folklore (3 cr.)
- FOLK-F 101 Folklore (3 cr.)
- GEOG-G 110 Introduction to Human Geography (3 cr.)
- GEOG-G 130 World Geography (3 cr.)
- HER-H 100 Art Appreciation (3 cr.)
- HER-H 101 History of Art I (3 cr.)
- HER-H 102 History of Art II (3 cr.)
- HIST-H 105 American History I (3 cr.)
- HIST-H 106 American History II (3 cr.)
- HIST-H 108 Perspectives on the World to 1800 (3 cr.)
- HIST-H 113 History of Western Civilization I (3 cr.)
- HIST-H 117 Introduction to Historical Studies (3 cr.)
- PHST-P 105 Giving and Volunteering in America (3 cr.)
- POLS-Y 101 Principles of Political Science (3 cr.)
- POLS-Y 219 Introduction to International Relations (3 cr.)
- PSY-B 104 Introduction to Psychology as a Social Science (3 cr.)
- PSY-B 310 Life Span Development (3 cr.)
- PSY-G 380 Abnormal Psychology (3 cr.)
- SOC-R 100 Introduction to Sociology (3 cr.)
- SOC-R 121 Social Problems (3 cr.)
- SPEA-J 101 The American Criminal Justice System (3 cr.)
- WOST-W 105 Introduction to Women's Studies (3 cr.)

**Media and Public Affairs (B.S.P.A.)**

The Bachelor of Science in Public Affairs in Media and Public Affairs requires 120 credit hours. The SPEA curriculum is divided into three categories: general education, electives, and major area. Public Affairs majors focus on how we provide for our citizen, making our communities better places to live, work and raise a family. Public Affairs students study and analyze government policies, and learn how to manage government and nonprofit organizations. Media and Public Affairs gives students an in-depth understanding of governance plus the skills needed to use today's media to communicate to customers, constituents, employees, supporters, opponents and the many other audiences involved in shaping effective public policy. Students who major in Media and Public Affairs will be prepared for careers as public information officers; government affairs personnel for private or nonprofit organizations; public administrators at the local, state, and federal level; lobbyists; representatives of trade organizations; and reporters for various media on the subjects of public affairs, public administration, public policy personnel and decisions. This major teaches anyone who intends to go in to management (public, private or nonprofit) or who will work in the policy area, when and how to deploy traditional and new media tools to achieve their goals.

**1. Communications (3 courses; 9 cr.)**

- ENG-W 131 Elementary Composition I (3 cr.)
- COMM-R 110 Fundamentals of Speech Communication (3 cr.)

Choose **one** course:

- BUS-X 204 Business Communications (3 cr.)
- ENG-W 231 Professional Writing Skills (3 cr.)

**2. Quantitative Methods (5 courses; 15 cr.)**

Choose **one** computer course:

- SPEA-V 261 Computers in Public Affairs (3 cr.)
- BUS-K 201 The Computer in Business (3 cr.)

Select **one** mathematics courses:

- MATH-M 118 Finite Mathematics (3 cr.)
- MATH-M 119 Survey of Calculus I (3 cr.)
- MATH 15300 Algebra and Trigonometry I (3 cr.)
- MATH 15400 Algebra and Trigonometry II (3 cr.)

Choose **one** statistics course:

- SPEA-K 300 Statistical Techniques (3 cr.)
- ECON-E 270 Intro to Stat Theory Econ & Bus (3 cr.)
- PSY-B 305 Statistics (3 cr.)
- STAT 301 Elem. Stat Method I (3 cr.)
- SOC-R 359 Sociological Statistics (3 cr.)

Select **one** accounting course:

- BUS-A 200 Foundations of Accounting (3 cr.)
- BUS-A 201 Introduction to Financial Accounting (3 cr.)

Select **one** research methods course:

- SPEA-V 370 Research Methods and Statistical Research (3 cr.)
- SPEA-J 202 Criminal Justice Data, Methods and Resources (3 cr.)

**3. Social Sciences, Humanities & Natural Sciences (3 courses; 9 cr.)**

- POLS-Y 103 Intro to American Politics (3 cr.)
- ECON-E 201 Intro to Microeconomics (3 cr.)
- ECON-E 202 Into to Macroeconomics (3 cr.)

***CHOOSE EITHER 3A OR 3B***

**3A. Option 1: Language Option - Recommended (13-15 cr.)**

Complete first-year foreign language requirements:

1. Three foreign language 100-level courses OR
2. Complete a 200-level or 300-level foreign lanuage course with a grade of C or better OR
3. Complete placement test, placing into 200-level or higher; this waives 100-level requirement but does not carry credit toward graduation

Choose **one** Natural Science course (3-5 cr.) - *select from list below*

Students only required to complete three credits, however if lab course is taken, may have up to five credits.

### 3B. Option 2: No Foreign Language (15-17 cr.)

Choose **one** of the following courses:

- HIST-H 105 American History I (3 cr.)
- HIST-H 106 American History II (3 cr.)
- HIST-H 108 Perspectives on the World to 1800 (3 cr.)
- HIST-H 114 History of Western Civilization II (3 cr.)
- ANTH-A l04 Culture and Society (3 cr.)
- CLAS-C 205 Classical Mythology (3 cr.)
- FLAC-F 200 World Cultures through Literature (3 cr.)
- GEOG-G 110 Introduction to Human Geography (3 cr.)
- REL-R 133 Introduction to Religions (3 cr.)
- REL-R 212 Comparative Religion (3 cr.)

Choose **two** Natural Science courses (one w/lab) - *select from list below*

Choose **two** Social Science/Humanities courses - *select from list below*

### 4. Media and Public Affairs (18 courses; 51 credits)

**Required (33 credits):**

- SPEA-V170 Intro to Public Affairs (3 cr.)
- SPEA-V372 Government Finance & Budgets (P: V170, ECON-E201 or ECON-E202) (3 cr.)
- SPEA-V376 Law & Public Policy (P: BUS-A200 or BUS-A201) (3 cr.)
- SPEA-V378 Policy Processes in the United States (3 cr.)
- SPEA-V382 Political Action and Civic Engagement (3 cr.)
- SPEA-V438 Mass Media and Public Affairs (3 cr.)
- INFO-N311 Digital Paradigm Shift: Effects on International Culture & Society (3 cr.)
- JOUR-C300 The Citizen and the News (3 cr.)
- JOUR-J375 Race, Gender and Media (3 cr.)
- JOUR-J410 Media as Social Institutions (P: JOUR-J300) (3 cr.)
- POLS-Y317 Voting, Elections, and Public Opinion (3 cr.)

Select **four** courses from below (12 credits):

- SPEA-V221 Nonprofit & Voluntary Sector
- SPEA-V263 Public Management
- SPEA-V412 Leadership & Ethics
- JOUR-J110 Foundations of Journalism & Mass Media
- JOUR-J210 Visual Communications
- JOUR-J321 Principles of Public Relations
- JOUR-J423 Public Opinion
- JOUR-J450 History of Journalism
- POLS-Y215 Introduction to Political Theory
- POLS-Y321 Media & Politics
- POLS-Y377 Globalization
- POLS-Y382 Modern Political Thought
- SOC-R355 Social Theory (P: SOC-R100) or SOC-R356 Foundations of Social Theory (P: SOC-R100)

Choose **one** Capstone Course:

- SPEA-V473 Management, Leadership & Policy (P: Sr. Standing)
- SPEA-V450 Indiana Leadership Seminar (application required)

**Required** Internship courses:

- SPEA-V380 Internship in Public & Environmental Affairs
- SPEA-V252 Career Development & Planning

### 5. General Electives (approx. 19-26 cr.)

Complete SPEA-V 100 or UCOL-U 100 First Year Seminar.

Additional courses beyond the General Education and Major requirements to total 120 credit hours (these are not required to be SPEA courses but could be):

PLEASE NOTE, preparatory math and English courses do not count towards graduation credits. If you have questions regarding this, please ask your advisor.

### Important Notes

Students may transfer to IUPUI School of Public & Environmental Affairs once they acquire 12 credit hours, have a cumulative GPA of 2.3 in SPEA major courses (listed in requirement section #4A & #4B), an overall cumulative GPA of 2.0 and a previous semester GPA of 2.0.

SPEA Good Standing requires: a previous semester 2.0 GPA, a cumulative 2.0 GPA, as well as 2.3 GPA in SPEA major courses (listed in requirement section #4A & #4B).

Please see your SPEA Academic Advisor with any questions. To make an appointment with your advisor, call SPEA Student Services at 317-274-4656.

### Natural Science Course List

- ANTH-A 103 Human Origins and Prehistory (3 cr.)
- AST-A 100 The Solar System (3 cr.)
- AST-A 105 Stars and Galaxies (3 cr.)
- BIOL-K 101 Concepts of Biology I - Plants (5 cr.) - *w/ lab*
- BIOL-K 103 Concepts of Biology II - Animals (5 cr.) - *w/lab*
- BIOL-N 100 Contemporary Biology (3 cr.)
- BIOL-N 107 Introduction to Zoology (4 cr.) - *w/lab*
- BIOL-N 200 The Biology of Women (3 cr.)
- BIOL-N 212/213 Human Biology I (3 cr./1 cr.) - *213 lab*
- BIOL-N 214/215 Human Biology (3 cr./1 cr.) - *215 lab*
- BIOL-N 217 Human Physiology (5 cr.) - *w/lab*
- BIOL-N 251 Introduction to Microbiology (3 cr.)
- BIOL-N 322 Introductory Principles of Genetics (3 cr.)
- CHEM-C 100 World of Chemistry (3 cr.)
- CHEM-C 101/121 Elementary Chemistry I (3 cr./2 cr.) - *121 lab*
- CHEM-C 105/125 Principles of Chemistry I (3 cr./ 2 cr.) - *125 lab*

- CHEM-C 106/126 Principles of Chemistry II (3 cr./ 2 cr.) - *126 lab*
- GEOG-G 107/108 Physical Systems of the Environment (3 cr./2 cr.) - *108 lab*
- GEOG-G 303 Weather and Climate (3 cr.)
- GEOG/GEOL-G 185 Global Environmental Change (3 cr.)
- GEOL-G 107/117 Environmental Geology (3 cr./1 cr.) - *117 lab*
- GEOL-G 109/119 Fundamentals of Earth History (3 cr./1 cr.) - *119 lab*
- GEOL-G 110/120 Physical Geology (3 cr./1 cr.) - *120 lab*
- GEOL-G 115 Introduction to Oceanography (3 cr.)
- GEOL-G 132 Environmental Problems (3 cr.)
- GEOL-G 180 Dinosaurs (3 cr.)
- PHYS 10000 Physics in the Modern World (5 cr.)
- PHYS 15200 Mechanics (3 cr.)
- PHYS 20000 Our Physical Environment (3 cr.)
- PHYS 20100 General Physics I (5 cr.) - *w/lab*
- PHYS 20200 General Physics II (5 cr.) - *w/lab*
- PHYS 25100 Heat, Electricity, and Optics (5 cr.) - *w/ lab*
- PHYS 21800 General Physics I (4 cr.) - w/lab
- PHYS 21900 General Physics II (4 cr.) - *w/lab*
- PSY-B 105 Psychology as a Biological Science (3 cr.)

### Social Sciences/Humanities Course List

- AFRO-A 150 Survey of the Culture of Black Americans (3 cr.)
- ANTH-A 104 Culture and Society (3 cr.)
- CLAS-C 205 Classical Mythology (3 cr.)
- COMM-C 180 Introduction to Interpersonal Communication (3 cr.)
- ENG-G 104 Language Awareness (3 cr.)
- FILM- C 190 Introduction to Film (3 cr.)
- FLAC-F 200 World Cultures through Literature (3 cr.)
- FOLK-F 100 Introduction to Folklore (3 cr.)
- FOLK-F 101 Folklore (3 cr.)
- GEOG-G 110 Introduction to Human Geography (3 cr.)
- GEOG-G 130 World Geography (3 cr.)
- HER-H 100 Art Appreciation (3 cr.)
- HER-H 101 History of Art I (3 cr.)
- HER-H 102 History of Art II (3 cr.)
- HIST-H 105 American History I (3 cr.)
- HIST-H 106 American History II (3 cr.)
- HIST-H 108 Perspectives on the World to 1800 (3 cr.)
- HIST-H 113 History of Western Civilization I (3 cr.)
- HIST-H 117 Introduction to Historical Studies (3 cr.)
- POLS-Y 101 Principles of Political Science (3 cr.)
- POLS-Y 219 Introduction to International Relations (3 cr.)
- PSY-B 104 Introduction to Psychology as a Social Science (3 cr.)
- PSY-B 310 Life Span Development (3 cr.)
- PSY-G 380 Abnormal Psychology (3 cr.)
- SOC-R 100 Introduction to Sociology (3 cr.)
- SOC-R 121 Social Problems (3 cr.)
- SOC-R 361 Race & Ethnic Relations (3 cr.)
- SPEA-J 101 The American Criminal Justice System (3 cr.)
- WOST-W 105 Introduction to Women's Studies (3 cr.)

### Policy Studies (B.S.P.A.)

The Bachelor of Science in Public Affairs in Policy Studies requires 120 credit hours. The SPEA curriculum is divided into three categories: general education, electives, and major area. Public Affairs majors focus on how we provide for our citizen, making our communities better places to live, work and raise a family. Public Affairs students study and analyze government policies, and learn how to manage government and nonprofit organizations. A Policy Studies major prepares students to analyze and assess the usefulness of existing and proposed laws. This major emphasizes critical thinking skills. Graduates often go on to law school. or directly into positions in government or government relations.

#### 1. Communications (3 courses; 9 cr.)

- ENG-W 131 Elementary Composition I (3 cr.)
- COMM-R 110 Fundamentals of Speech Communication (3 cr.)

Choose **one** course:

- BUS-X 204 Business Communications (3 cr.)
- ENG-W 231 Professional Writing Skills (3 cr.)

#### 2. Quantitative Methods (5 courses; 15 cr.)

Choose **one** computer course:

- SPEA-V 261 Computers in Public Affairs (3 cr.)
- BUS-K 201 The Computer in Business (3 cr.)

Select **one** mathematics courses:

- MATH-M 118 Finite Mathematics (3 cr.)
- MATH-M 119 Survey of Calculus I (3 cr.)
- MATH 15300 Algebra and Trigonometry I (3 cr.)
- MATH 15400 Algebra and Trigonometry II (3 cr.)

Choose **one** statistics course:

- SPEA-K 300 Statistical Techniques (3 cr.)
- ECON-E 270 Intro to Stat Theory Econ & Bus (3 cr.)
- PSY-B 305 Statistics (3 cr.)
- STAT 301 Elem. Stat Method I (3 cr.)
- SOC-R 359 Sociological Statistics (3 cr.)

Select **one** accounting course:

- BUS-A 200 Foundations of Accounting (3 cr.)
- BUS-A 201 Introduction to Financial Accounting (3 cr.)

Select **one** research methods course:

- SPEA-V 370 Research Methods and Statistical Research (3 cr.)
- SPEA-J 202 Criminal Justice Data, Methods and Resources (3 cr.)

#### 3. Social Sciences, Humanities & Natural Sciences (3 courses; 9 cr.)

- POLS-Y 103 Intro to American Politics (3 cr.)
- ECON-E 201 Intro to Microeconomics (3 cr.)
- ECON-E 202 Into to Macroeconomics (3 cr.)

***CHOOSE EITHER 3A OR 3B***

**3A. Option 1: Language Option - Recommended (13-15 cr.)**
Complete first-year foreign language requirements:

1. Three foreign language 100-level courses OR
2. Complete a 200-level or 300-level foreign lanuage course with a grade of C or better OR
3. Complete placement test, placing into 200-level or higher; this waives 100-level requirement but does not carry credit toward graduation

Choose **one** Natural Science course (3-5 cr.) - *select from list below*

Students only required to complete three credits, however if lab course is taken, may have up to five credits.

**3B. Option 2: No Foreign Language (15-17 cr.)**
Choose **one** of the following courses:

- HIST-H 105 American History I (3 cr.)
- HIST-H 106 American History II (3 cr.)
- HIST-H 108 Perspectives on the World to 1800 (3 cr.)
- HIST-H 114 History of Western Civilization II (3 cr.)
- ANTH-A l04 Culture and Society (3 cr.)
- CLAS-C 205 Classical Mythology (3 cr.)
- FLAC-F 200 World Cultures through Literature (3 cr.)
- GEOG-G 110 Introduction to Human Geography (3 cr.)
- REL-R 133 Introduction to Religions (3 cr.)
- REL-R 212 Comparative Religion (3 cr.)

Choose **two** Natural Science courses (one w/lab) - *select from list below*

Choose **two** Social Science/Humanities courses - *select from list below*

**4A. Policy Studies Major (42-45 cr.)**
**Required** course:

- SPEA-V 170 Introduction to Public Affairs (3 cr.)

Select **one** of the following courses:

- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.) or
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)

Select **one** of the following courses:

- SPEA-V 263 Public Management (3 cr.) or
- SPEA-V 372 Government Finance and Budgets (3 cr.)

Select **one** of the following courses:

- SPEA-V 382 Political Action and Civic Engagement (3 cr.) or
- SPEA-V 408 Individual Rights, Common Goods and Public Policies (3 cr.)

Choose **four** courses from the following:

- SPEA-V 348 Management Science (3 cr.) P: SPEA K300, MATH M118 or MATH M025
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 376 Law and Public Policy (3 cr.)
- SPEA-V 378 Policy Processes in the United States (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)

Select **one** Capstone Courses:

- SPEA-V 473 Management, Leadership, and Policy (3 cr.)
- SPEA-V 450 Indiana Leadership Seminar (3 cr.)

**Required** Internship Courses:

- SPEA-V 473 Internship in Public and Environmental Affairs (0-6 cr.)
- SPEA-V 252 Career Development and Planning (2 cr.)

**4B. Policy Emphasis Area (12 cr. minimum)**
Criminal Justice

- SPEA-J 101 The American Criminal Justice System (3 cr.)
- SPEA-J 150 Public Safety in America (3 cr.)
- SPEA-J 222 Murder in America: Causes and Consequences (3 cr.)
- SPEA-J 272 Terrorism and Public Policy (3 cr.)
- SPEA-J 305 Juvenile Justice (3 cr.)
- SPEA-J 426 Mapping and Analysis for Public Safety (3 cr.)

Environment

- PBHL-A 162 Environment and People (3 cr.)
- PBHL-A 316 Environmental Science and Health (3 cr.)
- PBHL-A 416 Environmental Health Policy (3 cr.)
- BIOL-K 341 Principals of Ecology (3 cr.)

Health

- PBHL-A 316 Environmental Science and Health (3 cr.)
- PBHL-H 320 Health Systems Administration (3 cr.)
- PBHL-H 354 Health Economics (3 cr.)
- PBHL-H 401 Strategic Planning in Health Care Organizations (3 cr.)
- PBHL-A 416 Environmental Health Policy (3 cr.)
- PBHL-H 420 Health Policy (3 cr.)
- PBHL-H 474 Health Administration Seminar (3 cr.) P: SPEA H320 and senior standing.

Urban

- SPEA-J 426 Mapping and Analysis for Public Safety (3 cr.)
- SPEA-J 387 Foundations of Homeland Security (3 cr.)
- SPEA-V 264 Urban Structure and Policy (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.)
- POLS-Y 308 Urban Politics (3 cr.)

Nonprofit

- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)

- SPEA-V 260 Topics in Public Affairs (3 cr.)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)

International Policy

- SPEA-V 272 Terrorism and Public Policy (3 cr.)
- POLS-Y 219 Introduction to International Relations (3 cr.)
- ECON-E 303 Survey of International Economics (3 cr.)
- POLS-Y 377 Globalization (3 cr.)
- POLS-Y 360 U.S. Foreign Policy (3 cr.)
- POLS-Y 217 Introduction to Comparative Politics (3 cr.)

**5. General Electives (approx. 25-32 cr.)**
Complete SPEA-V 100 or UCOL-U 100 First Year Seminar.

Additional courses beyond the General Education and Major requirements to total 120 credit hours (these are not required to be SPEA courses but could be):

PLEASE NOTE, preparatory math and English courses do not count towards graduation credits. If you have questions regarding this, please ask your advisor.

**Important Notes**
Students may transfer to IUPUI School of Public & Environmental Affairs once they acquire 12 credit hours, have a cumulative GPA of 2.3 in SPEA major courses (listed in requirement section #4A & #4B), an overall cumulative GPA of 2.0 and a previous semester GPA of 2.0.

SPEA Good Standing requires: a previous semester 2.0 GPA, a cumulative 2.0 GPA, as well as 2.3 GPA in SPEA major courses (listed in requirement section #4A & #4B).

Please see your SPEA Academic Advisor with any questions. To make an appointment with your advisor, call SPEA Student Services at 317-274-4656.

**Natural Science Course List**
- ANTH-A 103 Human Origins and Prehistory (3 cr.)
- AST-A 100 The Solar System (3 cr.)
- AST-A 105 Stars and Galaxies (3 cr.)
- BIOL-K 101 Concepts of Biology I - Plants (5 cr.) - *w/ lab*
- BIOL-K 103 Concepts of Biology II - Animals (5 cr.) - *w/lab*
- BIOL-N 100 Contemporary Biology (3 cr.)
- BIOL-N 107 Introduction to Zoology (4 cr.) - *w/lab*
- BIOL-N 200 The Biology of Women (3 cr.)
- BIOL-N 212/213 Human Biology I (3 cr./1 cr.) - *213 lab*
- BIOL-N 214/215 Human Biology (3 cr./1 cr.) - *215 lab*
- BIOL-N 217 Human Physiology (5 cr.) - *w/lab*
- BIOL-N 251 Introduction to Microbiology (3 cr.)
- BIOL-N 322 Introductory Principles of Genetics (3 cr.)
- CHEM-C 100 World of Chemistry (3 cr.)
- CHEM-C 101/121 Elementary Chemistry I (3 cr./2 cr.) - *121 lab*
- CHEM-C 105/125 Principles of Chemistry I (3 cr./ 2 cr.) - *125 lab*
- CHEM-C 106/126 Principles of Chemistry II (3 cr./ 2 cr.) - *126 lab*
- GEOG-G 107/108 Physical Systems of the Environment (3 cr./2 cr.) - *108 lab*
- GEOG-G 303 Weather and Climate (3 cr.)
- GEOG/GEOL-G 185 Global Environmental Change (3 cr.)
- GEOL-G 107/117 Environmental Geology (3 cr./1 cr.) - *117 lab*
- GEOL-G 109/119 Fundamentals of Earth History (3 cr./1 cr.) - *119 lab*
- GEOL-G 110/120 Physical Geology (3 cr./1 cr.) - *120 lab*
- GEOL-G 115 Introduction to Oceanography (3 cr.)
- GEOL-G 132 Environmental Problems (3 cr.)
- GEOL-G 180 Dinosaurs (3 cr.)
- PHYS 10000 Physics in the Modern World (5 cr.)
- PHYS 15200 Mechanics (3 cr.)
- PHYS 20000 Our Physical Environment (3 cr.)
- PHYS 20100 General Physics I (5 cr.) - *w/lab*
- PHYS 20200 General Physics II (5 cr.) - *w/lab*
- PHYS 25100 Heat, Electricity, and Optics (5 cr.) - *w/ lab*
- PHYS 21800 General Physics I (4 cr.) - w/lab
- PHYS 21900 General Physics II (4 cr.) - *w/lab*
- PSY-B 105 Psychology as a Biological Science (3 cr.)

**Social Sciences/Humanities Course List**
- AFRO-A 150 Survey of the Culture of Black Americans (3 cr.)
- ANTH-A 104 Culture and Society (3 cr.)
- CLAS-C 205 Classical Mythology (3 cr.)
- COMM-C 180 Introduction to Interpersonal Communication (3 cr.)
- ENG-G 104 Language Awareness (3 cr.)
- FILM- C 190 Introduction to Film (3 cr.)
- FLAC-F 200 World Cultures through Literature (3 cr.)
- FOLK-F 100 Introduction to Folklore (3 cr.)
- FOLK-F 101 Folklore (3 cr.)
- GEOG-G 110 Introduction to Human Geography (3 cr.)
- GEOG-G 130 World Geography (3 cr.)
- HER-H 100 Art Appreciation (3 cr.)
- HER-H 101 History of Art I (3 cr.)
- HER-H 102 History of Art II (3 cr.)
- HIST-H 105 American History I (3 cr.)
- HIST-H 106 American History II (3 cr.)
- HIST-H 108 Perspectives on the World to 1800 (3 cr.)
- HIST-H 113 History of Western Civilization I (3 cr.)
- HIST-H 117 Introduction to Historical Studies (3 cr.)
- PHST-P 105 Giving and Volunteering in America (3 cr.)
- POLS-Y 101 Principles of Political Science (3 cr.)
- POLS-Y 219 Introduction to International Relations (3 cr.)

- PSY-B 104 Introduction to Psychology as a Social Science (3 cr.)
- PSY-B 310 Life Span Development (3 cr.)
- PSY-G 380 Abnormal Psychology (3 cr.)
- SOC-R 100 Introduction to Sociology (3 cr.)
- SOC-R 121 Social Problems (3 cr.)
- SPEA-J 101 The American Criminal Justice System (3 cr.)
- WOST-W 105 Introduction to Women's Studies (3 cr.)

# Bachelor of Science in Criminal Justice (B.S.C.J.)

Students pursuing the **Bachelor of Science in Criminal Justice** (B.S.C.J.) may major in Criminal Justice or Public Safety Management. Criminal Justice students learn to protect communities and their citizens.

- Students majors in **Criminal Justice** study law enforcement, the judicial system, corrections and national security.
- Students who major in **Public Safety Management** focus on large-scale disaster preparedness, homeland security and delivery of lifesaving services including fire fighting, emergency medical services and disaster recovery.

### Criminal Justice (B.S.C.J.)

The Bachelor of Science in Criminal Justice requires 120 credit hours. The program includes three main areas: general education (including a foreign language and a non-foreign language component), and criminal justice.

#### 1. Communications (3 courses; 9 cr.)

- ENG-W 131 Elementary Composition (3 cr.)
- COMM-R 110 Fundamentals of Speech Communication (3 cr.)

Choose **one** course:

- ENG-W 231 Professional Writing Skills (3 cr.)
- BUS-X 204 Business Communications (3 cr.)

#### 2. Quantitative Methods (3 courses; 9 cr.)

Select **one** omputer course:

- BUS-K 201 The Computer in Business (3 cr.)
- SPEA-J 426 Mapping and Analysis for Public Safety (3 cr.)
- SPEA-V 261 Computer in Public Affairs (3 cr.)

Select **one** mathematics course:

- MATH-M 118 Finite Mathematics (3 cr.)
- MATH-M 119 Survey of Calculus I (3 cr.)
- MATH 15300 Algebra and Trigonometry I (3 cr.)
- MATH 15400 Algebra and Trigonometry II (3 cr.)

Choose **one** statistics course:

- SPEA-K 300 Statistical Techniques (3 cr.)

#### 3. Social Sciences (4 courses; 12 cr.)

**Required** course:

- SPEA-J 275 Diversity Issues in Criminal Justice (3 cr.)

Select **three** courses from the Social Science Course List below.

***CHOOSE EITHER 4A OR 4B***

#### 4A. Option 1: Language Option - Recommended (13-18 cr.)

Complete first-year foreign language requirements:

1. Complete three 100-level foreign language courses in a single language **OR**
2. Complete a 200-level or 300-level foreign language course with a grade of C or better **OR**
3. Complete a placement test, placing into the 200 level or higher; this waives the 100-level requirement but does not carry with it credit toward graduation.

Complete HIST-H 105 American History I (3 cr.)

Choose **one** Natural Science course (3-5 cr.) - *select from Natural Science Course List below*

Students are only required to complete three credits, however if lab course is taken, may have up to five credits.

#### 4B. Option 2: No Foreign Language (15-20 cr.)

Complete both courses:

- HIST-H 105 American History I (3 cr.)
- HIST-H 106 American History II (3 cr.)

Choose **two** courses from the Humanities Course List below.

Select **two** courses (one wi/ lab) from the Natural Science Course List below.

#### 5. Criminal Justice Major (16 courses; 48 cr.)

**Required** courses:

- SPEA-J 101 The American Criminal Justice System (3 cr.)
- SPEA-J 150 Public Safety in America (3 cr.)
- SPEA-J 201 Theoretical Foundations of Criminal Justice Policies (3 cr.)
- SPEA-J 202 Criminal Justice Data, Methods, and Resources (3 cr.)
- SPEA-J 302 Procedural Criminal Law (3 cr.)
- SPEA-J 306 The Criminal Courts (3 cr.)
- SPEA-J 321 American Policing (3 cr.)
- SPEA-J 331 Corrections (3 cr.)
- SPEA-J 439 Crime and Public Policy (3 cr.)

Choose **one** Criminal Law course:

- SPEA-J 301 Substantive Criminal Law (3 cr.)
- SPEA-J 302 Procedural Criminal Law (3 cr.)

Choose four Criminal Justice elective courses totaling 12 credit hours.

With approval by the faculty advisor, other non-criminal justice SPEA courses may be substituted. SPEA-J 260 and SPEA-J 380 may count toward this requirement, but are limited to a maximum of three credits each.

Select **three** Management and Policy courses (9 credit hours):

- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)
- SPEA-V 263 Public Management (3 cr.)

- SPEA-V 264 Urban Structure and Policy (3 cr.)
- PBHL-A 316 Environmental Health Science (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 368 Managing Government Operations (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 373 Human Resource Management in the Public Sector (3 cr.)
- SPEA-V 375 Emergency Services Administration (3 cr.)
- SPEA-V 376 Law and Public Policy (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 443 Managing Workforce Diversity (3 cr.)
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)

6. General Electives (approx. 22-29 cr.)

Additional courses beyond the General Education and Major requirements to total 120 credit hours (these are not required to be SPEA courses but could be):

- SPEA-V 100 or UCOL-U 100 First Year Seminar (1 cr.)
- PLUS electives

PLEASE NOTE, preparatory math and English courses do not count towards graduation credits. If you have questions regarding this, please ask your advisor.

Students may transfer to IUPUI School of Public & Environmental Affairs once they acquire 12 credit hours, have a cumulative GPA of 2.3 in SPEA major courses (listed in requirement section #5), an overall cumulative GPA of 2.0 and a previous semester GPA of 2.0.

SPEA Good Standing requires: a previous semester 2.0 GPA, a cumulative 2.0 GPA, as well as 2.3 GPA in SPEA major courses (listed in requirement section #5 + SPEA J275).

Please see your SPEA Academic Advisor with any questions. To make an appointment with your advisor, call SPEA Student Services at 317-274-4656.

## Social Science Course List

- ANTH-A 104 Culture and Society (3 cr.)
- ECON-E 201 Microeconomics (3 cr.)
- ECON-E 202 Macroeconomics (3 cr.)
- GEOG-G 110 Introduction to Human Geography (3 cr.)
- GEOG-G 130 World Geography (3 cr.)
- POLS-Y 101 Principles of Political Science (3 cr.)
- POLS-Y 103 Introduction to American Politics (3 cr.)
- POLS-Y 217 Introduction to Comparative Politics (3 cr.)
- POLS-Y 219 Introduction to International Relations (3 cr.)
- PSY-B 104 Introduction to Psychology as a Social Science (3 cr.)
- PSY-B 310 Life Span Development (3 cr.)
- PSY-B 380 Abnormal Psychology (3 cr.)
- SOC-R 100 Introduction to Sociology (3 cr.)
- SOC-R 121 Social Problems (3 cr.)
- SOC-R 461 Race and Ethnic Relations (3 cr.)
- SPEA-V 170 Introduction to Public Affairs (3 cr.)
- WOST-W 105 Introduction to Women's Studies (3cr.)

## Humanities Course List

- AFRO-A 150 Survey of the Culture of Black Americans (3 cr.)
- CLAS-C 205 Classical Mythology (3 cr.)
- ENG-L 105 Appreciation of Literature (3 cr.)
- ENG-L 115 Literature for Today (3 cr.)
- COMM-T 130 Introduction to Theatre (3 cr.)
- COMM-C 190 Introduction to Film (3 cr.)
- HER-H 100 Art Appreciation (3 cr.)
- HER-H 101 History of Art I (3 cr.)
- HER-H 102 History of Art II (3 cr.)
- FOLK-F 101 Folklore (3 cr.)
- FLAC-F 200 World Cultures through Literature (3 cr.)
- HIST-H 108 Perspectives on the World to 1800 (3 cr.)
- HIST-H 113 History of Western Civilization I (3 cr.)
- HIST-H 217 The Nature of History (3 cr.)
- PHIL-P 110 Introduction to Philosophy (3 cr.)
- PHIL-P 120 Ethics (3 cr.)
- REL-R 133 Introduction to Religion (3 cr.)
- REL-R 173 American Religion (3 cr.)
- REL-R 180 Introduction to Christianity (3 cr.)
- REL-R 212 Comparative Religion (3 cr.)

## Natural Science Course List

- ANTH-A 103 Human Origins and Prehistory (3 cr.)
- AST-A 100 The Solar System (3 cr.)
- AST-A 105 Stars and Galaxies (3 cr.)
- BIOL-K 101 Concepts of Biology I - Plants (5 cr.) - *w/ lab*
- BIOL-K 103 Concepts of Biology II - Animals (5 cr.) - *w/lab*
- BIOL-N 100 Contemporary Biology (3 cr.)
- BIOL-N 107 Introduction to Zoology (4 cr.) - *w/lab*
- BIOL-N 200 The Biology of Women (3 cr.)
- BIOL-N 212/213 Human Biology I (3 cr./1 cr.) - *213 lab*
- BIOL-N 214/215 Human Biology (3 cr./1 cr.) - *215 lab*
- BIOL-N 217 Human Physiology (5 cr.) - *w/lab*
- BIOL-N 251 Introduction to Microbiology (3 cr.)
- BIOL-N 322 Introductory Principles of Genetics (3 cr.)
- CHEM-C 100 World of Chemistry (3 cr.)
- CHEM-C 101/121 Elementary Chemistry I (3 cr./2 cr.) - *121 lab*
- CHEM-C 105/125 Principles of Chemistry I (3 cr./ 2 cr.) - *125 lab*
- CHEM-C 106/126 Principles of Chemistry II (3 cr./ 2 cr.) - *126 lab*
- GEOG-G 107/108 Physical Systems of the Environment (3 cr./2 cr.) - *108 lab*
- GEOG-G 303 Weather and Climate (3 cr.)

- GEOG/GEOL-G 185 Global Environmental Change (3 cr.)
- GEOL-G 107/117 Environmental Geology (3 cr./1 cr.) - *117 lab*
- GEOL-G 109/119 Fundamentals of Earth History (3 cr./1 cr.) - *119 lab*
- GEOL-G 110/120 Physical Geology (3 cr./1 cr.) - *120 lab*
- GEOL-G 115 Introduction to Oceanography (3 cr.)
- GEOL-G 132 Environmental Problems (3 cr.)
- GEOL-G 180 Dinosaurs (3 cr.)
- PHYS 10000 Physics in the Modern World (5 cr.)
- PHYS 15200 Mechanics (3 cr.)
- PHYS 20000 Our Physical Environment (3 cr.)
- PHYS 20100 General Physics I (5 cr.) - *w/lab*
- PHYS 20200 General Physics II (5 cr.) - *w/lab*
- PHYS 25100 Heat, Electricity, and Optics (5 cr.) - *w/ lab*
- PHYS 21800 General Physics I (4 cr.) - w/lab
- PHYS 21900 General Physics II (4 cr.) - *w/lab*
- PSY-B 105 Psychology as a Biological Science (3 cr.)

## Public Safety Management (B.S.C.J.)

The Bachelor of Science in Criminal Justice in Public Safety Management requires 120 credit hours. The program includes three main areas: general education (including a foreign language and a non-foreign language component), and management and policy. Criminal Justice and Public Safety majors learn to protect communities and their citizens. Students who major in Public Safety Management focus on large-scale disaster preparedness, homeland security and delivery of lifesaving services including fire fighting, emergency medical services and disaster recovery.

### 1. Communications (3 courses; 9 cr.)

- ENG-W 131 Elementary Composition (3 cr.)
- COMM-R 110 Fundamentals of Speech Communication (3 cr.)

Choose **one** course:

- ENG-W 231 Professional Writing Skills (3 cr.)
- BUS-X 204 Business Communications (3 cr.)

### 2. Quantitative Methods (3 courses; 9 cr.)

Select **one** omputer course:

- BUS-K 201 The Computer in Business (3 cr.)
- SPEA-V 261 Computer in Public Affairs (3 cr.)

Select **one** mathematics course:

- MATH-M 118 Finite Mathematics (3 cr.)
- MATH-M 119 Survey of Calculus I (3 cr.)
- or another math course approved by your advisor

Choose **one** statistics course:

- SPEA-K 300 Statistical Techniques (3 cr.)
- ECON-E 270 Into to Stat Theory Econ & Bus (3 cr.)
- PSY-B 305 Statistics (3 cr.)
- STAT 301 Elem. Stat Method I (3 cr.)

### 3. Social Sciences (4 courses; 12 cr.)

**Required** course:

- SPEA-J 275 Diversity Issues in Criminal Justice (3 cr.)

Select **three** courses from the Social Science Course List below.

***CHOOSE EITHER 4A OR 4B***

### 4A. Option 1: Language Option - Recommended (13-18 cr.)

Complete first-year foreign language requirements:

1. Complete three 100-level foreign language courses in a single language **OR**
2. Complete a 200-level or 300-level foreign language course with a grade of C or better **OR**
3. Complete a placement test, placing into the 200 level or higher; this waives the 100-level requirement but does not carry with it credit toward graduation.

Complete HIST-H 105 American History I (3 cr.)

Choose **one** Natural Science course (3-5 cr.) - *select from Natural Science Course List below*

Students are only required to complete three credits, however if lab course is taken, may have up to five credits.

### 4B. Option 2: No Foreign Language (15-20 cr.)

Complete both courses:

- HIST-H 105 American History I (3 cr.)
- HIST-H 106 American History II (3 cr.)

Choose **two** courses from the Humanities Course List below.

Select **two** courses (one wi/ lab) from the Natural Science Course List below.

### 5. Public Safety Management Major (15 courses; 45 cr.)

**Required** courses:

- SPEA-J 101 American Criminal Justice System (3 cr.)
- SPEA-J 150 Public Safety in America (3 cr.)
- SPEA-J 202 Criminal Justice Data, Methods, and Resources (3 cr.)
- SPEA-J 272/V 272 Terrorism and Public Policy (3 cr.)
- SPEA-V 375 Emergency Services Administration (3 cr.)*
- SPEA-J 376 Principles of Public Safety (3 cr.)*
- SPEA-J 387 Foundations of Homeland Security (3 cr.)
- SPEA J426 Mapping and Analysis for Public Safety (3 cr.)**
- SPEA J429 Public Safety Management Capstone (3 cr.)

Select **three** Public Safety elective courses totaling 9 credit hours. These courses will be counted only in the major and may not be used to satisfy the general education computer requirement. Students may select only V263 or V366, not both.

- SPEA-V 263 Public Management (3 cr.) **OR**
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-J 324 Technology, Crime, and Public Safety (3 cr.)
- SPEA V 348 Management Science (3 cr.)
- SPEA-V 368 Managing Government Operations (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 380 Internship for Public and Environmental Affairs (3 cr.)*

Select **three** Management and Policy courses (9 credit hours):

- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)
- SPEA-V 264 Urban Structure and Policy (3 cr.)
- PBHL-A 316 Environmental Science and Health (3 cr.)
- SPEA-V 373 Human Resources in the Public Sector (3 cr.)
- SPEA-V 376 Law and Public Policy (3 cr.)
- SPEA-V 378 Policy Processes in the United States (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 443 Managing Workforce Diversity (3 cr.)

*Students who are graduates of a number of fire academies may receive credit for V375, J376, and V380 (limited up to 3 credits) upon admission. Please see the Fire-Training area of the bulletin for more information.

**Transfer Course Policy:** On the Indianapolis campus, no more than 50 percent of courses taken to satisfy the requirements of the Public Safety Management Concentration may be transfer courses from other accredited institutions of higher learning; including all IU campuses.

### 6. General Electives (approx. 25-32 cr.)

Additional courses beyond the General Education and Major requirements to total 120 credit hours (these are not required to be SPEA courses but could be):

- SPEA-V 100 or UCOL-U 100 First Year Seminar (1 cr.)
- Other electives

PLEASE NOTE, preparatory math and English courses do not count towards graduation credits. If you have questions regarding this, please ask your advisor.

### Important Notes

Students may transfer to IUPUI School of Public & Environmental Affairs once they acquire 12 credit hours, have a cumulative GPA of 2.3 in SPEA major courses (listed in requirement section #5), an overall cumulative GPA of 2.0 and a previous semester GPA of 2.0.

SPEA Good Standing requires: a previous semester 2.0 GPA, a cumulative 2.0 GPA, as well as 2.3 GPA in SPEA major courses (listed in requirement section #5 + SPEA J275).

Please see your SPEA Academic Advisor with any questions. To make an appointment with your advisor, call SPEA Student Services at 317-274-4656.

### Social Science Course List

- ANTH-A 104 Culture and Society (3 cr.)
- ECON-E 201 Microeconomics (3 cr.)
- ECON-E 202 Macroeconomics (3 cr.)
- GEOG-G 110 Introduction to Human Geography (3 cr.)
- GEOG-G 130 World Geography (3 cr.)
- POLS-Y 101 Principles of Political Science (3 cr.)
- POLS-Y 103 Introduction to American Politics (3 cr.)
- POLS-Y 217 Introduction to Comparative Politics (3 cr.)
- POLS-Y 219 Introduction to International Relations (3 cr.)
- PSY-B 104 Introduction to Psychology as a Social Science (3 cr.)
- PSY-B 310 Life Span Development (3 cr.)
- PSY-B 380 Abnormal Psychology (3 cr.)
- SOC-R 100 Introduction to Sociology (3 cr.)
- SOC-R 121 Social Problems (3 cr.)
- SOC-R 461 Race and Ethnic Relations (3 cr.)
- SPEA-V 170 Introduction to Public Affairs (3 cr.)
- WOST-W 105 Introduction to Women's Studies (3cr.)

### Humanities Course List

- AFRO-A 150 Survey of the Culture of Black Americans (3 cr.)
- CLAS-C 205 Classical Mythology (3 cr.)
- ENG-L 105 Appreciation of Literature (3 cr.)
- ENG-L 115 Literature for Today (3 cr.)
- COMM-T 130 Introduction to Theatre (3 cr.)
- COMM-C 190 Introduction to Film (3 cr.)
- HER-H 100 Art Appreciation (3 cr.)
- HER-H 101 History of Art I (3 cr.)
- HER-H 102 History of Art II (3 cr.)
- FOLK-F 101 Folklore (3 cr.)
- FLAC-F 200 World Cultures through Literature (3 cr.)
- HIST-H 108 Perspectives on the World to 1800 (3 cr.)
- HIST-H 113 History of Western Civilization I (3 cr.)
- HIST-H 217 The Nature of History (3 cr.)
- PHIL-P 110 Introduction to Philosophy (3 cr.)
- PHIL-P 120 Ethics (3 cr.)
- REL-R 133 Introduction to Religion (3 cr.)
- REL-R 173 American Religion (3 cr.)
- REL-R 180 Introduction to Christianity (3 cr.)
- REL-R 212 Comparative Religion (3 cr.)

### Natural Science Course List

- ANTH-A 103 Human Origins and Prehistory (3 cr.)
- AST-A 100 The Solar System (3 cr.)
- AST-A 105 Stars and Galaxies (3 cr.)
- BIOL-K 101 Concepts of Biology I - Plants (5 cr.) - *w/ lab*
- BIOL-K 103 Concepts of Biology II - Animals (5 cr.) - *w/lab*
- BIOL-N 100 Contemporary Biology (3 cr.)

- BIOL-N 107 Introduction to Zoology (4 cr.) - *w/lab*
- BIOL-N 200 The Biology of Women (3 cr.)
- BIOL-N 212/213 Human Biology I (3 cr./1 cr.) - *213 lab*
- BIOL-N 214/215 Human Biology (3 cr./1 cr.) - *215 lab*
- BIOL-N 217 Human Physiology (5 cr.) - *w/lab*
- BIOL-N 251 Introduction to Microbiology (3 cr.)
- BIOL-N 322 Introductory Principles of Genetics (3 cr.)
- CHEM-C 100 World of Chemistry (3 cr.)
- CHEM-C 101/121 Elementary Chemistry I (3 cr./2 cr.) - *121 lab*
- CHEM-C 105/125 Principles of Chemistry I (3 cr./ 2 cr.) - *125 lab*
- CHEM-C 106/126 Principles of Chemistry II (3 cr./ 2 cr.) - *126 lab*
- GEOG-G 107/108 Physical Systems of the Environment (3 cr./2 cr.) - *108 lab*
- GEOG-G 303 Weather and Climate (3 cr.)
- GEOG/GEOL-G 185 Global Environmental Change (3 cr.)
- GEOL-G 107/117 Environmental Geology (3 cr./1 cr.) - *117 lab*
- GEOL-G 109/119 Fundamentals of Earth History (3 cr./1 cr.) - *119 lab*
- GEOL-G 110/120 Physical Geology (3 cr./1 cr.) - *120 lab*
- GEOL-G 115 Introduction to Oceanography (3 cr.)
- GEOL-G 132 Environmental Problems (3 cr.)
- GEOL-G 180 Dinosaurs (3 cr.)
- PHYS 10000 Physics in the Modern World (5 cr.)
- PHYS 15200 Mechanics (3 cr.)
- PHYS 20000 Our Physical Environment (3 cr.)
- PHYS 20100 General Physics I (5 cr.) - *w/lab*
- PHYS 20200 General Physics II (5 cr.) - *w/lab*
- PHYS 25100 Heat, Electricity, and Optics (5 cr.) - *w/ lab*
- PHYS 21800 General Physics I (4 cr.) - w/lab
- PHYS 21900 General Physics II (4 cr.) - *w/lab*
- PSY-B 105 Psychology as a Biological Science (3 cr.)

# Minors

Any Indiana University student enrolled in a bachelor's program may pursue one or more of the minors offered by the School of Public and Environmental Affairs. Students who successfully complete the requirements will have the minor conferred with their degree. Students interested in a minor should inquire for more details at SPEA Student Services, BS 3027. Students must declare their intentions to receive a minor by completing an application, which is available in SPEA Student Services. The application must be submitted at least one month prior to graduation or when you are registered for the final minor course or courses. A minimum GPA of 2.3 is required in courses taken specifically for the minor. At least 9 of the 15 credit hours must be taken on the IUPUI campus.

SPEA students earning a SPEA minor may double count two courses between the minor and the major courses.

SPEA students may pursue a SPEA minor in an area other than their major.

SPEA's multidisciplinary faculty and curricula address criminal justice, public safety management, public policy, and management issues from a variety of perspectives. A minor in SPEA can enhance career opportunities for liberal arts, business, and other majors.

**Civic Leadership Minor**

**Requirements**

(Five courses)

The following courses:

- SPEA-V 170 Introduction to Public Affairs (3 cr.)
- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.) or POLS-Y 378 Civil Society and Public Policy (3 cr.)

Select one of the following:

- SPEA-V 412 Leadership and Ethics (3 cr.)
- POLS-Y 378 Civil Society and Public Policy

Two of the following courses:

- SPEA-V 263 Public Management (3 cr.) or SPEA-V 362 Nonprofit Management and Leadership (3 cr.)
- SPEA-V 264 Urban Structure and Policy (3 cr.)
- SPEA-V 376 Law and Public Policy (3 cr.)
- SPEA-V 382 Political Action and Civic Engagement (3 cr.)
- SPEA-V 408 Individual Rights, Common Goods, and Public Policies (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 436 Communication for Government and Nonprofit Organizations (3 cr.)
- SPEA-V 438 Mass Media and Public Affairs (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) *as approved*
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)

**Criminal Justice General Minor**

**Requirements** (Six courses)

The following courses:

- SPEA-J 101 The American Criminal Justice System (3 cr.)
- SPEA-J 201 Theoretical Foundations of Criminal Justice Policies (3 cr.)

**Criminal Justice Core**

Two of the following courses:

- SPEA-J 202 Criminal Justice Data, Methods, and Resources (3 cr.)
- SPEA-J 301 Substantive Criminal Law (3 cr.)
- SPEA-J 305 Juvenile Justice (3 cr.)
- SPEA-J 306 The Criminal Courts (3 cr.)
- SPEA-J 321 American Policing (3 cr.)
- SPEA-J 331 Corrections (3 cr.)
- SPEA-J 439 Crime and Public Policy (3 cr.)

**Electives** (Two courses for a minimum of 6 credit hours)

Two additional SPEA criminal justice courses. These may be selected from the courses listed above not used to fulfill the core requirement. At least one of these courses must be at the 300- or 400-level; only one of the following courses may be used to meet this requirement:

- SPEA-J 370 Seminar in Criminal Justice (3 cr.)
- SPEA-J 380 Internship in Criminal Justice (3cr.)
- SPEA-J 470 Seminar in Criminal Justice (3 cr.)
- SPEA-J 480 Research in Criminal Justice (3 cr.)

**Note:** At least 9 of the 18 credit hours must be taken on the IUPUI campus.

**Criminal Justice Accounting Minor**
This minor is available to only those students pursuing an accounting degree in the School of Business.

**Requirements**

(Five courses)

The following course:

- SPEA-J 101 The American Criminal Justice System (3 cr.)

The following four courses:

- SPEA-J 301 Substantive Criminal Law (3 cr.)
- SPEA-J 303 Evidence (3 cr.)
- SPEA-J 320 Criminal Investigation (3 cr.)
- SPEA-J 322 Introduction to Criminalistics (3 cr.)

**Human Resource Management Minor**

**Requirements** (Five courses)

The following courses:

- SPEA-V 170 Introduction to Public Affairs (3 cr.)
- SPEA-V 373 Human Resource Management in the Public Sector (3 cr.)

Three of the following courses:

- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 435 Megotiation and Alternative Dispute Resolution
- SPEA-V 436 Communication for Government and Nonprofit Organizations (3 cr.)
- SPEA-V 443 Managing Workforce Diversity (3 cr.)
- SPEA-V 450 Contemorary Issues in Public Affairs - as approved (3 cr.)

**Management Minor**

**Requirements**
(Five courses)

The following course:

- SPEA-V 170 Introduction to Public Affairs (3 cr.)

Select one of the following:

- SPEA-V 263 Public Management (3 cr.)
- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)

Select one of the following:

- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)

Two of the following courses:

- SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.) **or** SPEA-V 356 Introduction to Nonprofit Accounting and Reporting (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 361 Financial Management (3 cr.) If not taken to satisfy the requirement above.
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.) If not taken to satisfy the requirement above.
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 412 Leadership and Ethics (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)
- SPEA-V 436 Communication for Government and Nonprofit Organizations (3 cr.)
- SPEA-V 443 Managing Workforce Diversity (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.)- *as approved*
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)

**Policy Studies Minor**

**Requirements**
(Five courses)

The following courses:

- SPEA-V 170 Introduction to Public Affairs (3 cr.)
- SPEA-V 376 Law and Public Policy (3 cr.)

One of the following courses:

- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)

Two of the following courses:

- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)
- SPEA-V 263 Public Management (3 cr.) **or** SPEA-V 362 Nonprofit Management and Leadership (3 cr.)
- SPEA-V 264 Urban Structure and Policy (3 cr.)
- SPEA-V 348 Management Science (3 cr.) If not taken to satisfy the requirement above.
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.) If not taken to satisfy the requirement above.

- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.) - *as approved*
- SPEA-J 272 Terrorism and Public Policy (3 cr.)
- SPEA-J 305 Juvenile Justice (3 cr.)
- SPEA-J 321 American Policing (3 cr.)
- SPEA-J 331 Corrections (3 cr.)
- SPEA-J 376 Principles of Public Safety (3 cr.)
- SPEA-J 387 Foundations of Homeland Security (3 cr.)
- POLS-Y 213 Introduction to Public Policy (3 cr.)

**Public and Nonprofit Financial Management Minor**

**Requirements**
(Five courses)

The following courses:

- SPEA-V 170 Introduction to Public Affairs (3 cr.)
- SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 372 Government Budget and Finance (3 cr.)

One of the following courses:

- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 458 Fund Development for Nonprofits (3 cr.) **or** other courses approved by a SPEA advisor.

**Public Safety Management Minor**

**Requirements**

(Five courses)

The following courses:

- SPEA-J 150 Public Safety in America (3 cr.)
- SPEA-J 272 Terrorism and Public Policy (3 cr.)
- SPEA-V 375 Emergency Services Administration (3 cr.)
- SPEA-V 376 Principles of Public Safety (3 cr.)
- SPEA-J 387 Foundations of Homeland Security (3 cr.)

## Certificate Programs

The areas of study in which certificate programs are currently available are Nonprofit Management, Public Affairs, and Public Management.

**General Requirements**

1. Students in good academic standing and enrolled in bachelor's programs at Indiana University are eligible to apply for a certificate at the SPEA Student Services. Interested students must apply for a certificate before completing 15 credit hours of applicable course work.
2. SPEA students cannot earn a certificate in the same area as their concentration.
3. A grade point average of 2.3 or higher is required in all course work credited toward the certificate.

**Certificate in Nonprofit Management**

The nonprofit sector is a dynamic and rapidly expanding area. The Certificate in Nonprofit Management allows students to take part in course work specifically concerned with the nonprofit sector and geared toward preparing them for careers in nonprofit organizations.

**Certificate Requirements**
(Five courses)

Courses must be selected from the following categories. Alternate courses may be substituted with the approval of the campus undergraduate program director.

**Nonprofit Institutions** (Minimum of 3 credit hours)

The following course:

- SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)

**Nonprofit Managemen**t (Minimum of 6 credit hours)
The following course:

- SPEA-V 362 Nonprofit Management and Leadership (3 cr.)

One of the following courses:

- SPEA-V 356 Introduction to Nonprofit Accounting and Reporting (3 cr.)
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)
- BUS-A 200 Foundations in Accounting (3 cr.)

**Nonprofit Field** (Minimum of 3 credit hours)
Select one course from a special feature of a nonprofit field, service arena, or industry. Examples include:

- POLS-Y 326 American Social Welfare Policy (3 cr.) (offered on the Bloomington campus)
- PSY-B 310 Life Span Development (3 cr.)
- SOC-R 335 Sociological Perspectives on the Life Course (3 cr.)

**Internship** (Minimum of 3 credit hours)

- SPEA-V 380 Internship in Public and Environmental Affairs (3 cr.)
- SPEA-V 388 American Humanics Internship (3 cr.)

**Certificate in Public Affairs**

The School of Public and Environmental Affairs offers the Certificate in Public Affairs to provide an overview of the study of public policy, governmental organization, and public management as an enhancement to the major area of study in a student's undergraduate program. The interdisciplinary program requires 27 credit hours, of which at least 15 but not more than 21 credit hours must be in SPEA courses.

**Certificate Requirements**
(Nine courses)

The following courses:

- SPEA-V 170 Introduction to Public Affairs (3 cr.)
- SPEA-V 264 Urban Structure and Policy (3 cr.)
- SPEA-V 378 Policy Processes in the United States (3 cr.)

A total of two courses from groups A, B, and C, with no more than one course from any group.

**A. Organizational Behavior**

- BUS-Z 302 Managing and Behavior in Organizations (3 cr.)

**B. Public Administration**

- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)

**C. Law**

- SPEA-J 301 Substantive Criminal Law (3 cr.)
- SPEA-V 376 Law and Public Policy (3 cr.)
- BUS-L 201 Legal Environment of Business (3 cr.)
- POLS-Y 304 American Constitutional Law I (3 cr.)
- POLS-Y 305 American Constitutional Law II (3 cr.)

Four of the following courses:

- SPEA-J 101 The American Criminal Justice System (3 cr.)
- SPEA-J 272 Terrorism and Public Safety (3 cr.)
- SPEA-J 302 Procedural Criminal Law (3 cr.)
- SPEA-J 305 Juvenile Justice (3 cr.)
- SPEA-J 306 The Criminal Courts (3 cr.)
- SPEA-J 321 American Policing (3 cr.)
- SPEA-J 322 Introduction to Criminalistics (3 cr.)
- SPEA-J 331 Corrections (3 cr.)
- SPEA-J 376 Principles of Public Safety (3 cr.)
- SPEA-V 260 Topics in Public Affairs (approved topics) (3 cr.) May be repeated.
- SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 443 Managing Workforce Diversity (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (approved topics) (3 cr.) May be repeated.
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)
- POLS-Y 306 State Politics in the United States (3 cr.)

**Certificate in Public Management**

The School of Public and Environmental Affairs offers the Certificate in Public Management to provide a systematic program that gives students an understanding of how to work in and with public organizations.

**Certificate Requirements**
(Seven courses)

The following course:

- SPEA-V 263 Public Management (3 cr.)

Six of the following courses:

- SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 361 Financial Management (3 cr.)
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 369 Managing Information Technology (3 cr.)
- SPEA-V 370 Research Methods and Statistical Modeling (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)
- SPEA-V 375 Emergency Services Administration (3 cr.)
- SPEA-V 376 Law and Public Policy (3 cr.)
- SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)
- SPEA-V 435 Negotiation and Alternative Dispute Resolutions (3 cr.)
- SPEA-V 438 Mass Media and Public Affairs (3 cr.)
- SPEA-V 443 Managing Workforce Diversity (3 cr.)
- SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)

# Special Programs

- Accelerated Master's Program
- Executive Education Program
- Honors Program
- Indiana Law Enforcement and Indianapolis Fire Department Academy Credits
- Indiana Leadership Seminar
- Overseas Education
- Washington Leadership Program

## Honors Program

SPEA's Honors Program indulges the talents and creativity of SPEA undergraduates who excel in the classroom and who are destined for leadership roles in public affairs, public health, and environmental affairs. Prior to being invited to the **Bloomington** SPEA Honors Program students must complete a minimum of 26 credit hours of course work with at least a 3.5 cumulative and 3.5 SPEA grade point average. In all cases, the student must be currently enrolled as a SPEA major or applying (or preparing to apply) for SPEA admission. To maintain eligibility in the program, all students must maintain a cumulative and SPEA GPA of at least 3.5. All SPEA majors with at least a minimum cumulative and SPEA GPA of 3.5 at the end of their freshman year will be invited to join the Honors Program.

On the **Bloomington** campus, benefits of the SPEA Honors Program include: confirmation of a diploma "With Public and Environmental Affairs Honors" notation; advanced course work and opportunities for in-depth research projects with SPEA faculty; interaction with like-minded students in the SPEA Honors Program and the Hutton Honors College; competitively awarded funding opportunities to support academic related travel, research projects, and internships through the Hutton Honors College; automatic admission to SPEA's prestigious Scholars in Global Citizenship, and provisional admission to Washington Leadership Program, IU at Oxford Summer Program, and the accelerated Master of Public Affairs or Environmental Science degree programs; and counsel from an Honors Program Advisor.

On the **Indianapolis** campus, qualified SPEA students are encouraged to apply to the IUPUI Honors College. Benefits of this program include advanced coursework, opportunities for community service, interaction with like-minded students, participation in honors events and the IUPUI Honor Societies, eligibility for residence in the IUPUI Honors House, opportunities for research with faculty, and funding to support academic-related research and travel.

## Accelerated Master's Program

On the **Bloomington** campus, the Accelerated Master's Program (A.M.P.) is a competitive program for outstanding SPEA undergraduate students. Students may apply to the Master of Public Affairs (M.P.A.) or the Master of Science in Environmental Science (M.S.E.S.) programs early in their junior year.

Participation in this program allows the student to fulfill some graduate program requirements during the senior year. Graduate courses count for both graduate and undergraduate degree requirements. For additional information, students should contact the appropriate graduate program director.

For students who wish to enroll in the Accelerated Masters Program, the following are required:

- Students should have a cumulative GPA of 3.5 for the M.P.A.
- B.S.P.A. students should have a cumulative GPA of 3.5 and B.S.E.S. students should have a cumulative GPA of 3.0 for the MSES program.
- Students accepted into the program may begin when they have earned 96 credit hours in the undergraduate degree program, including specified courses in the major.
- Students must have completed the undergraduate internship prior to starting the masters coursework and if an honors student, must have completed their honors thesis requirements.
- Before starting the graduate program, students must have satisfied **all** general education requirements with a minimum of 96 credit hours completed toward their bachelor's degree.

On the **Indianapolis** campus the Accelerated Master's Program (A.M.P.) is a competitive program for outstanding SPEA students. Students may apply to the Master of Public Affairs (M.P.A.) or the Master of Science in Criminal Justice and Public Safety (M.S.C.J.P.S.) programs early in their junior year.

Participation in this program allows the student to fulfill some graduate program requirements during the senior year. Graduate courses count for both graduate and undergraduate degree requirements. Before starting the graduate program, students must have satisfied all general education and core requirements with a minimum of 96 credit hours completed toward their bachelor's degree with a minimum of a 3.5 GPA. For additional information, students should contact the appropriate program director.

For students who wish to enroll in the accelerated Master of Public Affairs program on the **Indianapolis** campus, the following are required:

- Students should have a cumulative GPA of 3.2 overall and a 3.5 within their major.
- Students accepted into the program may begin when they have earned 96 credit hours in the undergraduate degree program, including specified courses in the major.
- Students must take all 48 credit hours of the M.P.A. and can count a maximum of 24 graduate credits hours to reach the 120 credit hours required for the B.S.P.A./B.S.C.J.
- Students are required to complete the undergraduate capstone as part of the accelerated M.P.A.
- Students must be enrolled as a graduate student during the last 24 credit hours of the program.
- Students must apply for the graduate program by completing the M.P.A. application when applying for the accelerated Master of Public Affairs program. All letters of recommendation must be from faculty; at least one letter must be from either the program director or faculty advisor.
- Students applying for the accelerated program are not required to take the GRE as a condition of admission.
- For students who wish to enroll in the Accelerated Master of Science in Criminal Justice Public Safety Program on the Indianapolis campus, please see the program director for requirements.

## Executive Education Program

**The Executive Education Program** is one of the most prestigious leadership programs in the nation. Offered through the School of Public and Environmental Affairs, the Executive Education Program works with the government, nonprofit agencies, and the private sector to prepare leaders and managers to meet today's challenges and anticipate tomorrow's opportunities.

The Executive Education Program offers graduate-level programs at four sites nationally: Washington, D.C.; Seattle, Washington; Indianapolis, Indiana, for the United States Navy; and Louisville, Kentucky, for the United States Army Corps of Engineers. Graduate programs include the Master of Public Affairs (M.P.A.), the Public Management Certificate, and the Environmental Management Certificate.

The Executive Education Program has formed a partnership with the American Association of State Highway and Transportation Officials (AASHTO), which also meets in Indianapolis. Together, they have created two institutes to challenge and educate transportation managers and leaders. The National Transportation Leadership Institute and the Graduate Leadership/ Management Institute are two of the most influential programs for transportation management.

The Executive Education Program's partnership with the Indiana Health and Hospital Association (EHHA) created a 10-course management institute for health care officials in Indiana to help them lead their organizations through the continually changing health care industry. The Executive Education Program has also partnered with Goodwill Industries of Central Indiana and the Indianapolis Metropolitan Police Department to develop specialized 15 credit hour graduate certificates for emerging leaders.

SPEA's Executive Education Program also offers customized leadership and management programs for local and national clients.

## Overseas Education

All SPEA Abroad programs give students the opportunity to earn credit hours from overseas study combined with travel to important foreign locations where SPEA instructors collaborate with faculty from partner institutions to offer special programs taught in English. In addition, SPEA Abroad programs include supplementary introductions to the language, culture, and history of each foreign location with special classes, lectures, and excursions that go beyond the credit earning requirements of the formal classroom. Course topics and credit vary by program, but credit is generally given for SPEA-V 482, SPEA-E 482, SPEA-A 482, and other topics courses included as part of a SPEA major. Subjects include public and nonprofit management, public policy and policy analysis, comparative and international administration, and environmental science. For more information about SPEA overseas education programs, see www.spea-abroad.info/

The SPEA commitment to overseas study is currently supported by a special scholarship program in which eligible students receive $2,000 ($1,000 for programs with 3 or fewer credit hours) when they participate in SPEA Abroad. Please note that SPEA Overseas Education Scholarships are available only to SPEA majors and that scholarship availability is re-evaluated on an annual basis.

Students are also encouraged to explore the many IU overseas credit offerings originating outside of SPEA. Many study abroad programs approved by the IU Office of Overseas Study can, with the approval a SPEA advisor, count as part of a SPEA major or minor. In short, Indiana University offers many overseas education programs, and IUB students are advised to make use of the Overseas Study Resource Center on the third floor of Franklin Hall for more information, while **IUPUI students** should consult with SPEA Student Services at BS 3025 (317-274-4656) on the Indianapolis campus.

## Washington Leadership Program

IU's School of Public and Environmental Affairs proudly offers the Washington Leadership Program each fall semester in Washington, D.C. The Washington Leadership Program is a unique opportunity for talented undergraduate students to receive in-depth exposure to key policy makers and government officials in our nation's capital.

Juniors and Seniors from all majors on the Bloomington campus and SPEA majors at other IU campuses are eligible to apply. This program consists of two senior-level seminars (each worth 3 credit hours) and an internship (worth 6 credit hours). Students complete internships by working four days per week in an assigned congressional or senate office, trade association, or federal agency, or in a health, environmental, or nonprofit organization.

Interested students should visit the WLP website at www.iuindc.indiana.edu for more information and to apply.

## Indiana Leadership Seminar

The Indiana Leadership Seminar offers senior honor students a chance to participate in research projects with a state agency. The focus is to develop professional skills and provide networking opportunities for future career connections as students apply classroom theory to real-world problems. The Indiana Leadership Seminar will complete the requirement of the major capstone course for students enrolled for the full year, both fall and spring semesters. Interested students should contact their academic advisor or program director.

## Indiana Law Enforcement and Indianapolis Fire Department Academy Credits

Graduates of Indiana Law Enforcement Academies (for full-time sworn officers) are eligible for 12 undergraduate credit hours from SPEA. After admission to IUPUI, academy graduates should contact SPEA Student Services or their faculty advisor for credit for SPEA-J 320, SPEA-J 301, and 6 credit hours of SPEA-J 380. Once graduation from the academy with a 77 percent score or better has been confirmed by SPEA, there is no charge for this credit as long as students take one additional regular course from IUPUI after application for the credit. (Students who have previously attended IUPUI need not take an additional course.) These 12 credit hours all count toward the Bachelor of Science in Criminal Justice in SPEA.

Firefighters who graduated from any of the following fire department academies are eligible for 9 undergraduate credit hours from SPEA: Indianapolis, Pike Township, Washington Township, Lawrence Township, City of Lawrence, Perry Township, Warren Township, Franklin Township, City of Franklin, Decatur Township, Wayne Township, Brownsburg, Avon, Carmel, Fishers, Greenwood, Noblesville, Speedway, and Beech Grove.

After admission to IUPUI, IFD academy graduates should contact SPEA Student Services or their faculty advisor for credit for SPEA-J 376, SPEA-V 375, and SPEA-V 380. Once graduation from the academy with a 77 percent score or better has been confirmed by SPEA, there is no charge for this credit as long as students take at least one additional regular course from IUPUI after application for this credit. (Students who have previously attended IUPUI need not take an additional course.) These 9 credit hours all count toward the SPEA Public Safety Management major. If these credits are combined with other special credits available to students of fire science, firefighters are well on their way toward a SPEA degree.

For further information, contact the SPEA Indianapolis Undergradaute Recorder at (317) 274-4656 or visit www.spea.iupui.edu.

# Courses

The Abbreviation "P" refers to course prerequisites and "R" to recommended prerequisite courses. Prerequisites can be waived by the instructor of the course. The number of hours of credit is indicated in parentheses following the course title. Courses are listed in five groups: arts management, criminal justice, environmental, public health, and public affairs.

## Arts Management

**SPEA-A 163 Art Worlds: Management, Markets, and Policy (3 cr.)** This course provides students with a taste

of the variety of topics they will encounter when pursuing the B.S. in Arts Management, including public policy in the arts, the economic structure of markets in various branches of the arts, and the issues facing administrators in the arts.

**SPEA-S 163 Honors—Art Worlds: Management, Markets, and Policy (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-A 163; however, honors students will complete advanced coursework.

**SPEA-A 236 Music Industry I (3 cr.)** The purpose of this class is to gain a historical overview on the development of the music industry from its beginnings to current issues. Special focus will be on the development of legal issues and the recording industry.

**SPEA-A 241 Inside Community Arts Organizations (3 cr.)** Students will get to know arts organizations and music business entities in the area in order to gain awareness about the role of the arts in a community as a cultural, social, as well as economic force. Class instruction includes lectures, guest speakers, field trips, and practical experiences.

**SPEA-A 336 Music Industry II (3 cr.)** P: SPEA-A 236 or approval of instructor. The purpose of this class is to build on the historical overview of the music industry from its beginnings to current issues in Music Industry I and explore current issues and music careers. Special focus will be on creating a plan for personal goals and development.

**SPEA-A 354 Arts Marketing Fundamentals (3 cr.)** This course introduces students to the essentials of arts marketing: how nonprofit organizations and consumers behave and what strategies marketers can use to successfully operate in today's environment. Course will examine such topics as the marketing process for product-centered cultural enterprises, collection and use of marketing information, target marketing and position.

**SPEA-A 405 Programming in the Performing Arts (3 cr.)** This course examines how programming relates to marketing and public relations; the role of programming in the public and professional identity of artists and arts organizations; the external factors that condition program choice; and how programming affects relationships with society and the arts community on local, national and international levels.

**SPEA-S 405 Honors—Programming in the Performing Arts (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-A 405; however, honors students will complete advanced coursework.

**SPEA-A 450 Contemporary Topics in Arts Administration (1-3 cr.)** Extensive analysis of selected contemporary topics in Arts Administration. Topics vary from semester to semester. May be repeated for credit; topics must differ.

**SPEA-A 459 Public Policy and the Arts (3 cr.)** This course considers the principal aspects of cultural policy in the US and elsewhere. Topics include arts education, the ends and means of government funding for the arts, multiculturalism, freedom of expression, copyright, other legal rights of artists, international trade in cultural goods, and international treaties on cultural diversity.

**SPEA-A 464 The Economics and Administration of Artistic Organizations (3 cr.)** This course analyzes the unique challenges facing arts organizations in the public, nonprofit, and for- profit sectors. Among other topics, the course deals with the multiple and often-conflicting goals faced by arts organizations, consumer demand and price setting, experimentation and innovation, and setting the rules for decision-making and oversight.

**SPEA-A 482 Overseas Topics in Arts Management (0-15 cr.)** SPEA Abroad Program: study of selected topics in arts managment. Topics vary from semester to semester. May be repeated for credit.

## Criminal Justice

**SPEA-J 101 The American Criminal Justice System (3 cr.)** Introduction to the criminal justice system of the United States and its function in contemporary society.

**SPEA-J 150 Public Safety in America (3 cr.)** The protection of persons and property involves a number of public and private organizations. This course examines the roles that agencies working within the fire service, emergency management, criminal justice, and the private security sector play in securing public safety in the United States.

**SPEA-J 201 Theoretical Foundations of Criminal Justice Policies (3 cr.)** P: SPEA-J 101. This course examines the impact of sociological, biological, and economic theories of crime and the practice of criminal justice. Focus is on the nature and importance of theory, context of theoretical developments, methods for the critical analysis of theoretical developments, and policy implications of the varying perspectives considered.

**SPEA-J 202 Criminal Justice Data, Methods, and Resources (3 cr.)** P: SPEA-J 101. Course examines basic concepts of criminal justice. Students become familiar with research techniques necessary for systematic analysis of the criminal justice system, offender behavior, crime trends, and program effectiveness. Students will learn to critically evaluate existing research. Students will become familiar with existing sources of criminal justice data and will learn to assess the quality of that data.

**SPEA-J 215 Concepts of Forensic Science (3 cr.)** Forensic science and the criminal justice system. Evidence collection and analysis. Forensic chemistry including drugs and trace evidence, biology including blood spatter and DNA, pathology, entomology, anthropology, and forensic science and the law. Credit not given for both SPEA-J 215 and J 322.

**SPEA-J 222 Murder in America: Causes and Consequences (3 cr.)** An investigation of homicide in the United States. Focus on the level and nature of homicides as well as domestic homicides, serial and mass murder, race, ethnicity and gender, drugs and alcohol, school and workplace homicides, investigation, profiling and the death penalty, and homicide prevention and intervention programs.

**SPEA-J 260 Topics in Criminal Justice (1-3 cr.)** Study of selected issues in criminal justice. Topics vary from semester to semester. May be repeated for credit.

**SPEA-J 272 Terrorism and Public Policy (3 cr.)** This course surveys terrorism in democratic societies, with an emphasis on public policy responses designed to combat terrorism. Overviews of terrorist organizations in various countries are interspersed with analyses of significant terrorist events and public policies, and legal and public safety responses the events create.

**SPEA-J 275 Diversity Issues in Criminal Justice (3 cr.)** This course examines the influence of diversity issues such as race, ethnicity, class, and gender on crime and the treatment of the underrepresented groups throughout the American criminal justice system.

**SPEA-J 278 Principles and Practices in Homeland Security (3 cr.)** (Kokomo only) Examination of the basic operations, functions, and issues involved in securing our homeland from domestic and international threats, and proactive and reactive measures against such threats.

**SPEA-J 301 Substantive Criminal Law (3 cr.)** P: SPEA-J 101; R: SPEA-J 201 and SPEA-J 202. The development, limitations, and application of substantive criminal law, utilizing the case- study method.

**SPEA-J 302 Procedural Criminal Law (3 cr.)** P: SPEA-J 101. Criminal law application and procedure from the initiation of police activity through the correctional process, utilizing the case-study method.

**SPEA-J 303 Evidence (3 cr.)** P: SPEA-J 101. The rules of law governing proof at trial of disputed issues of fact; burden of proof; presumptions and judicial notice; examination, impeachment, competency, and privileges of witnesses; hearsay rule and exceptions—all related as nearly as possible to criminal, as opposed to civil, processes.

**SPEA-J 304 Correctional Law (3 cr.)** P: SPEA-J 101. Legal problems from conviction to release: pre-sentence investigations, sentencing, probation and parole, incarceration, loss and restoration of civil rights.

**SPEA-J 305 Juvenile Justice (3 cr.)** P: SPEA-J 101. This course is designed to provide an overview of the justice system's response to abused, neglected, and dependent children; juvenile misconduct; and delinquent behavior. An extensive review of the development of recent legal changes to the court, options for prevention, treatment of juvenile offenders, and possible system reforms.

**SPEA-J 306 The Criminal Courts (3 cr.)** P: SPEA-J 101; R: SPEA-J 201 and SPEA-J 202. An analysis of the criminal justice process from prosecution through appeal. The organization and operation of felony and misdemeanor courts are examined. Topics include prosecutorial decision making, plea bargaining, judicial selection, and the conduct of trials, sentencing, and appeal.

**SPEA-J 310 Introduction to Administrative Processes (3 cr.)** P: SPEA-J 101. Introduction to principles of management and systems theory for the administration of criminal justice agencies. Credit not given for both SPEA-J 310 and SPEA-V 270.

**SPEA-J 312 White Collar Crime (3 cr.)** P: SPEA-J 101. White collar crime is an examination of the definitions, theories, laws, and policy responses that shape crimes by corporations, government agencies, professionals, and others engaged in legitimate occupations.

**SPEA-J 320 Criminal Investigation (3 cr.)** P: SPEA-J 101. Theory of investigation, crime scene procedures, interviews, interrogations, surveillances, and sources of information; collection and preservation of physical evidence; investigative techniques in specific crimes.

**SPEA-J 321 American Policing (3 cr.)** P: SPEA-J 101; R: SPEA-J 201 and SPEA-J 202. This course will examine the history, evolution, and organization of policing in the United States. Emphasis is placed on such major contemporary issues as the police role, discretion, use of force, corruption, accountability, and community policing.

**SPEA-J 322 Introduction to Criminalistics (3 cr.)** P: SPEA-J 101; R: SPEA-J 301. The broad range of physical evidence developed through the investigative process, and methods of identifying and establishing validity and relevance through forensic laboratory techniques.

**SPEA-J 324 Technology, Crime, and Public Safety (3 cr.)** P: SPEA-J 101. Focuses on role of technological systems in criminal justice, system types available, evolving applications, usages by public safety organizations, technology use by criminals and terrorists, the management and organizational effects of technologies, training, cost issues, anticipated impacts of technologies, and the political and legal implications for citizens and the public.

**SPEA-J 331 Corrections (3 cr.)** P: SPEA-J 101; R: SPEA-J 201 and SPEA-J 202. This course examines the historical development of the U.S. correctional system; the study of administration of local, state, and federal corrections programs, including jails, probation, community corrections, and prisons. Includes the study of punishment rationales, current correctional policies, and possibilities for reform.

**SPEA-J 355 Global Criminal Justice Perspectives (3 cr.)** P: SPEA-J 101. An international review of select criminal justice perspectives and systems within the primary legal traditions of common, civil, Islamic, and socialist systems, as well as those that do not fit into established categories, such as Native American and African tribal justice.

**SPEA-J 369 Private Justice: Police, Courts, and Corrections (3 cr.)** P: SPEA-J 101. This course examines the role of private policing and security, courts and adjudication, and corrections. Includes legislative and ethical issues and the economics of criminal and juvenile justice privatization. Principles of loss prevention, protection of assets, relationship between public and private services, and current issues in privatization will be discussed.

**SPEA-J 370 Seminar in Criminal Justice (3 cr.)** P: SPEA-J 101 Selected contemporary topics in criminal justice. May be repeated for credit.

**SPEA-J 376 Principles of Public Safety (3 cr.)** P: SPEA-J 101. Examination of threats to public safety and of governmental response at various levels to those threats.

Treatment of areas such as transportation and highway threats; occupational safety and health; criminal threats; emergency and disaster planning; consumer protection; and fire control and suppression. Discussion of techniques to identify and measure risk, the acceptability of risk, and governmental attempts to control risk.

**SPEA-J 380 Internship in Criminal Justice (1-6 cr.)** P: Permission of instructor. Open to interested students who qualify upon approval of the faculty. Students may be placed with various criminal justice agencies for assignment to defined tasks relevant to their educational interests. Tasks may involve staff work or research. Full-time participants may earn up to 6 credit hours. Course is graded S /F (Satisfactory /Fail). May be repeated for credit.

**SPEA-J 387 Foundations of Homeland Security (3 cr.)** (Indianapolis and Kokomo only) Examination of the theory and research driving homeland security and emergency management measures and an analytical look at the practices and principles of homeland security from an empirical perspective.

**SPEA-J 426 Mapping and Analysis for Public Safety (3 cr.)** P: SPEA-J 101 or J 150. The use of geographic information systems to map locations of events and analyze patterns for decision making in areas of public safety including criminal justice, fire services, emergency management, and homeland security.

**SPEA-J 429 Public Safety Management and Leadership (3 cr.)** This capstone course is designed to examine the major public management principles, policy concerns, and leadership theories learned in an undergraduate management curriculum as they relate to how public safety is achieved in the field and in the policy making arena.

**SPEA-J 433 Institutional Corrections (3 cr.)** P: SPEA-J 101. The history and development of the jail, penitentiary, prison, and reformatory. Analysis and evaluation of contemporary imprisonment.

**SPEA-J 439 Crime and Public Policy (3 cr.)** P: SPEA-J 201, J 202, K 300. Senior standing or consent of instructor. A detailed examination of the major efforts designed to control or reduce crime. A review of existing knowledge is followed by an investigation of current crime control theories, proposals, and programs.

**SPEA-J 440 Corrections in the Community (3 cr.)** P: SPEA-J 101. A detailed analysis of correctional alternatives to incarceration that focus on the reintegration of the offender while remaining in the community. Because of their extensive use, considerable attention is given to probation and parole. Other topics include diversion, community residential programs, restitution, halfway houses, and home detention.

**SPEA-J 445 Trends in Corrections (3 cr.)** P: SPEA-J 101. Analysis and evaluation of contemporary correctional systems. Discussion of recent research concerning the correctional institution and the various field services.

**SPEA-J 460 Police in the Community (3 cr.)** P: SPEA-J 101. In-depth examination of crime as an urban policy problem, focusing on the role of police and victims in defining crime as a policy problem, and their role in seeking to reduce the incidence of crime.

**SPEA-J 470 Seminar in Criminal Justice (1-3 cr.)** P: Senior standing. Emphasizes current developments in legal, administrative, and operational aspects of the criminal justice system.

**SPEA-J 480 Research in Criminal Justice (1-6 cr.)** P: Junior standing and consent of instructor. Individual research under guidance of faculty member.

## Environmental

**SPEA-E 100 Environmental Topics (1-3 cr.)** Study of selected issues in environmental affairs. Topics vary from semester to semester. May be repeated for credit.

**SPEA-E 162 Environment and People (3 cr.)** Environment and People is an introductory course that examines how humans interact with their environment. This course covers multiple topics, centered-around human-environment dimensions of environmental change. The overarching objective is to develop an understanding of our impact on the planet and possible solutions to environmental degradation. Credit not given for both SPEA-E 162 and E 262.

**SPEA-S 162 Honors—Environment and People (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-E 162; however, honors students will complete advanced coursework.

**SPEA-E 260 Introduction to Water Resources (3 cr.)** P: SPEA-E 272; any biology course. This course provides an introduction to the science and management of water resources. Topics include hydrology and the water cycle; a survey of aquatic ecosystems, biota and processes; and an examination of the types and consequences of water pollution and impairment of water resources.

**SPEA-E 262 Environmental Problems and Solutions (3 cr.)** P: One semester of college-level chemistry. An integrated approach to understanding and solving environmental problems. Topics may include ecosystem restoration, surface water and groundwater contamination, air pollution, and global environmental change. This course is intended primarily for majors in the B.S.E.S. degree program.

**SPEA-E 272 Introduction to Environmental Sciences (3 cr.)** P: (no P required for Bloomington); a statistics course. Application of principles from life and physical sciences to the understanding and management of the environment. Emphasis will be placed on (1) the physical and biological restraints on resource availability and use, and (2) the technological and scientific options to solving environmental problems.

**SPEA-S 272 Honors—Introduction to Environmental Sciences (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-E 272; however, honors students will complete advanced coursework.

**SPEA-E 311 Introduction to Risk Assessment and Risk Communication (3 cr.)** This course will cover basic human health and risk assessment procedures, as outlined by the various regulatory agencies (especially EPA) and standard setting groups. Because risk

communication is an integral part of any risk management process, risk communication techniques and applications will be integrated into the course material.

**SPEA-S 311 Honors—Introduction to Risk Assessment and Risk Communication (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-E 311; however, honors students will complete advanced coursework.

**SPEA-E 316 Insects and the Environment (3 cr.)** This course introduces insects in the context of their ecological importance, their effects on humans, and the environmental/economic impacts of pest management. The course is taught in five modules: Entomology, Insect Pests, Pest Management and Risk Reduction, Policies of Pest Management and Bio-diversity, and Pollution Prevention and Benefit-Cost Analysis.

**SPEA-S 316 Honors—Insects and the Environment (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-E 316; however, honors students will complete advanced coursework.

**SPEA-E 324 Controversies in Environmental Health (3 cr.)** A skills course in a debate format. Skills are developed by researching, preparing arguments for, and debating topics related to environmental health and health of the environment. Clear writing skills are also emphasized, as the students write up debate evaluations, which are critically graded for content, form, and style.

**SPEA-E 325 Computing for Environmental Scientists (1-3 cr.)** P: (no P required for Bloomington); MATH-M 118 or M 119; K 300 or equivalent; SPEA-E 272. Survey of computing applications to environmental issues. Personal computing emphasized. Application of spreadsheets, graphics, simple statistics, and BASIC programming to environmental science issues. Manipulation and interpretation of real data, case studies, and projects. Many software packages used.

**SPEA-E 332 Introduction to Applied Ecology (3 cr.)** P: MATH-M 119 or M 211; CSCI-C 211 or BUS-K 201; and K 300. This course provides an introduction to applied ecology for non-science majors.

**SPEA-S 332 Honors—Introduction to Applied Ecology (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-E 332; however, honors students will complete advanced coursework.

**SPEA-E 340 Environmental Economics and Finance (3 cr.)** This course familiarizes students with the principles of environmental economics, finance, and cost-benefit analysis. The incentive effects of environmental policy design are assessed. Policy instruments include tradeable permits, emissions taxes, deposit-refund systems, pollution-prevention programs, and voluntary agreements. Project appraisal techniques are then developed and applied to specific case evaluations.

**SPEA-E 355 Introduction to Limnology (3 cr.)** Limnology is the integrated science of inland waters. Principles of physics, chemistry, geology, and biology combine to form the basis for understanding how lakes and streams function as aquatic ecosystems. The course will highlight the effects of human activity on lake and stream ecosystems.

**SPEA-E 363 Environmental Management (3 cr.)** Introductory course in environmental management. Subjects covered include current issues and trends, total quality environment management, managing scientific and technical personnel, managing contracts and grants, nontraditional approaches to regulation, environmental conflict resolution, working with the media, risk communication, and working with communities.

**SPEA-E 375 Techniques of Environmental Science (3 cr.)** P: SPEA-E 272 or H 316. Principles and methods of sampling, collection, measurement, analysis, interpretation, and presentation of data concerning environmental science. Through lab demonstrations and field work, students will become familiar with instrumentation and analytical methods currently used in environmental analysis. Team instruction will be used to demonstrate techniques.

**SPEA-S 363 Honors—Environmental Management (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA#E 363; however, honors students will complete advanced coursework.

**SPEA-E 400 Topics in Environmental Studies (1-3 cr.)** P: (no P required for Bloomington) SPEA-E 272. An interdisciplinary consideration of specific environmental topics. May be repeated for credit.

**SPEA-E 410 Introduction to Environmental Toxicology (3 cr.)** P: any organismal biology course. Study of toxic mechanisms, pathology, and disease development resulting from exposure to biological and chemical agents in the environment.

**SPEA-E 411 Introduction to Groundwater Hydrology (3 cr.)** An overview is presented of the theory and practice of groundwater movement, groundwater contamination, and aquifer testing and remediation, as well as policy issues such as groundwater management. The formal lectures are supplemented by several guest speakers, who are professionals working in different areas of groundwater hydrology.

**SPEA-E 412 Risk Communication (3 cr.)** Risk communication is the means by which technical information is communicated to others (the public included), especially in the context of making decisions about environmentally related policy (such as siting of a landfill). The course emphasizes both theory (in lectures) and practical experience through developing and acting in role-play scenarios.

**SPEA-E 418 Vector-Based Geographic Information Systems (3 cr.)** Introduction to geographic information systems using vector data structure Vector GIS capabilities and uses. Data structure and file management of spatial data. Laboratory exercises using ARC/INFO software.

**SPEA-E 419 Applied Remote Sensing of the Environment (3 cr.)** Applications of remotely sensed data and raster geographic information systems in environmental research. Concepts of remote sensing. Image acquisition from different sensors, ranging from aerial photography to various types of satellite imagery. Image processing and analysis. Raster geographic information systems. Raster-vector integration. Concepts of spatial analysis.

**SPEA-E 422 Urban Forest Management (3 cr.)** Originally an outgrowth of arboriculture, urban forestry now encompasses the broader concepts of managing the trees, forests and other natural resources of cities for ecological, economic, and social benefits. Lectures, discussions, and field projects will be supplemented by outside speakers. IUB and Bloomington will be the field laboratory.

**SPEA-S 422 Honors—Urban Forest Management (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-E 422; however, honors students will complete advanced coursework.

**SPEA-E 423 Environmental Health Science Technology: Managing Water and Wastes (3 cr.)** P: SPEA-H 316; MATH 153. Technology approach to preventing the transmission of disease among humans through water and wastes. Course focuses on drinking water treatment and distribution, water quality and pollution, wastewater treatment, storm water management, municipal solid waste, and hazardous waste management.

**SPEA-E 426 Applied Mathematics for Environmental Science (3 cr.)** P: Differential and Integral Calculus. Applications of mathematics to modeling environmental processes; applied calculus, numerical analysis, differential equations.

**SPEA-E 431 Water Supply and Wastewater Treatment (3 cr.)** P: (no P required for Bloomington) SPEA-E 272 or H 316; CHEM-C 101 or equivalent; MATH-M 119 or equivalent. Health and ecological premises for water and wastewater treatment; principles of water supply; treatment, distribution, and construction; basis for water standards and laboratory examinations; wastewater disposal methods and construction for private installations, institutions, municipalities, and industries; water quality control with respect to wastewater pollution.

**SPEA-E 440 Wetlands: Biology and Regulation (3 cr.)** P: SPEA-E 272 or H 316. This course focuses on structural and functional characteristics of wetlands, their importance as a natural resource and value to society. Topics include characteristics used to identify and classify wetlands, adaptations for living in wetlands, community structure and ecosystem processes, functions and values. Management of wetlands includes jurisdictional delineation and hydrogeomorphic assessment.

**SPEA-S 440 Honors—Wetlands: Biology and Regulation (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-E 440; however, honors students will complete advanced coursework.

**SPEA-E 442 Habitat Analysis—Terrestrial (3 cr.)** This is an experiential field methods course. Students work as teams, collecting field data to test hypotheses about forest habitats. Students will learn new methods and field skills in local parks and forests, then prepare scientific reports that incorporate statistical analysis to be presented in a class symposium.

**SPEA-E 443 Habitat Analysis—Aquatic (3 cr.)** This is an experiential field methods course. Students work in teams, collecting field data to test hypotheses about aquatic habitats. Students will learn new methods and field skills in local creeks, lakes, and wetlands, then prepare scientific reports that incorporate statistical analysis to be presented in a class symposium.

**SPEA-E 451 Air Pollution and Control (3 cr.)** P: (no P required for Bloomington); SPEA-E 272 or H 316; CHEM-C 101 or equivalent; MATH-M 118 or equivalent. A survey course covering the chemistry, transport, and fate of air pollutants related to current issues of air quality, such as photochemical smog, ozone depletion, particulate matter, and indoor air quality. Topics include the types, sources, health and environmental effects, measurement, evaluation, control, regulation, and modeling of air pollution concentrations.

**SPEA-E 452 Solid and Hazardous Waste Management (3 cr.)** P: (no P required for Bloomington); SPEA-E 272 or H 316. Types and sources of solid waste; collection methods; disposal techniques: sanitary landfill, incineration, composting, reclaiming, or recycling; advantages and disadvantages of each; special and hazardous waste handling; operation and management of solid and hazardous waste programs.

**SPEA-S 452 Honors—Solid and Hazardous Waste Management (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-E 452; however, honors students will complete advanced coursework.

**SPEA-E 455 Limnology (3 cr.)** P: College chemistry and biology or permission of instructor. Limnology is the ecology of inland lakes and streams, combining the principles of biology, chemistry, geology, and physics to understand how they function. The effects of human perturbation on aquatic systems will be highlighted in both lectures and laboratory work to aid student understanding of the concepts involved.

**SPEA-E 456 Lake and Watershed Management (3 cr.)** P: any college level biology or chemistry course. Students will learn to apply basic limnological principles to diagnose lake and watershed problems, to understand lake response to pollution, to identify appropriate management solutions, and to predict lake response to management.

**SPEA-S 456 Honors—Lake and Watershed Management (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-E 456; however, honors students will complete advanced coursework.

**SPEA-E 457 Introduction to Conservation Biology (3 cr.)** P: a 300-level ecology course. Ecological principles associated with rare species and with biodiversity, laws and statutes used to conserve biodiversity, and land and species management practices. The aim is to understand scientific and political complexities of conservation biology and to study different methods used to conserve living resources and resolve conflicts associated with conservation.

**SPEA-S 457 Honors—Introduction to Conservation Biology (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-E 457; however, honors students will complete advanced coursework.

**SPEA-E 459 Field Techniques in Ecology (3 cr.)** P: one semester of statistics. Course provides an introduction

to field research on ecology. Field labs teach techniques associated with geographic and map work, population estimation, habitat measurement in a variety of settings, and soil sampling. Indoor work covers descriptive, univariate, and bivariate statistical techniques, data display, and report writing.

**SPEA-E 460 Fisheries and Wildlife Management (3 cr.)** This course first reviews taxonomy, vertebrate biology, and population ecology, then introduces the student to a variety of conflicts concerning fisheries and wildlife. Cases examine endangered species, over harvesting, maximum sustained yield, habitat evaluation, and recreational use.

**SPEA-E 461 Fisheries and Wildlife Management Laboratory (3 cr.)** P: SPEA-E 272 or H 316; any biology course; and SPEA-E 460 (can be concurrent). Practical experience course in which students identify fish and wildlife in the field for the purpose of evaluating the effectiveness of and making recommendations for change to existing wildlife plans.

**SPEA-E 464 Organic Pollutants: Environmental Chemistry and Fate (3 cr.)** P: SPEA-E 536 or permission of the instructor. This course provides students with both a quantitative and intuitive understanding of the relationship between chemical structure, environmental properties, and the behavior of organic contaminants in the environment, particularly aquatic environments. Physical/ chemical properties of organic chemicals, fate determining processes, and modeling concepts will be examined in detail.

**SPEA-E 465 Environmental Management in the Tropics (3 cr.)** Historical examination of land use in tropical, non-Western cultures. Resource use in physical and cultural settings is explored through an interface with ecology, economics, and policy analysis. Common principles of analysis are used to help the students understand the cultural and historical dimensions of how people relate to their environment.

**SPEA-E 466 International and Comparative Environmental Policy (3 cr.)** This course explores how stakeholders manage environmental problems that extend beyond national borders. Key questions considered include the following: How do nations resolve environmental conflict? Is environmental diplomacy in a state of crisis? How can we improve international environmental management? Historical, contemporary, and emerging institutions for international environmental protection are examined.

**SPEA-E 470 Elements of Fluid Mechanics (3 cr.)** Introduction to the fundamental concepts of fluid mechanics that relate to environmental science. Topics are selected from three disciplines. From hydraulics: hydrostatics, flow-through pipes, and open channels. From water surface hydrology: water balances, stream-flow measurements, and calculations. From groundwater hydrology: Darcy's Law, flow nets, and pumping tests.

**SPEA-E 476 Environmental Law and Regulation (3 cr.)** Introductory course in environmental law and regulation. Subjects covered include command and control regulation, air quality, water quality, toxics, waste management, energy, natural resources, international environmental law, and alternative dispute resolution.

**SPEA-E 482 Overseas Topics in Environmental Science (0-15 cr.)** SPEA Abroad Program: study of selected topics in environmental science. Topics vary from semester to semester. may be repeated for credit.

**SPEA-E 490 Directed Field Research in Environmental Science (1-4 cr.)** Individualized laboratory or field-based research in any field of environmental science, under the direction of an advising professor. Students are expected to write a report on their research at the end of each semester. May be used to fulfill laboratory course requirement with the permission of the appropriate science department.

**SPEA-E 491 Honors Research in Environmental Science (1-4 cr.)** Individualized laboratory or field-based honors research in any field of environmental science, under direction of an advising professor. Students are expected to write a report on their research at the end of each semester. May be used to fulfill laboratory course requirement with permission of the appropriate science department.

## Public Affairs

**SPEA-K 300 Statistical Techniques (3 cr.)** P: MATH-M 014 or equivalent. R: MATH-M 118. An introduction to statistics. Nature of statistical data. Ordering and manipulation of data. Measures of central tendency and dispersion. Elementary probability. Concepts of statistical inference decision: estimation and hypothesis testing. Special topics discussed may include regression and correlation, analysis of variance, nonparametric methods. Credit not given for SPEA/PSY/CJUS/MATH K300 and ECON E 270/E 370, SOC-S 250, or PSY/MATH-K 310.

**SPEA-K 301 Statistics Laboratory (1 cr.)** This course is an optional module to accompany SPEA-K 300 Statistical Techniques and must be taken concurrently with K 300. The course focuses on application techniques being taught in K 300. This course will allow students to obtain tutoring with specific problems. Sessions are linked to K 300 lectures.

**SPEA-V 130 Representative Bureaucracy and Social Equity (3 cr.)** Diversity has become a central theme of public policy, as America has struggled to expand on the Constitution's charge to promote the general welfare. The broad parameters of diversity are discussed, including the concepts of representative bureaucracy, social equity, and affirmative action and equal employment opportunity responses to the problem.

**SPEA-V 160 National and International Policy (3 cr.)** This course will discuss current debates about United States public policy on the national and international levels. Some policy issues covered are economics, crime, security, health, and energy. Credit not given for both V 160 and V 170.

**SPEA-V 100 Current Topics in Public Affairs (1-3 cr.)** Readings and discussion of current public issues and problems. May be repeated for credit.

**SPEA-S 160 Honors—National and International Policy (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA#V 160; however, honors students will complete advanced coursework.

**SPEA-V 161 Urban Problems and Solutions (3 cr.)** An introduction to urban policy issues. Topics include political, social, and economic foundations and development of cities and suburbs; urban planning; poverty; and other selected urban problems. Credit not given for both V 161 and V 264.

**SPEA-S 161 Honors—Urban Problems and Solutions (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA#V 161; however, honors students will complete advanced coursework.

**SPEA-V 170 Introduction to Public Affairs (3 cr.)** Broad coverage of public affairs through critical and analytical inquiry into policy making at all levels of government. Particular emphasis on intergovernmental relations as they affect policy in the federal system. Credit not given for both V 160 and V 170.

**SPEA-V 212 Statistics for Public and Environmental Affairs (3 cr.)** The objectives of this course are to impart the concepts and tools of statistical analysis to students who may pursue additional coursework or careers in the public, private, or nonprofit sectors in arenas as diverse as governmental affairs, environmental management, and health management. Course assumes students have limited familiarity with statistics.

**SPEA-V 220 Law and Public Affairs (3 cr.)** (Bloomington only.) This course provides a basic understanding of the origins, process, and impact of law in the making and implementation of public policy. The course's major objective is to provide students with the substantive concepts necessary to understand the judicial system and law in its various forms.

**SPEA-S 220 Honors—Law and Public Affairs (3 cr.)** (Bloomington only.) Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 220; however, honors students will complete advanced coursework.

**SPEA-V 221 Nonprofit and Voluntary Sector (3 cr.)** This course provides a broad overview of the U.S. nonprofit sector. Topics include the sector's size and scope and its religious, historical, and theoretical underpinnings. It also examines perspectives on why people organize, donate to, and volunteer for nonprofit organizations, and looks at current challenges that the sector faces.

**SPEA-V 222 Principles of Sustainability (3 cr.)** (Indianapolis only) Meeting the needs of the present without jeopardizing the future involves an interrelationship between environmental, social, and economic systems. This course introduces and investigates the interrelationships between these approaches to synthesize a basic understanding that can lead to sustainable policies in the public, nonprofit and for-profit sectors.

**SPEA-V 226 Managing Emergency Services (3 cr.)** This course is designed to advance students' understanding of the chief administrator's role in directing police, fire, and emergency medical services on a day-to-day basis and during major disasters. This will include the challenges of planning for a major disaster, and managing the emergency and post recovery period.

**SPEA-V 241 Management Foundations and Approaches (3 cr.)** This course examines core functions of management and the political socio-economic context within which organizations operate in different sectors of employment. It is organized into five main parts: what management entails; approaches to the study of management; contextual factors; core issues; and management functions. Course concludes with a capstone exercise.

**SPEA-S 241 Honors—Management Foundations and Approaches (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 241; however, honors students will complete advanced coursework.

**SPEA-V 246 Elements of Governmental and Nonprofit Financial Accounting Cycle (3 cr.)** This course is designed to prepare students for next level courses in governmental accounting and reporting; nonprofit accounting and reporting; and health accounting and finance.

**SPEA-V 252 Career Development and Planning (1-3 cr.)** Course highlights include: identification of work values and personality preference, a career research assignment, networking assignments designed to prepare students for contact with employers, in-depth tutorial and feedback concerning how to craft a marketable resume and cover letter, and development of an overall career development plan.

**SPEA-V 260 Topics in Public Affairs (1-3 cr.)** Study of selected issues in public affairs. Topics vary from semester to semester. May be repeated for credit.

**SPEA-V 261 Computers in Public Affairs (3 cr.)** An introduction to computer applications in public affairs. Topics include basic terminology, core concepts, and issues associated with managing operating systems, designing networks, and applying user information technology to public affairs problems. Issues of security and ethics in computing are also considered. Credit given for only one of BUS-K 201, CSCI-A 106, CSCI-A 110, and SPEA-V 261.

**SPEA-V 263 Public Management (3 cr.)** This course is an examination of the management process in public organizations in the United States. Special attention will be given to external influences on public managers, the effect of the intergovernmental environment and, in particular, problems of management in a democratic, limited government system.

**SPEA-S 336 Honors—Management Concepts and Applications II (3 cr.)** P: SPEA-V 236; or SPEA-S 236 Management Concepts and Applications I. Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 336; however, honors students will complete advanced coursework.

**SPEA-V 264 Urban Structure and Policy (3 cr.)** An introduction to urban government and policy issues. Topics include urban government structure and policy making, the economic foundations and development of cities, demography of cities and suburbs, land-use planning, and other selected urban policy problems. Credit not given for both SPEA-V 161 and SPEA-V 264.

**SPEA-V 267 American Humanics Management Institute (1 cr.)** Students attending the American Humanics Management Institute (AHMI) are required to participate in orientation meetings to plan for AHMI and

raise funds for the trip. AHMI is held annually in January. Permission of the American Humanics Campus Director is required. May be repeated for credit.

**SPEA-V 268 American Humanics Topics (1-3 cr.)** Topics covering specific American Humanics competencies reflecting the particular needs and interests of participating students and the local advisory board for the program. Topics may include risk management, fundraising, board and committee development, and nonprofit marketing. Topics vary from semester to semester. May be repeated for credit.

**SPEA-V 270 Survey of Administrative Techniques (3 cr.)** Introduction to principles of management and systems theory for the administration of public agencies. Credit not given for both SPEA-V 270 and SPEA-J 310.

**SPEA-V 272 Terrorism and Public Policy (3 cr.)** A survey of the incidence of terrorism in democratic societies, with particular emphasis on public policy responses designed to combat terrorism in cities. Overviews of ongoing conflicts with terrorist organizations in various countries are interspersed with analyses of significant terrorist events and public policies and responses such events create.

**SPEA-V 236 Management Concepts and Applications I (3 cr.)** Course introduces domestic and globl challenges of management in the public, nonprofit and private sectors. Examines a range of management concepts and how they can be applied in a contemporary setting. Topics include the organizational environmental; strategic planning and management; and performance. First of a 2-part sequence.

**SPEA-V 275 Introduction to Emergency Management (3 cr.)** An examination of the background and nature of the profession, the central theoretical debates concerning natural and human- induced disasters, mitigating and reacting to these catastrophic events, and the major roles and responsibilities of emergency managers. Current practical problems and future directions will be explored.

**SPEA-S 236 Honors—Management Concepts and Applications I (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 236; however, honors students will complete advanced coursework.

**SPEA-V 310 Environmental Justice (3 cr.)** The study of disparate impact of environmental policies and practices on various population groups, both within the United States and internationally. This course includes studying the role of power, class, race and politics in the development and enforcement of environmental regulations.

**SPEA-V 320 Current Events and General Politics (3 cr.)** (Washington Leadership Program only.) Course examines Federal decision makers: who are they, how they operate, and thier paths. Speakers are from health care, finance, transportation, environment, homeland security, etc. Students attend Congressional hearings and write legislative briefs. Course concludes with a mock congressional hearing role playing by students.

**SPEA-V 322 Sustainable Management (3 cr.)** (Indianapolis only.) This course examines the role of management in public and nonprofit organizations. Special attention is given to the application of the principles of sustainability to management, methods for public and interest group participation, communication and conflict resolution, and evidence-based management designed to track organizational progress.

**SPEA-V 323 Sustainable Policy (3 cr.)** (Indianapolis only.) This course investigates the difficulties of incorporating long-term environmental, social, and economic concerns into policy proposals. The principles of sustainability are applied to policy considerations and existing policies are analyzed for their long-term impact.

**SPEA-V 336 Management Concepts and Applications II (3 cr.)** P: SPEA-V 236 Management Concepts and Applications I. This Course exposes students to a variety of theories and concepts about individuals, groups, processes, and structures in organizations. A strong emphasis will be placed on the application of these theories and concepts to improving decision making, employee work-related attitudes, and performance. Specific topics covered in the course include organizational structure and design; work motivation and job satisfaction; communications; leadership; work groups and teams; organizational power and politics; performance; organizational change and innovation; human resources management practices; and diversity. This is the second course in a two-semester management sequence that begins with V 236 Management Concepts and Applications I.

**SPEA-V 340 Urban Government Administration (3 cr.)** Structure of local government in the United States, federalism and intergovernmental relations, policy problems faced by local officials, and the implications of these problems for local government administrators.

**SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.)** P: SPEA-V 246 (Bloomington only); BUS-A 200 or BUS-A 201 (Indianapolis only); or permission of the instructor. An introduction to government accounting, including comparison with accounting for the private sector; intended as background for the use of financial administrators. The course deals primarily with municipal accounting.

**SPEA-V 348 Management Science (3 cr.)** P: SPEA-K 300, MATH-M 025, or MATH-M 118. Introduction to management science models and methods for policy analysis and public management. Methods include decision analysis, linear programming, queuing analysis, and simulation. Computer-based applications are included. Prior familiarization with computers is recommended, though not required.

**SPEA-V 350 Introduction to Development Administration (3 cr.)** Introduction to the administration of development activities in poor countries. Examines key problems, including the complexity of development, the interplay of external donors and domestic administration, and the difficulties of organizing and managing development efforts. Combines cases and textual readings, allowing the student to analyze actual programs, policies, and projects.

**SPEA-V 352 Personal Career Planning (1 cr.)** Investigation of careers, the world of work, and the career-planning process. The focal point is on students and

their goals. Provides assistance in developing practical, meaningful, and realistic insights into the nature of making a public career choice in today's world. Credit not awarded for both SPEA-V 352 and BUS-X 420.

**SPEA-V 356 Introduction to Nonprofit Accounting and Reporting (3 cr.)** P: SPEA-V 246 (Bloomington only); BUS-A 200 or BUS-A 201 (Indianapolis only); or consent of instructor. This course covers concepts and processes of nonprofit accounting and financial reporting, with exploration of differences between for-profit, governmental, and nonprofit systems. Examples will be drawn from health organizations, welfare agencies, charities, and educational institutions.

**SPEA-V 361 Financial Management (3 cr.)** P: SPEA-V 246 or BUS-A 201 (Bloomington only); BUS-A 200 or BUS-201 (Indianapolis only). This course introduces students to accounting, financial management techniques, and financial reporting. Topics include accounting such as debit/credit sheets and balance sheets, financial indicators, fund balances, fringe benefits and pensions, and payroll management.

**SPEA-V 362 Nonprofit Management and Leadership (3 cr.)** Students in this course examine the management practices of nonprofit organizations. The course encourages students to take the perspectives of nonprofit managers, volunteers, board members, policy-makers, donors, and clients. Course projects expand understanding of the nonprofit sector and develop students' management skills, analytical tools, and knowledge.

**SPEA-S 362 Honors—Nonprofit Management and Leadership (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 362; however, honors students will complete advanced coursework.

**SPEA-V 365 Urban Development and Planning (3 cr.)** P: SPEA-K 300 and SPEA-V 264. This course identifies the major problems associated with urban development in the United States, and investigates the potential of public planning strategies and tools to deal with these problems. An emphasis is placed on the application of analytical approaches to problem definition and solution.

**SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)** This course provides an introduction to the management of people in public organizations. Focus is on behavioral science in management and related analytical and experiential applications.

**SPEA-S 366 Honors—Managing Behavior in Public Organizations (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 366; however, honors students will complete advanced coursework.

**SPEA-V 368 Managing Government Operations (3 cr.)** P: SPEA-V 348. Application of analytical techniques to operating decisions in the public management sector. Cases are used extensively to illustrate the application of techniques (such as charting, capacity and demand analysis, forecasting, performance measurement, decision analysis, queuing/simulation, Markov modeling, and cost-effective analysis) to design, scheduling, inventory assignment, transportation, and replacement decisions.

**SPEA-V 369 Managing Information Technology (3 cr.)** Analysis and application of information technology to problem solving.

**SPEA-S 369 Honors—Managing Information Technology (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 369; however, honors students will complete advanced coursework.

**SPEA-V 370 Research Methods and Statistical Modeling (3 cr.)** P: SPEA-K300 or equivalent. This course will introduce the student to the basic methods, issues, analytical techniques, and ethical considerations of evaluation research.

**SPEA-V 371 Financing Public Affairs (3 cr.)** P: SPEA-V 160 (Bloomington only); SPEA-V 170 (Indianapolis only); or ECON-E 201, E 202. A survey of economic and political theories of market failures, public expenditure evaluation, economic stabilization, systems of redistribution, and fiscal federalism. Examples and applications to contemporary government decisions.

**SPEA-V 372 Government Finance and Budgets (3 cr.)** P: SPEA-V 170, ECON-E 201 or E 202 (Indianapolis only). Study of fiscal management in public agencies, including revenue administration, debt management, and public budgeting.

**SPEA-S 372 Honors—Government Finance and Budgets (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 372; however, honors students will complete advanced coursework.

**SPEA-V 373 Human Resources Management in the Public Sector (3 cr.)** The organization and operation of public personnel management systems, with emphasis on concepts and techniques of job analysis, position classification, training, affirmative action, and motivation.

**SPEA-S 373 Honors—Human Resources Management in the Public Sector (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 373; however, honors students will complete advanced coursework.

**SPEA-V 375 Emergency Services Administration (3 cr.)** An overview of management principles and functional components of EMS systems.

**SPEA-V 376 Law and Public Policy (3 cr.)** The purpose of this course is to provide a basic understanding of the origins, process, and impact of law in the making and implementing of public policy. The course's major objective is to provide students with the substantive concepts necessary to understand the judicial system and law in its various forms.

**SPEA-V 377 Legal Process and Contemporary Issues in America (3 cr.)** P: SPEA-V 220 (Bloomington only); SPEA-V 376. An introduction to the U.S. legal system, including the Constitution, courts system, and administrative law in federal and state agencies. Readings and discussion center around current issues affected by the legal process.

**SPEA-S 377 Honors—Legal Process and Contemporary Issues (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 377; however, honors students will complete advanced coursework.

**SPEA-V 378 Policy Processes in the United States (3 cr.)** P: senior standing. Intended as an integrative senior course, primarily for SPEA students. Course content includes analytical perspectives of the policy process, the centers of policy, and the public interest. Selected cases involving problem analysis and decision making on public issues are included, as well as discussion of current policy issues.

**SPEA-S 378 Honors—Policy Processes in the United States (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 378; however, honors students will complete advanced coursework.

**SPEA-V 379 Performance Measurement and Program Evaluation (3 cr.)** This course provides an overview of program evaluation as it relates to public affairs, criminal justice, health policy, and environmental science with particular emphasis on measuring program outcomes. The course is designed for students who envision themselves working in management, policy-making, or research roles.

**SPEA-V 380 Internship in Public and Environmental Affairs (0-6 cr.)** P: permission of instructor. Open to interested students upon approval of the faculty. Students are placed with public agencies or governmental units for assignment to a defined task relevant to their educational interests in public affairs. Tasks may involve staff work or research. Full-time participants may earn up to 6 credit hours. Course is graded S/F (Satisfactory/Fail). May be repeated for credit.

**SPEA-V 381 Professional Experience (1-6 cr.)** Students will be required to fulfill a minimum of 120 hours of professional relevant work.

**SPEA-V 382 Political Action and Civic Engagement (3 cr.)** Examines citizen efforts to effect social change, with an emphasis upon political movements and parties as mechanisms for achieving that change.

**SPEA-V 386 Case Studies for Policy Analysis (3 cr.)** This course focuses on analyzing case studies of public policies using a variety of disciplinary perspectives, including application of the principles and concepts of intermediate microeconomic theory.

**SPEA-V 387 Public Administration and Emergency Management (3 cr.)** An examination of the American federal system and how it affects policy making and emergency management. Topics include government programs, participation of agencies and actors from all three levels of government, the nonprofit sector, and the private sector. Administrative processes involved in managing major hazards and disasters will be presented.

**SPEA-V 388 American Humanics Internship (3-6 cr.)** American Humanics, Inc. requires an internship of 300 to 600 contact hours. A minimum of 3 credit hours is required. Credits will be given at the rate of 1 hour = 100 internship hours. Permission of the American Humanics Campus Director is required.

**SPEA-V 389 Risk and Hazard Mitigation (3 cr.)** An examination of the principles and practice of risk and hazard mitigation at all levels of government and private industry. The tools, techniques, resources, programs, intergovernmental relationships, public-private partnerships, and the broader social context involved in planning for organizational and business continuity and implementing risk reduction strategies are covered.

**SPEA-V 390 Readings in Public and Environmental Affairs (0-3 cr.)** P: permission of instructor. Independent readings and research related to a topic of special interest to the student. Written report required. May be repeated for credit.

**SPEA-V 391 Honors Readings in Public and Environmental Affairs (1-3 cr.)** P: approval of instructor and SPEA honors advisor. Restricted to students in SPEA Honors Program. May be repeated for credit.

**SPEA-V 401 Financial and Cost-Benefit Analysis (3 cr.)** P: SPEA-V 361 (Bloomington only). This course familiarizes students with the principles of financial analysis, cost-benefit analysis, and Kaldor / Hicks accounting. Topics include net present value calculation; net annual worth; public and private decision criteria; and market data adjustment for taxes, rents, and other market distortions.

**SPEA-V 405 Public Law and the Legislative Process (3 cr.)** This course focuses on Congress as a policy-making body in the U.S. public law system. It covers the constitutional framework for congressional operations, as well as technical aspects of the legislative process such as bill drafting and analysis, the role of leadership, and the prerogatives of individual members.

**SPEA-S 405 Honors—Public Law and the Legislative Process (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 405; however, honors students will complete advanced coursework.

**SPEA-V 406 Public Law and the Electoral Process (3 cr.)** The purpose of this course is to facilitate understanding of the interaction of electoral politics and policy. It covers the legal framework of the evolution of the "right" to vote, the impact of the judiciary on the structure of elections, limitations on campaign practices, and the importance of legislative districting and its control.

**SPEA-V 407 Public Law and Government Relations (3 cr.)** P: SPEA-V 220 Law and Public Affairs. The purpose of this course is to build understanding of government relations work as applied to careers in the field. It covers the historical evolution of the constitutional right to petition the government with an understanding of the limitations imposed upon the process. The interaction of public and private sectors is included.

**SPEA-V 406 Public Law and the Electoral Process (3 cr.)** The purpose of this course is to facilitate understanding of the interaction of electoral politics and policy. It covers the legal framework of the evolution of the "right" to vote, the impact of the judiciary on the structure of elections, limitations on campaign practices, and the importance of legislative districting and its control.

**SPEA-V 407 Public Law and Government Relations (3 cr.)** The purpose of this course is to build understanding

of government relations work as applied to careers in the field. It covers the historical evolution of the constitutional right to petition the government with an understanding of the limitations imposed upon the process. The interaction of public and private sectors is included.

**SPEA-S 407 Honors—Public Law and Government Relations (3 cr.)** P: SPEA-S 220. Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 407; however, honors students will complete advanced coursework.

**SPEA-V 408 Individual Rights, Common Goods, and Public Policies (3 cr.)** This course considers the tension between individual and majoritarian rights in our constitutional system, and the effects of that tension on the formulation of public policy.

**SPEA-V 412 Leadership and Ethics (3 cr.)** This course is designed to examine the complex leadership issues and challenges facing communities and to explore how citizens and government can work together to address these challenges. This includes exploration of how the problems, conflicts, and dilemmas encountered by leaders when making decisions must be considered within an ethical framework.

**SPEA-V 419 Sustainable Community Development (3 cr.)** This course examines the challenges of achieving sustainable community development and explores how community planning, zoning, regulation, legistlation, economic policy, transportation strategy, energy policy, and stakeholder engagement can work together to minimize long-term costs and maximize long-term benefits to a community's ecosystem, economy, culture, and public health.

**SPEA-V 421 Metropolitan Development (3 cr.)** Discussion of the process of development in metropolitan regions. Includes topics such as economic development, land use evolution, and demographic change. Consideration of relevant policy issues.

**SPEA-V 422 Transportation Policy Analysis (3 cr.)** This course examines current issues in transportation to identify the key analytic and management issues that must be considered in developing effective public policy. Particular emphasis will be placed on examining the rationale for and actual impact of existing government policies, and on analyzing the likely impacts of policy alternatives.

**SPEA-V 423 Sustainable Urban Environments (3 cr.)** (Indianapolis only.) An introduction to the policy issues facing urban government in creating sustainable policies. The course investigates the social, fiscal, economic, physical, and political aspects of sustainable policies applied to the urban setting.

**SPEA-V 432 Labor Relations in the Public Sector (3 cr.)** P: SPEA-V 373 (Bloomington only). An introductory overview of labor relations in the public sector. Course includes the development, practice, and extent of the collective bargaining process and administration of the labor agreement by state and local governments.

**SPEA-S 432 Honors—Labor Relations in the Public Sector (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA#V 432; however, honors students will complete advanced coursework.

**SPEA-V 434 NGO Management in Comparative Perspective (3 cr.)** This course takes an interdisciplinary, comparative perspective to achieve its primary goal: to help students engage in critical comparative analysis of the external environments in which NGOs function across different regions of the world in order to better "fit" internal organizational management processes to external constraints and opportunities.

**SPEA-V 435 Negotiation and Alternative Dispute Resolution (3 cr.)** This course introduces students to the theories and techniques of alternative dispute resolution. The course covers interest-based negotiation, mediation, arbitration, fact-finding, early neutral evaluation, and other techniques used in business, labor relations, environmental disputes, family relations, and international affairs.

**SPEA-S 435 Honors—Negotiation and Alternative Dispute Resolution (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 435; however, honors students will complete advanced coursework.

**SPEA-V 436 Communication for Government and Nonprofit Organizations (3 cr.)** This course will develop an appreciation regarding the critical nature of communication by managers in the public and nonprofit sector. It will introduce students to the skills critical for effective communication as professionals.

**SPEA-S 436 Honors—Communication for Government and Nonprofit Organizations (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA#V 436; however, honors students will complete advanced coursework.

**SPEA-V 438 Mass Media and Public Affairs (3 cr.)** Course analyzes the role of the media in the formation of public policy, including the responsibility of journalists, legal and ethical constraints, business pressures and their effects, impact of technology, and similar issues.

**SPEA-V 441 Topics in Financial Management and Policy (3 cr.)** P: SPEA-V 372. Various topics focusing on financial management and policy are examined in state and local settings. May be repeated for credit.

**SPEA-V 442 Topics in Budgeting or Cost-Benefit (3 cr.)** P: SPEA-V 372. Various topics in budgeting or cost-benefit analysis are examined. Course may be repeated for different topics.

**SPEA-V 443 Managing Workforce Diversity (3 cr.)** The composition and nature of the workforce is changing. Managers must decide how to accommodate real differences among the members of their organizations. This course seeks to provide information for practitioners who hope to integrate an understanding of workforce diversity into their management style and professional behavior.

**SPEA-V 444 Public Administrative Organization (3 cr.)** A review of research findings and analysis of the operation of public agencies and their performance.

**SPEA-V 447 Federal Budget Policy (3 cr.)** Examination of the institutions and processes involved in putting

together the annual federal budget, with emphasis on the role of the Appropriations and Budget Committees in Congress, on the White House, and on the Office of Management and Budget in the executive branch. Selected major policy areas will be considered.

**SPEA-V 449 Senior Policy Seminar (3 cr.)** Discussion of the role of policy analysts in government. Applications of analytical tools to substantive policy areas such as transportation, community development, education, poverty, manpower, and health.

**SPEA-V 450 Contemporary Issues in Public Affairs (1-3 cr.)** Extensive analysis of selected contemporary issues in public affairs. Topics vary from semester to semester. May be repeated for credit.

**SPEA-V 451 Social Policy and the Aging (3 cr.)** A focused examination of government and the elderly. Public policy and administration of income, health, housing, employment, and social service programs, as well as analysis of the context of aging policy.

**SPEA-V 456 Topics in Public Law (3 cr.)** Extensive analysis of selected contemporary issues in public law. Topics vary from semester to semester. May be repeated for credit.

**SPEA-V 457 Management Science in the Public Sector (3 cr.)** P: CSCI-C 211, SPEA-K 300, and SPEA-V 348. An intermediate treatment of management science methods, with primary application to public managerial decision support. Topics include network analysis, queuing, simulation, and others. Computer- based analysis is emphasized.

**SPEA-V 458 Fund Development for Nonprofit Organizations (3 cr.)** Course builds an understanding of the practice, philosophy, law, and theory of fundraising. Students establish an organization's value base and mission, prepare funding appeals, evaluate readiness for a campaign, assess funding sources, implement fundraising vehicles, evaluate effectiveness, and discuss stewardship of contributions.

**SPEA-V 460 Intergovernmental Relations (3 cr.)** Overview of the dynamics of multi- organizational governance in the United States. Examination of federal and other systems. Structure and operations of intergovernmental programs and the role of managers within these systems.

**SPEA-V 461 Computer Applications in Public Affairs (3 cr.)** P: BUS-K 201. This course is designed to provide students with the essentials of computer hardware and software needed to operate effectively in a public sector environment. The course will emphasize public sector applications using software packages or microcomputers and minicomputers.

**SPEA-V 462 Community Development (3 cr.)** The process and outcomes of local citizen-based efforts to improve social, economic, and cultural conditions. Interaction of public and nonprofit sectors in community revitalization. Experiences, cases, and problems involving both rural and urban settings.

**SPEA-V 463 Interpersonal Relations in the Workplace (1-4 cr.)** P: SPEA-V 236 Management Concepts and Applications I and SPEA-V 336 Management Concepts and Applications II for Bloomington only. Key interpersonal skills will be modeled through a variety of media and experiences. Students will practice these skills and receive feedback. Students will be expected to participate in structured experiences designed to give them insight into their behavior and how it will affect their ability to achieve personal and professional objectives.

**SPEA-S 463 Honors—Interpersonal Relations in the Workplace (1-4 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-V 463; however, honors students will complete advanced coursework.

**SPEA-V 465 Geographic Information Systems for Public and Environmental Affairs (3 cr.)** Students will learn the concepts, methodologies, and perspectives essential for using geographic information systems (GIS) to address critical public affairs issues. Through course projects, students will learn how to use desktop and Internet-based GIS applications and will develop complementary skills related to designing and implementing GIS applications for public-sector organizations.

**SPEA-V 470 Community Development Workshop (3 cr.)** This course will be conducted as an undergraduate research workshop. The focus will be on community development problems, such as long-range planning, the delivery of government services, or local economic development. The research topic of the course will change each year and will be announced the previous semester.

**SPEA-V 471 Urban Management Systems (3 cr.)** This course is designed to extend the student's skill in applying a variety of qualitative and quantitative methods to the problems of urban government planning and management.

**SPEA-V 473 Management, Leadership, and Policy (3 cr.)** P: SPEA-V 236 Management Concepts and Applications I and SPEA-V 336 Management Concepts and Applications II for Bloomington only; P: SPEA-K 300 and SPEA-V 370 for Indianapolis only. This course seeks to integrate learning across the public affairs curriculum. Students will review and reflect about their learning in management, leadership, and policy. Experiential methods–service learning, projects, cases, and exercises–will be used to help students apply theory, concepts, and skills.

**SPEA-V 475 Database Management Systems (3 cr.)** P: SPEA-V 261, V 369, or equivalent. Students learn contemporary theories and methodologies regarding design, use, and management of database systems among public-sector organizations. The course provides hands-on experience with tools such as entity-relationship diagrams, query languages, database management software; and an understanding of critical database management issues such as security, backup, and recovery.

**SPEA-V 482 Overseas Topics in Public Affairs (0-15 cr.)** SPEA Abroad Program: Study of selected topics in public affairs. Topics vary from semester to semester. May be repeated for credit.

**SPEA-V 490 Directed Research in Public and Environmental Affairs (0-3 cr.)** To be arranged with the

individual instructor and approved by the chairperson of the undergraduate program. May be repeated for credit.

**SPEA-V 491 Honors Research in Public and Environmental Affairs (1-3 cr.)** P: Approval of instructor and SPEA honors advisor. Restricted to students in the SPEA Honors Program. May be repeated for credit.

**SPEA-V 499 Honors Thesis (3 cr.)** Required of seniors in the Honors Program. Research and paper to be arranged with individual instructor and approved by the campus SPEA Honors Program director. May be repeated for credit.

## Public Health

**SPEA-H 120 Contemporary Health Issues (1-3 cr.)** An examination of current public health, environmental health, and health service delivery issues in the United States. Topics include the organization and costs of health systems, access to care, the interrelationships between risk factors and health, and environmental challenges facing our society and their impact on health.

**SPEA-H 124 Health Care Management and Policy (3 cr.)** Bloomington only. An overview of the U.S. health care delivery system. It examines the organization, function, and role of the system; current system problems; and alternative systems or solutions.

**SPEA-S 124 Honors—Health Care Management and Policy (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-H 124; however, honors students will complete advanced coursework.

**SPEA-H 126 Introduction to Careers in Health Administration (1 cr.)** Introduces students to different careers and opportunities in the field of health care administration.

**SPEA-H 267 Career Development and Planning (1-3 cr.)** (BSPH Bloomington students only.) Course highlights include: identification of work values and personality preference, career research assignments, networking assignments designed to prepare students for contact with employers, in-depth tutorial and feedback concerning how to craft a marketable resume and cover letter, and development of an overall career development plan.

**SPEA-H 316 Environmental Health Science (3 cr.)** A study of human interaction with the environment and potential impacts of environmental agents on health and safety. Hazards from natural sources and human activities that contaminate our air, land, water, food, homes, neighborhoods, and workplaces are examined. Environmental control activities, including pollution control technology and policy, are also examined.

**SPEA-S 316 Honors—Environmental Health Science (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA--H 316; however, honors students will complete advanced coursework.

**SPEA-H 321 Health Policy Seminar (3 cr.)** An Introduction to health policy in the United States for IU in DC students, including how health policy is made, implemented, and reformed. Students will engage in discussion, analysis and critique of various health policies and are expected to bring insights from their internships into the classroom discussions.

**SPEA-H 322 Principles of Epidemiology (3 cr.)** A basic overview of epidemiologic methodology and techniques. Both communicable and chronic disease risk factors will be discussed, along with data acquisition, analysis techniques, and current published epidemiological studies.

**SPEA-H 324 Health Policy (3 cr.)** P: SPEA-H 320. This course will focus on current health policy issues within the context of the U.S. health care system. The course will familiarize students with the political environment of public policy, introduce major health care policy perspectives, and apply those analytical models to a series of health policy issues.

**SPEA-H 341 Legal Aspects of Health Care Administration (3 cr.)** Bloomington only. An overview of the liability and legal responsibility, as well as legal recourse, that health care facilities may exercise. This course will discuss policies and standards relating to health facility administration. Also included is a discussion of financial aspects unique to the hospital/ health care facility environment, such as third-party payments and federal assistance.

**SPEA-S 341 Honors—Legal Aspects of Health Care Administration (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-H 441; however, honors students will complete advanced coursework.

**SPEA-H 342 Community Health Education (3 cr.)** A study of theory and practice in the field of professional health education. The process of behavioral change is examined. Procedures for the planning, delivery, and evaluation of health education practices are considered.

**SPEA-H 352 Health Care Finance I (3 cr.)** Bloomington only. First of a two-course sequence on the financial management of health care organizations; introduces financial environment of providers and concepts of financial accounting critical to decision-making. Topics include financial statement analysis (specific emphasis on unique features of health care financial statements), accounting and managerial control of cash, accounts recievable, inventory, and budgeting.

**SPEA-H 353 Health Care Finance II (3 cr.)** P: SPEA-H 352. Bloomington only. Course focus is financial management of health care organizations; assessing critical decision-making concepts in managerial accounting and finance. Topics include evaluation of capital investments, financing sources, managerial accounting including cost behavior, profit analysis, and incremental analysis, reimbursement under various third-party payer environments, cost allocation and government reporting.

**SPEA-S 353 Honors—Advanced Health Finance and Budgeting (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-H 353; however, honors students will complete advanced coursework.

**SPEA-H 354 Health Economics (3 cr.)** This course applies economics to the study of administrative and policy issues in the health care sector. Economic concepts are used to explain the system of health care financing

and the organization of health care delivery in the U.S. The economic evaluation of health care programs is also discussed.

**SPEA-H 365 Health Services Practicum (1-3 cr.)** P: SPEA-H 320. The Health Services Practicum will consist of a personal career- planning component coupled with weekly field visits to health care agencies in central Indiana. Students must perform satisfactorily in both parts of the practicum to receive a passing grade.

**SPEA-H 367 Environmental Science and Health Practicum (2 cr.)** P: SPEA-H 316. The Environmental Science and Health Practicum will consist of a personal career-planning component coupled with weekly field visits to environmental science and health-related organizations in central Indiana. Students must perform satisfactorily in both parts of the practicum to receive a passing grade.

**SPEA-H 371 Human Resources Management in Health Care Facilities (3 cr.)** This course covers the function of management, which is concerned with the acquisition, development, and use of human resources in the field of health care delivery. Labor relations relating to health care delivery are also included.

**SPEA-H 374 Health Management Ethics (3 cr.)** P: SPEA-H 124 and senior standing. This course examines health care ethical decision making challenges from the managerial perspective and explores broader policy issues associated with ethical problems in health care institutions. It provides an overview of general theories of ethical challenges in everyday managerial activities.

**SPEA-S 374 Honors—Health Management Ethics (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-H 374; however, honors students will complete advanced coursework.

**SPEA-H 401 Strategic Planning for Health Care Organizations (3 cr.)** This course examines strategic planning techniques as they apply to health care organizations. Students will develop and defend a comprehensive strategic plan for a case facility. One half of the course will be conducted in a workshop format.

**SPEA-H 402 Hospital Administration (3 cr.)** P: SPEA-H 320. The study of organization, structure, function, and fiscal operations within hospitals. The role of the hospital in the community, relationship to official and voluntary health agencies, coordination of hospital departments, and managerial involvement will be examined.

**SPEA-H 411 Chronic and Long-Term Care Administration (3 cr.)** Administering programs across the continuum of care including nursing homes, hospice, home health, and assisted living; Medicare and Medicaid financing; quality improvement; care management; and needs of special populations, particularly vulnerable elders.

**SPEA-H 416 Environmental Health Policy (3 cr.)** Study of professional requirements and duties of the environmental health functions within health agencies; consideration of applicable laws and standards in each environmental health function; environmental health program planning, evaluation, implementation, and personnel responsibilities.

**SPEA-H 422 The Social Epidemics: AIDS, Violence, and Substance Abuse (3 cr.)** (Fort Wayne only.) This course examines HIV/AIDS, violence, and substance abuse in the context of racial, gender, sexual orientation, and class dynamics that may underlie the way these pathologies affect certain populations. Emphasized is the recognition that how we define disease and causation can influence how we attempt to find a cure.

**SPEA-H 423 Disease Vector Control (3 cr.)** Survey of animal and insect disease vectors and economic pests of public health significance; vector and pest identification and control procedures; survey of the classification, application, and restriction of pesticides in controlling disease vectors and economic pests commonly found in the United States.

**SPEA-H 428 Food Science and Sanitation (3 cr.)** Basic concepts of food technology, with emphasis on methods and procedures in food processing to minimize contamination and to prevent food-related illness. Federal, state, and local food laws and inspection procedures will be examined.

**SPEA-H 432 Health Care Marketing (3 cr.)** A practical study of marketing in health care institutions, health service organizations, and health insurers. A basic foundation in marketing principles, new methods in marketing products and services, and inexpensive marketing techniques will be examined.

**SPEA-S 432 Honors—Health Care Marketing (3 cr.)** Requires consent of SPEA Honors advisor. Course covers same content as SPEA-H 432; however, honors students will complete advanced coursework.

**SPEA-H 433 Industrial Hygiene (3 cr.)** Survey of the technical and regulatory aspects of protecting the health and safety of workers. Topics include basic toxicology; skin, eye, and respiratory hazards; measuring hazardous atmospheres; ventilation systems; fire and explosion hazards; emergency response; occupational hearing loss; radiation; prevention of accidents; cumulative trauma; and personal protective equipment.

**SPEA-H 448 Public Health Education Methods (3 cr.)** Usual techniques of group work with investigations of social and psychological factors that determine effectiveness in promoting public health. Laboratory time provides opportunity for competence in group work and in design and use of promotional materials.

**SPEA-H 455 Topics in Public Health (1-3 cr.)** Extensive discussion of selected topics in public health. The topic may change from semester to semester, based on resource availability and student demand. May be repeated for credit.

**SPEA-H 456 Health Care Reimbursement (3 cr.)** Course examines the organizational structures of managed care as used in the health industry. The strengths and weaknesses of managed care organizations are examined, as well as the performance of both public and private managed care organizations. Course also examines and discusses current issues surrounding managed care.

**SPEA-S 456 Honors—Health Care Reimbursment (3 cr.)** Requires consent of SPEA Honors advisor. Course

covers same content as SPEA-H 456; however, honors students will complete advanced coursework.

**SPEA-H 459 Environmental Science and Health Data Analysis (3 cr.)** P: SPEA-H 316; SPEA-K 300; 1 semester of chemistry. Provides students with an understanding of the basic principles needed to perform sampling and analysis of field and laboratory environmental data. Topics include properties of chemical and biological constituents, detection limits, calibration, quality control, precision accuracy, and statistical analysis.

**SPEA-H 460 Techniques in Environmental Science and Health (3 cr.)** P: SPEA-H 459. Basic physical, chemical, and biological examinations and standards for potable water quality, wastewater treatment determinations, and stream pollution control. Basic physical, chemical, and biological (ergonometric) examinations used in industrial hygiene and air pollution control. Instruction in basic laboratory skills and techniques for performing these examinations.

**SPEA-H 466 Public Health Field Experience (1-6 cr.)** Supervised advanced training in professional and technical functions in public health; guided student activity and performance in professional public health functions. Individualized programs may be arranged to suit students' areas of concentration. Students will be required to fulfill a minimum of 120 hours of professional relevant work.

**SPEA-H 472 Applied Health Care Administration (3 cr.)** P: SPEA-H 320 and senior standing. This course is a study of the complexities of multi- institutional arrangements and integrated services in the U.S. health care industry. The focus is applying management skills to and making comparisons of the current driving forces among health care delivery system components.

**SPEA-H 491 Directed Research in Public Health — Honors (3 cr.)** This is an intensive research course for undergraduate public health majors in SPEA's Honors Program. The course focuses on theories, concepts, and case material selected by the student in consultation with a faculty member. Key research products for the course may include a substantial research paper or institutional analysis.

**SPEA-H 492 Global Health Issues and Management (3 cr.)** An overview of the theoretical underpinnings of, and current issues within, global health management. Topics include the impact of globalization on disease, health organization, program management, management of humanitarian events, and health system planning. The necessity of collective obligation and action for global health will be a recurring theme.

# Faculty

## Current Faculty

- Afoaku, Osita, Ph.D. (Washington State University, 1991), Clinical Professor of Public and Environmental Affairs (IUB)
- Attari, Shahzeen, Ph.D., (Carnegie Mellon University, 2009), Assistant Professor of Public and Environmental Affairs (IUB)
- Audretsch, David, Ph.D. (University of Wisconsin, 1980), Ameritech Chair of Economic Development; Director, Institute for Development Strategies; Director, Institute for European Studies; Distinguished Professor of Public and Environmental Affairs; Adjunct Professor of Geography (Graduate School) (IUB)
- Auer, Matthew, Ph.D. (Yale University, 1996), Dean, Hutton Honors College; Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Baggetta, Matthew, Ph.D. (Harvard University, 2009), Assistant Professor of Public and Environmental Affairs (IUB)
- Baker, John G., J.D. (Indiana University, 1971), Adjunct Professor of Public and Environmental Affairs (IUB)
- Barnes, A. James, J.D. (Harvard University, 1967), Dean, School of Public and Environmental Affairs, 1988-2000; Professor of Public and Environmental Affairs; Adjunct Professor of School of Law (Graduate School) (IUB)
- Baumer, Terry L., Ph.D. (Loyola University of Chicago, 1980), Executive Associate Dean, Indianapolis Programs; Associate Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Bingham, Lisa, J.D. (University of Connecticut, 1979), Keller-Runden Chair in Public Service; Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Bowers, Ashley, Ph.D. (University of Michigan, 2011), Director of Center for Survey Research; Clinical Assistant Professor of Public and Environmental Affairs (IUB)
- Brass, Jennifer, Ph.D. (University of California-Berkeley, 2010), Assistant Professor of Public and Environmental Affairs (IUB)
- Brehm, Sharon, Ph.D. (Duke University, 1973), Professor of Psychology; Adjunct Professor of Public and Environmental Affairs (IUB)
- Carboni, Julia, Ph.D. (University of Arizona, ABD), Assistant Professor Public and Environmental Affairs (IUPUI)
- Carley, Sanya, Ph.D. (University of North Carolina-Chapel Hill, 2010), Assistant Professor of Public and Environmental Affairs (IUB)
- Cate, Beth, M.A.J.D., (Harvard Law School, 1991), Associate Professor of Public and Environmental Affairs (IUB)
- Chang, Joice, Ph.D. (Indiana University, 2011), J.D. (Ohio State University Moritz College of Law, 2003), Visiting Assistant Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Clark, John, Ph.D. (University of California, Berkeley, 1993), Visiting Assistant Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Clark, Melissa, M.A. (Indiana University, 1999), Lecturer of Public and Environmental Affairs (IUB)
- Craft, Christopher, Ph.D. (North Carolina State University, 1987), Professor of Public and Environmental Affairs (Graduate School) (IUB); Director, Ph.D. Program in Environmental Science (IUB)
- DeLong, Brian, M.A. (Wake Forest University, 2008), Lecturer of Public and Environmental Affairs; IU Debate Coach (IUB)

- Desai, Sameeksha, Ph.D. (George Mason University, 2008), Assistant Professor of Public and Environmental Affairs (IUB)
- Desmond, Scott, Ph.D. (University of Washington, 2004), Visiting Assistant Professor of Public and Environmental Affairs (IUPUI)
- Dumortier, Jerome, Ph.D. (Iowa State University, 2011), Assistant Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Duncan, Denvil, Ph.D. (Georgia State University, 2010), Assistant Professor of Public and Environmental Affairs (IUB)
- Dunning, Jeremy D., Ph.D. (University of North Carolina, 1978), Professor of Public and Environmental Affairs (part time); Professor of Geological Sciences (Graduate School) (IUB)
- Edwards, Michael, Ph.D. (North Dakota State University-Fargo, 1999), Clinical Assistant Professor of Public and Environmental Affairs; Clinical Assistant Professor of Chemistry (IUB)
- Fernandez, Sergio, Ph.D. (University of Georgia-Athens, 2004), Director, Ph.D. in Public Policy and Public Affairs; Assistant Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Fischer, Burnell C., Ph.D. (Purdue University, 1974), Clinical Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Fleischman, Forrest D., Ph.D. (Indiana University, 2012) Visiting Lecturer of Public and Environmental Affairs (IUB)
- Foley, William Jr., Ph.D. (Indiana University, 2005), Lecturer of Public and Environmental Affairs (IUPUI)
- Franke, Derrick R., M.A. (University of Maryland, College Park, 2006), Visiting Assistant Professor of Public and Environmental Affairs (IUPUI)
- Freedman, Seth, Ph.D. (University of Maryland, 2010) Assistant Professor of Public and Environmental Affairs (IUB)
- Garcia, Crystal, Ph.D. (University of California, 1996), Associate Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Gazely, Beth, Ph.D. (University of Georgia-Athens, 2004), Assistant Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Good, David H., Ph.D. (University of Pennsylvania, 1985), Director, Transportation Research Center; Associate Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Graham, John D., Ph.D. (Carnegie-Mellon University, 1983), Dean, School of Public and Environmental Affairs; Professor of Public and Environmental Affairs (Graduate School)
- Grommon, Eric, L., Ph.D. (Michigan State, 2010), Assistant Professor of Public and Environmental Affairs (IUPUI)
- Grønbjerg, Kirsten, Ph.D. (University of Chicago, 1974), Professor of Public and Environmental Affairs; Efroymson Chair in Philanthropy; Adjunct Professor of Philanthropic Studies (Graduate School) (IUB/IUPUI)
- Guo, Chao, Ph.D. (University of Southern California, 2003), Associate Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Hartzer, Craig E., Ph.D. (Miami University, 1987), Director, Executive Education; Clinical Professor of Public and Environmental Affairs (IUPUI)
- Heim, Bradley, Ph.D. (Georgia State University, 2010), Associate Professor of Public and Environmental Affairs (IUB)
- Henshel, Diane, Ph.D. (Washington University, 1987), Associate Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Herzig, Monica, D.M.E. (Indiana University, 1997), Lecturer of Public and Environmental Affairs (IUB)
- Hites, Ronald A., Ph.D. (Massachusetts Institute of Technology, 1968), Director, Environmental Science Research Center; Distinguished Professor of Public and Environmental Affairs; Distinguished Professor of Chemistry (part time) (Graduate School) (IUB)
- Hughes, Cheryl, M.B.A. (Indiana Wesleyan Univeristy, 2002), Lecturer of Public and Environmental Affairs (IUB)
- Jain, Chaman L., Ph.D. (Indiana University, 1975), Senior Lecturer of Public and Environmental Affairs (IUB)
- Jarjoura, G. Roger, Ph.D. (University of Maryland, 1990), Associate Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Johnson, Craig, Ph.D. (State University of New York at Albany, 1993), Associate Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Jung, Haeil, Ph.D. (University of Chicago, 2009), Assistant Professor of Public and Environmental Affairs (IUB)
- Karragac, John, Ph.D. (Johns Hopkins University, 1977), Lecturer of Public and Environmental Affairs (IUB)
- Kennedy, Sheila Suess, J.D. (Indiana University, 1975), Director, Programs in Public Affairs; Professor of Public and Environmental Affairs (IUPUI)
- Krauss, John, J.D. (Indiana University, 1976), Director, IU Public Policy Institute; Director, Center for Urban Policy and the Environment; Clinical Professor of Public and Environmental Affairs; Adjunct Professor of Law-Indianapolis (IUPUI)
- Kravchuk, Robert S., Ph.D. (Syracuse University, 1989), Director, Master of the Public Affairs Program - Bloomington; Professor of Public and Environmental Affairs (IUB)
- Krutilla, Kerry M., Ph.D. (Duke University, 1988), Associate Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Lame, Marc L., D.P.A. (Arizona State University, 1992), Clinical Assistant Professor of Public and Environmental Affairs (IUB); Director, Master of Science in Environmental Science Program (IUB)
- Lewis, Frank C., Ph.D. (University of Chicago, 1988), Lecturer of Public and Environmental Affairs (IUB)
- Lenkowsky, Leslie, Ph.D. (Harvard University, 1982), Clinical Professor of Public and Environmental Affairs (IUB/IUPUI)
- Littlepage, Laura, M.P.A. (New York University, 1982), Clinical Lecturer of Public and Environmental Affairs (IUPUI)
- Lupton, Suzann W., Ph.D. (Indiana University Purdue University Indianapolis, ABD; J.D.

Indiana University School of Law, Indianapolis, 1991), Visiting Assistant Professor of Public and Environmental Affairs (IUPUI)
- Luzar, E. Jane, Ph.D. (Virginia Polytechnic Institute and State University, 1986) Founding Dean, IUPUI Honors College; Professor of Public and Environmental Affairs (IUPUI)
- Lyons, Alvin, Ph.D. (Indiana University, 2009), Lecturer of Public and Environmental Affairs (IUB)
- Malatesta, Deanna, Ph.D. (University of Georgia, 2007), Assistant Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Man, Joyce, Ph.D. (Johns Hopkins University, 1992), Associate Professor of Public and Environmental Affairs (Graduate School) (IUB)
- McCaster Sommerville, Antonette, M.B.A. (DePaul University, 2003), Lecturer of Public and Environmental Affairs (IUB)
- McGuire, Michael, Ph.D. (Indiana University, 1995), Professor of Public and Environmental Affairs (IUB)
- Meretsky, Vicky, Ph.D. (University of Arizona/ Tucson, 1995), Associate Professor of Public and Environmental Affairs; (Graduate School) (IUB)
- Mesch, Debra J., Ph.D. (Indiana University, 1990), Director, Women's Philanthropy Institute; Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Mikesell, John L., Ph.D. (University of Illinois, 1969), Chancellor's Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Need, Andrea, M.S.E.S. (Indiana University, 1993), Lecturer of Public and Environmental Affairs (IUB)
- Nelson, Ashlyn, Ph.D. (Stanford University, 2005), Assistant Professor of Public and Environmental Affairs (IUB)
- Nelson, Craig E., Ph.D. (University of Texas, 1966), Professor of Public and Environmental Affairs (part time); Professor of Biology (Graduate School) (IUB)
- Newman, Scott, J.D. (University of Michigan Law School, 1985), Visiting Assistant Professor of Public and Environmental Affairs (IUPUI)
- Novick, Kimberly A., Ph.D. (Duke University, 2010), Assistant Professor of Public and Environmental Affairs (IUB)
- Nunn, Samuel, Ph.D. (University of Delaware, 1981), Director, Center for Criminal Justice Research; Professor and Senior Scholar of Public and Environmental Affairs (Graduate School) (IUPUI)
- O'Meara, Patrick, Ph.D. (Indiana University, 1970), Vice President, International Affairs; Professor of Public and Environmental Affairs; Professor of Political Science (Graduate School) (IUB)
- Ottensmann, John R., Ph.D. (University of North Carolina, Chapel Hill, 1974), Director of Urban Research; Professor of Public and Environmental Affairs; Adjunct Associate Professor of Geography (Graduate School) (IUPUI)
- Paine, Jeffrey R., D.P.A. (University of Illinois at Springfield, 2008), Lecturer of Public and Environmental Affairs (IUPUI)
- Palmer, Judith G., J.D. (Indiana University, 1974), Director, Office of Legislative and Policy Analysis; Associate Professor of Public and Environmental Affairs (part time) (IUB)
- Payton, Seth B., Ph.D. (Indiana University, 2010), Assistant Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Perry, James L., Ph.D. (Syracuse University, 1974), Director, Online Education; Distinguished Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Picardal, Flynn W., Ph.D. (University of Arizona, 1993), Associate Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Pirog, Maureen A., Ph.D. (University of Pennsylvania, 1981), Co-Director, Institute for Family and Social Responsibility; Rudy Professor of Public and Environmental Affairs; Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Plater, William M., Ph.D. (University of Illinois, 1973), Chancellor's Professor; Director, International Community Development; Professor of English; Professor of Philanthropic Studies; Professor of Informatics; Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Powell, Orville, M.P.A. (Pennsylvania State University, 1963), Clinical Associate Professor of Public and Environmental Affairs (IUB)
- Preston, Dan, M.A.L.D. (Tufts University, 2005), Lecturer of Public and Environmental Affairs (IUB)
- Quinet, Kenna, Ph.D. (University of Illinois, 1992), Associate Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Raff, Jonathan, Ph.D. (Northwestern University, 2002), Assistant Professor of Public and Environmental Affairs (IUB)
- Ray, Bradley R., Ph.D. (North Carolina State University, 2012), Assistant Professor of Public and Environmental Affairs (IUPUI)
- Reingold, David, Ph.D. (University of Chicago, 1996), Executive Associate Dean, Bloomington Programs; Professor of Public and Environmental Affairs; Adjunct Assistant Professor of Philanthropic Studies (Graduate School) (IUB)
- Renner, Terri, M.B.A. (Indiana University, 1985), Senior Lecturer of Public and Environmental Affairs (IUB)
- Resh, William, Ph.D. (The American University, Washington, DC, 2011), Assistant Professor of Public and Environmental Affairs (IUB)
- Reuveny, Rafael, Ph.D. (Indiana University, 1997), Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Richards, Kenneth R., Ph.D. (Wharton School, University of Pennsylvania, 1996), Associate Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Ringquist, Evan, Ph.D. (University of Wisconsin-Madison, 1990), Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Ross, Justin, Ph.D., (West Virginia University, 2008), Assistant Professor of Public and Environmental Affairs) (Graduate School) (IUB)
- Royer, Todd, Ph.D., (Idaho State University, 1999), Associate Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Rubin, Barry M., Ph.D. (University of Wisconsin-Madison, 1977), Director, Instructional and

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- Rushton, Michael, Ph.D., (University of British Columbia, 1990), Director, Arts Administration; Associate Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Sadiq, Abdul-Akeem, Ph.D. (Georgia State-Georgia Tech, 2009), Assistant Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Saywell, Robert M., Ph.D. (Colorado State University, 1972), Professor of Public and Environmental Affairs; Professor of Family Medicine (part-time); Adjunct Associate Professor of Nursing (Graduate School) (IUPUI)
- Shaw, Joseph, Ph.D. (University of Kentucky, 2001), Assistant Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Siddiki, Saba N., Ph.D. (University of Colorado Denver, 2011) Assistant Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Siena, Susan, Ph.D. (University of California, Berkeley, 1997) Lecturer of Public and Environmental Affairs (IUB)
- Simon, Daniel, Ph.D. (University of Maryland, 1999), Associate Professor of Public and Environmental Affairs (IUB)
- Simon, Kosali, Ph.D. (University of Maryland at College Park, 1999), Professor of Public and Environmental Affairs (IUB)
- Stager, Nan, M.S. (Indiana University, 1978), Director, Undergraduate Programs, Bloomington; Senior Lecturer of Public and Environmental Affairs (IUB)
- Stevens, Philip, Ph.D. (Harvard University, 1990), Professor of Public and Environmental Affairs; Adjunct Associate Professor of Geography (Graduate School) (IUB)
- Stucky, Thomas D., Ph.D. (University of Iowa, 2001), Director, Criminal Justice, Law and Public Safety Programs; Associate Professor of Public and Environmental Affairs (Graduate School) (IUPUI)
- Tran, Anh, Ph.D. (Harvard University, 2009) Assistant Professor of Public and Environmental Affairs (IUB)
- von Arx III, John, (Indiana University, 1981), Visiting Lecturer of Public and Environmental Affairs (IUPUI)
- Wakhungu, Henry, Ph.D. (Indiana University, 2004), Senior Lecturer of Public and Environmental Affairs (IUB)
- White, James R., M.S. (Butler University, 1982), Clinical Lecturer of Public and Environmental Affairs (IUPUI)
- White, Jeffrey R., Ph.D. (Syracuse University, 1984), Professor of Public and Environmental Affairs; Professor of Geological Sciences (part time) (Graduate School) (IUB)
- Wilkerson, Michael, M.F.A. (Johns Hopkins University, 1980), Lecturer of Public and Environmental Affairs (IUB)
- Wise, Lois R., Ph.D. (Indiana University, 1982), Director, West European Studies and European Union Center of Excellence; Professor of Public and Environmental Affairs (Graduate School) (IUB)
- Zorn, Charles Kurt, Ph.D. (Syracuse University, 1981), Vice Provost for Undergraduate Education; Professor of Public and Environmental Affairs (Graduate School) (IUB)

# Faculty Emeriti

## Emeriti Faculty

- Agranoff, Robert, Ph.D. (University of Pittsburgh, 1967), Professor Emeritus of Public and Environmental Affairs (IUB)
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- Bielefeld, Wolfgang, Ph.D. (University of Minnesota, 1990), Professor Emeritus of Public and Environmental Affairs (Graduate School) (IUPUI)
- Black, William R., Ph.D. (University of Iowa, 1969), Professor Emeritus of Public and Environmental Affairs; Professor Emeritus of Geography (Graduate School) (IUB)
- Bonser, Charles F., D.B.A. (Indiana University, 1965), Dean Emeritus and Professor Emeritus of Public and Environmental Affairs; Professor Emeritus of Business Administration (IUB)
- Buhner, John C., Ph.D. (Indiana University, 1963), Professor Emeritus of Public and Environmental Affairs; Professor Emeritus of Political Science (IUPUI)
- DeCoster, Thomas A., Ph.D. (University of Notre Dame, 1968), Professor Emeritus of Public and Environmental Affairs (IUPUI)
- Gleeson, Michael E., Ph.D. (Syracuse University, 1973), Associate Professor Emeritus of Public and Environmental Affairs (IUPUI)
- Haitjema, Hendrik, Ph.D. (University of Minnesota, 1982), Director Emeritus, Master of Science in Environmental Science Program; Director Emeritus, Ph.D. Program in Environmental Science; Professor Emeritus of Geological Sciences (part time); Adjunct Professor Emeritus of Geology (Graduate School) (IUB/IUPUI)
- Herbert, Adam W., Ph.D. (University of Pittsburgh, 1971), President Emeritus of Indiana University; Professor Emeritus of Public and Environmental Affairs (IUB)
- Hoole, Francis W., Ph.D. (Northwestern University, 1971), Professor Emeritus of Political Science; Professor Emeritus of Public and Environmental Affairs (IUB)
- Johnson, Carlyn E., J.D. (Indiana University, 1963), Professor Emeritus of Public and Environmental Affairs (IUPUI)
- Jumper, Roy, Ph.D. (Duke University, 1955), Professor Emeritus of Public and Environmental Affairs (IUB)
- Jones, William W., M.S. (University of Wisconsin, 1977), Clinical Professor Emeritus of Public and Environmental Affairs (IUB)
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- McHugh, Gerald J., D.B.A. (George Washington University, 1973), Associate Professor Emeritus of Public and Environmental Affairs (IUPUI)
- Mendelsohn, Robert I., Ph.D. (Michigan State University, 1970), Associate Professor Emeritus of Public and Environmental Affairs (IUPUI)
- Miller, Theodore K., Ph.D. (University of Iowa, 1970), Professor Emeritus of Geography; Professor Emeritus of Public and Environmental Affairs (IUB)
- Oster, Clinton., Jr., Ph.D. (Havard University, 1977), Professor Emeritus of Public and Environmental Affairs (IUB)
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- Parkhurst, David F., Ph.D. (University of Wisconsin-Madison, 1970), Professor Emeritus of Public and Environmental Affairs (IUB)
- Parks, Roger B., Ph.D. (Indiana University, 1979), Professor Emeritus of Public and Environmental Affairs (IUB)
- Patterson, D. Jeanne, D.B.A. (Indiana University, 1967), Associate Professor Emeritus of Public and Environmental Affairs (IUB)
- Peva, James, J.D. (Indiana University, 1961), Associate Professor Emeritus of Public and Environmental Affairs (IUPUI)
- Randolph, James C., Ph.D. (Carleton University, Canada, 1972) Director Emeritus, Center for Research in Energy and the Environment; Director Emeritus, Geographic Information Systems Laboratory; Professor Emeritus of Public and Environmental Affairs; Professor Emeritus of Biology (part time) (Graduate School) (IUB)
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- Rubin, Richard S., Ph.D. (Cornell University, 1973), Professor Emeritus of Public and Environmental Affairs (Graduate School) (IUB)
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