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PERMISSION OF INSTRUCTOR IS REQUIRED FOR
THE FOLLOWING SCHL280 Courses:

Please seek permission from the instructor NOW. Do not wait until registration opens. Details regarding each course are provided elsewhere in this document.

- SCHL 280C: Buddha Mind, Buddha Brain
  - For permission, contact: Professor Peter Donovick, donovick@binghamton.edu

- SCHL 280D: Istanbul: Imperial City of Splendors at the Crossroads of East & West
  - Be sure to read and understand all requirements (provided elsewhere in this document) including an additional financial obligation, before seeking permission.
  - To begin the permission process, students must fill out a form provided by the Office of International Programs at http://binghamton-oip.terradotta.com/index.cfm?FuseAction=Programs.ViewProgram&Program_ID=10076
  - For permission, contact: Professor Kent Schull, kschull@binghamton.edu
Planning For Binghamton University Scholars Courses

For those who entered the Binghamton University Scholars Program in Fall 2015:

Those who entered the Scholars Program in Fall 15 must enroll in and successfully complete a section of SCHL280 during the Spring 2016 semester unless you receive written permission to do otherwise from Professor Ziegler.

For those who entered the Binghamton University Scholars Program in Fall 2014:

Those who entered the Scholars Program in Fall 14 must enroll in and successfully complete SCHL227 during the Spring 2016 semester unless you receive written permission to do otherwise from Professor Ziegler.

For those who entered the Binghamton University Scholars Program in Fall 2013:

Those who entered the Scholars Program in Fall 13 must register for SCHL327 and complete the Scholars III requirement prior to the close of the Spring 2016 semester unless you receive written permission to do otherwise from Professor Ziegler. Use B-Engaged to submit a Scholars III pre-activity application and a post-activity application for approvals.

If you are planning to graduate early, please complete the Application for Completion of Scholars Program Requirements on B-Engaged and please email Katherine Bouman at ksbouman@binghamton.edu

For those who entered the Binghamton University Scholars Program in Fall 2012:

Those who entered the Binghamton University Scholars Program in Fall 2012 must register for SCHL427, and complete the Scholars IV requirement prior to the close of the Spring 2016 semester unless you receive written permission to do otherwise from Professor Ziegler. Use B-Engaged to submit a Scholars IV pre-activity application and a post-activity application for approvals. Additionally, the Application for Completion of Scholars Program Requirements on B-Engaged must be completed.
Graduating With Honors

To receive President’s Honors (3.5-4.0 GPA) or All-University Honors (3.25-3.49) upon graduation; those who entered the Binghamton University Scholars Program in Fall 2012 (or Fall 2013 if graduating early) must register for and complete all Scholars requirements including SCHL127, SCHL227, two SCHL280s, SCHL327 and SCHL427 prior to the close of the Spring 2016 semester unless you receive written permission to do otherwise from Professor Ziegler. Scholars must file an Application for Completion of Scholars Program Requirements on B-Engaged prior to graduation. Additionally, an overall GPA of 3.25 is required. There are no exceptions to the GPA requirement and if not met, an honors designation will not be granted at graduation even if all other requirements were completed.
Priority Registration for Binghamton University Scholars

Binghamton University Scholars priority registration time is calculated by having 24 credit hours added to the total number of credit hours you have completed. To determine your priority registration time, count the credit hours of the courses you have completed, not any courses you are currently taking, add 24, and then refer to the table below. The two values in the right-most column in the following table represent the range of credit hours completed (plus 24). Please note that 24 credit hours are added to calculate priority registration ONLY. These credits will NOT appear on BU brain when viewing your registration time slot and do not apply to degree or university requirements.

**Note: The time-table will be emailed to all Scholars when it becomes available.**
Spring 2016
Binghamton University Scholars Courses

SCHL 227: Leadership, Project Management, and Service

NOTE: All second semester sophomore Scholars are required to take this course. Please note that there is only one option for the lecture and four options for the discussion. Be sure to plan your schedule carefully so that you can register for the mandatory lecture portion of the course and one of the discussion sections.

Project Instructor: Peter Nardone, Associate Director of New Student Programs
Gen Ed designations: None
Credit Hours: 2

The lecture component will be on Mondays from 4:40-5:40pm. Registration and attendance at this session is mandatory. CRN: 27730

There will be four discussion sections. Registration and attendance at one of the discussion sessions is mandatory.

Tuesday:
10:05-11:30am CRN: 27732
2:50-4:15pm CRN: 27733

Wednesday:
12-1pm CRN: 27734
2:20-3:20pm CRN: 27735

All sections will only run for 1 hour in length, even if the schedule shows longer than one hour.

Course Description: Teams of Scholars will make a difference in the community by combining the concepts of leadership, service, and project management into one experiential learning endeavor to design, plan, and implement a service project. A commitment averaging four hours of time outside of class each week is required over the length of the semester and projects are typically conducted off campus. Open only to students enrolled in the Binghamton University Scholars Program. Two credit hours.

ASL Designation: SCHL227 has been designated a Academic Service Learning (ASL) course, which is a nationally recognized pedagogy characterized by somewhat rigid formal and
Instructor Biography: Pete Nardone is the Associate Director for New Student Programs. He is a graduate of Binghamton University receiving a B.A. in Psychology (05) and MSW (07). Prior to his current role, he worked as a Resident Director and Community Director for Residential Life from 2007-11. In addition to teaching SCHL227, he also teaches HDEV 105 and HARP 101. He loves working with students. Whether it's at New Student Orientation, events on campus or his day-to-day work, he truly appreciates all the diverse and innovative ideas our campus community brings. His hobbies include running, hiking, photography, cycling, outdoor pursuits and playing sports.

SCHL 327: Scholars III: Worlds of Experience

All Scholars expecting to complete the Scholars III requirements during the Spring 2016 semester must register for SCHL327 and complete a Scholars III Pre-Approval Application on B-Engaged before registering. Upon completion of the Scholars III activity, a Post-Approval Application must be submitted through B-Engaged. Please note that SCHL327 is a zero-credit course, but it must be completed as part of the Scholars Program requirements. A grade of P or F will appear on transcripts at the conclusion of the course.

If the Scholars III requirement is being completed as study abroad, or during the summer or semester break, then Scholars must register for SCHL327 in the semester immediately following completion of the requirements.

Course Description: Scholars III requires students to participate actively in Scholars Program activities and to seek and complete an experiential learning activity, which provides the opportunity to put into practice the knowledge gained from courses taken. Scholars III is intended to expand your perspective on your education and help you define and direct your progress from the classroom to the world of work. A commitment of at least 30 hours is required for the activity, the activity must be approved the Scholars Director in advance, and the activity must be supervised. Scholars III requirements can be achieved through a variety of experiential education activities as described in the Scholars Handbook.
Approved Scholars III activities include:

- Internships
- Study abroad
- Clinical experience
- Laboratory experience
- Research experience
- Teaching practicum
- Field study
- Music/Theater production
- Studio Experience
- Professional paper/poster presentation
- NURS 321 (Decker School of Nursing Clinical Experience)
- MGMT 350 (School of Management PWC Scholars Community Project)
- SCHL 396 (Guthrie Scholars Premedical Internship)
- Freshmen Research Immersion (BIOL 323, PHYS 235, MSE 212, PSYCH 364, CHEM 262)
- Other (with permission)

**SCHL 391: Scholars Teaching Practicum**

**Credit Hours:** 2

Independent study through teaching-related experiences in a particular Scholars Program course. Various assignments are closely directed by the instructor in that course, including development of syllabi and other course materials; creation and reading of examinations; lecturing and/or discussion leadership. May include responsibilities coordinating students working on service related activities under direction of an instructor. Prerequisites: SCHL127, SCHL227, SCHL280 and permission of Professor Ziegler, Executive Director

**SCHL 395: Scholars Internship**

**Credit Hours:** 1 to 4

Practical, hands-on experience at a preapproved organization providing an opportunity for Scholar interns to work in industrial, commercial, academic, or not-for-profit institutions and to apply their knowledge to practical professional problem solving. Variable credit of 1-4 hours with 40 hours of experiential activity required per credit hour. Prerequisites: SCHL 127, SCHL 280, restricted to Binghamton University Scholars, and Permission of Scholars Executive Director.
SCHL 396: Guthrie Scholars Premedical Internship

Credit Hours: up to 12

Course Description: Full-time, unpaid internship for Scholars wishing to attend medical school upon graduation. Takes place over an entire semester in-residence at the Guthrie Clinic and Robert Packer Hospital campus, a 254-bed teaching hospital with a Level II Trauma center, Intensive Care Unit, clinical skills lab, and other diagnostic, medical, and surgical services. Interns complete weekly reflection papers and time log, a research project, a medical terminology class, an observership in trauma and on Guthrie’s helicopter air-ambulance, skills lab training, clinical observations, medical/surgical grand rounds, resident and student lectures, and teaching rounds. Interns also shadow doctors, nurses, social workers, nutritionists, allied health care providers, and administrators across the Guthrie organization. Interns spend an average of 48 hours per week toward all requirements of the internship for 15 weeks. Credit hours: 1-12 variable; letter grade. Prerequisites: SCHL127, SCHL280 (one section) and SCHL227 preferred. Junior level at the time of the internship preferred. Restricted to students enrolled in the Binghamton University Scholars Program. Permission of Scholars Executive Director, and an application process through Guthrie required. [http://www.binghamton.edu/scholars/resources/guthrie.html](http://www.binghamton.edu/scholars/resources/guthrie.html)

SCHL 397: Scholars Independent Study

Credit Hours: 1 to 4

Independent study supervised by an instructor approved by the Scholars Executive Director. Permission of Professor Ziegler, Executive Director required.

SCHL 427: Scholars IV: Capstone

Scholars IV requires students to participate actively in Scholars Program activities, and to seek and complete a capstone learning activity related to your major. Scholars IV is intended to bring together all of the learning you have accomplished and leverage that learning into a final capstone activity. The selected capstone activity must be approved by the Scholars Director in advance. The Scholars IV requirement can be completed in one of six ways: department honors, double major, double degree, capstone research or project (requires a 50 hour commitment), capstone course (400 level or above) within your major department that is not a major requirement, or a capstone course (400 level or above) within your major department that is a requirement of the major and an additional 30 hours of work with the instructor of the course.
For students in SOM, DSON, and Watson (Engineering programs only), the Scholars IV requirements are primarily met by specific degree requirements. Participation in the annual Scholars Poster Event to display your Scholars IV activity is strongly encouraged, but optional. Scholars IV requirements are fully described in the Scholars Handbook (online). A grade of P or F will appear on transcripts at the conclusion of the course.

Approved Scholars IV activities include:

- **Double Major**: Complete a major in two different departments in the same school or college (e.g., a degree in computer science and a degree in electrical engineering, both from the Watson School).
- **Double Degree**: Obtain a degree in two different schools/college (e.g., a degree from Harpur College and a degree from the School of Management).
- **Department Honors**: Earn honors in the department of your major (Check to see if your major has an honors program).
- **Decker School of Nursing senior year clinical**: NURS 471
- **Watson Senior Project**: (engineering programs only, not CS), ISE 492, EECE 488, ME 494, BE 451
- **School of Management’s Global Strategic Management Course**: MGMT 411
- **The Guthrie Scholars Premedical Internship**: SCHL 396; Scholars live on the Guthrie Campus in Sayre, PA for a semester while completing an undergraduate residency/rotation program.
- **Capstone Course option 1**: Complete a 400-level (or above) elective course that does not count towards your major requirements.
- **Capstone Course option 2**: Complete a 400-level (or above) elective course that does count towards your major requirements and identify, with the help of your instructor, additional requirements which you must complete in addition to the course requirements. This should involve a minimum of 40 hours of activity in addition to the work required for the course.
- **Capstone Research, Project or Independent Study**: Requires a minimum 50-hour commitment towards this activity.
Future SCHL280 Course Offerings

Predicting which SCHL280 courses will be offered each semester or year is not possible due to the variables associated with faculty availability. However, approximately six SCHL280 courses will be offered every semester.

Winter and Summer sessions: No Scholars courses are typically offered during these sessions.

*The Guthrie Scholars Premedical Internship may be offered in Summer 2016. Details will follow.

Spring 2016 SCHL280 Courses

- SCHL 280A, A Communion of Subjects – H
- SCHL 280B, Applied Research Challenge - O
- SCHL 280C, Buddha Mind, Buddha Brain – C, H **
- SCHL 280D, Istanbul: Imperial City of Splendors at the Crossroads of East & West – J (O and C), G, N **
- SCHL 280E, Technology and Impact of Solar Energy – J (O and C)
- SCHL 280H, Philanthropy and Civil Society – J (O and C)
- SCHL 280I, Plastics: Boon and Bane – J (O and C)
- SCHL 280J, Global Contemporary Health – O, S

**Permission of Instructor is required prior to registration. See course description.
SCHL 280A: A Communion of Subjects

Course Instructor: George Catalano, Professor of Biomedical Engineering
Credit Hours: 4
Gen Ed designations: H - Humanities
CRN: 27595
Course Time: TR 2:50 pm – 4:15 pm

Course description:
A Communion of Subjects seeks to develop in students the ability to formulate informed views on one of the most controversial and contentious issues in the modern world, our relationship to the nonhuman world. Focusing on a subject which routinely captures the attention of the world press, the course will appeal to anyone interested in tracing the historical development of our attitudes towards the non-human world and provide insight into the debate as it has developed. The following broad categories of this issue shall be considered:
• Theories of animal ethics
• Animals and myths
• Animal consciousness and animal pain
• Animals for food and factory farming
• The use of animals in the research laboratory
• Endangered species protection and restoration
• The ethics of zoos, aquariums and entertainment
• Animal companions
• Animal law

Instructor Bio:
Dr. George Catalano received his Ph.D in Aerospace Engineering from the University of Virginia. He is currently Professor of Bioengineering and former Faculty Master of the Apartment Communities at Binghamton University. He is the former Director of the Binghamton University Scholars Program. Dr. Catalano is the author or coauthor of several books including Engineering and Society: Working Towards Social Justice, Engineering Ethics: Peace, Justice, and the Earth (2006) and Engineering, Poverty, and the Earth (2007). He has been a professor at the US Military Academy, the Air Force Institute of Technology and others. He served as a Captain in the US Air Force and as a NASA Fellow. Dr. Catalano has over thirty archival journal articles in engineering science, engineering education and ethics, more than 80 reviewed conference proceedings, and over one hundred national and international conference presentations. He has served as Principal Investigator on over $900,000 in funding, primarily from U.S. government agencies.
SCHL 280B: Interdisciplinary Applied Research and Proof of Concept in Aviation

Course Instructors: Chad Nixon, Senior Vice President, McFarland Johnson, Inc; Zachary Staff, Airport Planner, McFarland Johnson, Inc

Credit Hours: 4
Gen Ed designations: O – Oral Communication
CRN: 21949
Course Time: TR 11:40 am – 1:05 pm

Course description:
Interdisciplinary Applied Research and Proof of Concept in Aviation. Work on a student applied-research team along with multiple Binghamton University professors and industry experts from regional airports, engineering and planning consultants, the Federal Aviation Administration (FAA), and other organizations as needed to identify and research a current challenge within the aviation industry. Prepare a team-written proof of concept as a proposed solution to the challenge. Final written team project will be submitted to a national competition sponsored by the FAA. One or more visits to a nearby airport with the team will be required. No knowledge of aviation and no technical background are necessary. Students from all disciplines are encouraged to enroll. Restricted to students enrolled in the Binghamton University Scholars Program. Prerequisites: SCHL127.

Instructor Biographies:

Chad Nixon is Senior Vice President at McFarland Johnson (MJ), a consultancy providing financial and aviation planning, environmental, engineering, and construction inspection services for both private and public projects large and small. He brings tremendous energy to the company and is consistently sought out for his innovative problem solving skills. He leads the strategic growth of MJ’s market sectors and provides oversight relative to new services, growth opportunities and industry trends. He has a highly diverse background that includes contract negotiations, airport operations management, and aviation planning. He has performed FAA and DOD airspace liaison duties in numerous countries including Malaysia, Thailand and Oman. His areas of aviation expertise include: airport management, aviation forecasting, economic analysis, airport negotiations, business planning, and project management. Mr. Nixon currently serves as Special Projects Manager on statewide and airport specific aviation planning projects.

Nixon received his MBA with a specialization in Aviation from Embry-Riddle Aeronautical University. He serves on numerous national, state and regional aviation committees and boards of directors including his role as Past-President of the New York Aviation Management Association and Board Member of the Northeast Chapter of the American Association of
Airport Executives. Chad has a strong bond with his community through volunteerism and civic activities. He assists local aspiring entrepreneurs through his interaction with the Pre-Seed Workshop and is credited with inventing the Airport Dynamic Analysis Tool, which automates the aviation planning process. He has also served as a Cub Scout leader, a student advisor at Binghamton University for several years to students engaged in the FAA’s National Design Competition, and participates in several local charities and committees within his community.

Zachary Staff currently serves as an Airport Planner in the Binghamton, NY office of McFarland Johnson. He has completed many statewide and airport-specific aviation projects across the United States, including airport planning and financial analyses, airport master plans, environmental assessments, noise analyses, and grant management. Mr. Staff has a diverse planning background beyond aviation, including work in community planning and zoning analysis, traffic analysis, and agricultural planning. Mr. Staff also has a background in the use of geographic information systems, including the creation and analysis of large amounts of digital data.

Mr. Staff has received a Bachelor of Arts in Geography from the State University of New York, College at Geneseo, and a Master of Arts in Geography, with a concentration in Urban & Retail Planning, from Binghamton University. Mr. Staff is recognized as a certified planner by the American Institute of Certified Planners (AICP). He currently serves as President of the Board of Directors of Campus Pre-School & Early Childhood Center, Inc., and is a past member of the City of Binghamton Planning Commission. Mr. Staff is a proud homeowner in the City of Binghamton, where he resides with his wife, Betsy, their son and daughter, Hayden and Colbie, and their golden retriever, Rory. Mr. Staff is an avid fan of the New York Mets and the San Diego Chargers, and during basketball season he can be found at the Events Center watching the Bearcats with his son.
SCHL 280C: Buddha Mind, Buddha Brain

PERMISSION OF INSTRUCTOR IS REQUIRED for this course:

Please seek permission from the instructor NOW. Do not wait until registration opens.

For permission, contact: Professor Peter Donovick, donovick@binghamton.edu

Course Instructor: Peter Donovick, Professor of Psychology
Credit Hours: 4
Gen Ed designations:
C – Composition
H - Humanities
CRN: 17804
Course Time: MWF 1:10 pm – 2:10 pm

Course description:
Buddha Mind, Buddha Brain: SCHL 280C: Siddhartha Gautama, also known as Gautama Buddha, or simply The Buddha; whose teachings Buddhism was founded, was born in northeastern India the 5th century BCE. He sought the meaning of life and upon becoming “enlightened” he became a teacher. Buddhism is a living tradition, passed from teacher to student. The Dal Lama, a teacher of the Dharma in Tibetan Buddhism, has sought to integrate the neuroscience with traditional Buddhism. Meditation and mindfulness have become popular and of interest to clinical and neuroscientists. Students in this course will investigate basic Buddhism and integrate its teachings with the Neurosciences. A reading, which identifies the basic Buddhist teaching, will be assigned prior to the start of the course. Open only to students in the Binghamton University Scholars Program.

Instructor Bio:
Professor Donovick is the Director of the Institute for Neuropsychological Research & Professor of Psychology at Binghamton University. Most recently he has taught graduate & undergraduate Human Neuropsychology, Neuropsychological substrates of Criminal Behavior, and Buddha Mind/Buddha Brain - an exploration of the neuroscientific correlates of mindfulness as taught by classical Buddhism. In the lab, undergraduates (including students from the Binghamton University Scholars program) investigate topics ranging from the effect of pets on health, to problem solving in dementia, and the connection between meditation and scholarly performance. In the past, his research teams have investigated topics such as cognitive abilities of incarcerated men. Each semester he hosts at least one lab lunch where everyone brings a dish to pass. Academically, he enjoys working with undergraduates, particularly as they start their college careers.
SCHL 280D: Istanbul: Imperial City of Splendors at the Crossroads of East & West

PERMISSION OF INSTRUCTOR IS REQUIRED for this course: Please seek permission from the instructor NOW. Do not wait until registration opens. For permission, contact: Professor Kent Schull, kschull@binghamton.edu

Course Instructor: Dr. Kent F Schull, Associate Professor of Ottoman and Modern Middle East History
Credit Hours: 4

Gen Ed designations:
J – Joint Composition and Oral Communication
G - Global Interdependencies
N - Social Sciences

CRN: 20983
Course Time: T/Th 10:05 am – 11:30 am

Course Description: Istanbul/Constantinople is the former capital of three world empires (Roman, Byzantine, and Ottoman). For nearly two millennia, it has been the crossroads between East and West in terms of trade, culture, learning, and civilization. It was an end point of the famed Silk Road that stretched across Eurasia. Istanbul is also the only city to span two continents (Asia and Europe). Designated as a Cultural Capital of Europe for 2010, Istanbul’s roots are among the richest and deepest in the world. Today, it is the cultural and economic capital of the Republic of Turkey containing over 17 million inhabitants and acts as one of the centers of globalization in both Europe and the Middle East. Students will be introduced to the peoples, cultures, religions, history, and splendor of this incredible city through written texts and direct experience. The highlight of this course is a required 10-day tour of Istanbul and its environs during spring break. Students will be responsible for all costs, which are estimated at approximately $3,000 for travel. A $500 non-refundable deposit will be required at the time of registering for the course. Prerequisite: Enrolled in the Binghamton University Scholars Program, SCHL 127.

Instructor Bio:
Kent Schull is an associate professor of Ottoman and Middle East history at Binghamton University. He's earned graduate degrees from the University of Oxford and UCLA. As a Fulbright scholar he spent two years with his family studying in Turkey and loves its people, culture, language, and, especially, its food! He's been at Binghamton University for three years now and loves interacting with its excellent and highly motivated students. His regularly taught courses include: the Israeli-Palestinian Conflict, World War I and the Middle East, the Ottoman Empire, the 20th Century Middle East, and the Islamic World.
**Additional Information:**

All questions about the application should be directed to Kerry Stamp, Associate Director for Study Abroad, Office of International Programs, at kstamp@binghamton.edu.

All questions about the course and registration process can be directed to Associate Professor Kent Schull, Department of History, at kschull@binghamton.edu.

**NOTE:** You must complete the application on the website above to register for the class and go on the trip. Note the additional cost and required deposit. There will be no exceptions. So, even if you aren't sure yet if you can go, you should fill out the application now. The application is non-binding.
SCHL 280E: Technology and Impact of Solar Energy

Course Instructor: C. Roger Westgate, Vice Provost and Professor of Electrical & Computer Engineering, Director of the Binghamton University Center for Autonomous Solar Power

Credit Hours: 4

Gen Ed designations:
J - Joint Composition and Oral Communication

CRN: 18500

Course Time: MW 3:30 pm – 5:00 pm

Course Description: Advances in solar energy generation have begun to replace conventional fossil fuel energy sources. In the very near future, the costs of solar systems are expected to reach "grid parity" and will compete economically with other sources including wind and nuclear power. In this course, the technologies and the policies that led to these advances and the new challenges presented will be discussed. Students will consider the economic and environmental changes that will occur. Students will also have an opportunity to work with actual solar photovoltaic systems.

Instructor Bio:
Dr. Charles R. Westgate received his Ph.D. from Princeton University. He is currently Director of the Binghamton University Center for Autonomous Solar Power, Vice Provost for Compliance, and Bartle Professor at Binghamton University. He is the former Dean of the Thomas J. Watson School of Engineering and Applied Science at BU. Dr. Westgate is currently Professor Emeritus at Johns Hopkins University where he served as professor, associate dean for part-time programs in engineering, associate dean for academic affairs, department chair and interim dean of engineering.
SCHL 280G: The Psychology of Human Bodies

Course Instructor: Ann Merriwether, Instructor of Psychology and Human Development
Credit Hours: 4
Gen Ed designations:
S – Wellness
C - Composition
CRN: 20005
Course Time: TR 4:25 pm – 5:50 pm

Course description:
This course will provide students with an overview and understanding of the psychology of our bodies with a focus on reproductive health, ethnicity, sex and gender. During the semester, students will focus on engaging in critical analysis and thoughtful reflection in relation to the study of body, reproductive health, ethnicity, sex and gender. In this course, students will explore a range of topics including: body related health and reproductive issues in relation to ethnicity, economic status, gender, sex and sexual orientation. Particular focus will be paid to how bodies shape our development and world-view. Particular focus will be paid to African Americans and Asian Americans and the impact of gender on body and reproductive health. We will be reading: “Marginalized Reproduction: Ethnicity, Infertility and Reproductive Technologies to gain insight into these topics. Particular attention will be paid to gender identity and sexual orientation. We will have a number of readings on sexual orientation including one on modern prejudice. We will be also be reading “She’s Not There: A life in Two Genders” to gain insight into these topics. Prerequisite: Binghamton University Scholar, SCHL127.

Instructor Bio:
Ann Merriwether is a development psychologist with a split appointment in Psychology and Human Development. She teaches a number of large lecture class including “Introduction to Psychology”, “Developmental Psychology” and “Introduction to Theories in Human Development”. She also teaches seminars on gender and sexuality. Believe it or not one of her favorite classes to teach is the “Psychology of Death and Dying”. Her research interests focus on emergent adult sexuality. Dr Merriwether and her husband Andy (also a BU professor) have a farm in Vestal where they live with their alpacas, sheep, angora rabbits and two enormous dogs named Quack and Bear.
SCHL280H: Philanthropy, Nonprofit Organizations and Civil Society

Instructor: Professor David Campbell, Department Chair and Associate Professor – Public Administration - College of Community and Public Affairs at Binghamton University

General Education: J - Joined Composition and Oral Communication

Credit Hours: 4

CRN: 22009

Course Time: TR 1:15 pm – 2:40 pm

Course Description:
Philanthropy, Nonprofit Organizations and Civil Society:
In this course, you’ll have $10,000—real money—to change the world. The challenge for the students in the class will be how to spend it. Philanthropists face this challenge every day. Consider these questions: How do you want to make a difference? How do philanthropic dollars help make the world a better place? How do you know your money is being used effectively, to make the difference you want to make? This course offers students the chance to reflect and act on these questions by making grants totaling $10,000 to nonprofit organizations in the greater Binghamton community. From Andrew Carnegie’s commitment to build libraries in the early 20th century to Bill and Melinda Gates’ current efforts to eradicate disease in Africa, philanthropists have played an important role in the development of civil society. Yet many students are unfamiliar with philanthropy and the nonprofit organizations they fund. This course introduces students to philanthropy and the nonprofit sector by giving them a hands-on opportunity to become grant makers. Students enrolled in the class will select an issue area for funding (such as the environment, youth services or immigration), and evaluate and recommend organizations to receive grants. Class members will decide collectively which organizations they will support. Course content will facilitate student grant making decisions. Course topics include: Historic and current leaders in philanthropy and the nonprofit sector, the size and scope of the nonprofit sector, defining community needs and philanthropy’s role in addressing them, and how leaders in philanthropy and nonprofit organizations collaborate to accomplish shared goals. Prerequisite: Binghamton University Scholar.

Instructor Biography:
David Campbell is Associate Professor and Chair of the Public Administration Department in the College of Community Affairs at Binghamton University. He teaches courses in nonprofit management and leadership, philanthropy and applied community-based research, among others. His research interests include nonprofit accountability, mergers and alliances among nonprofit organizations and the nonprofit sector’s response to the September 11th terrorist attacks. His articles have appeared or been accepted in publications such as Nonprofit Management and Leadership, The American Review of Public Administration, Administration in Social Work, Families in Society, The Journal of Public Affairs Education, Responsive
Philanthropy, State of Philanthropy, 2006 and The Working Paper Series at Baruch College’s Center on Nonprofit Management. He has also made contributions to several edited volumes on nonprofit management.

In addition to his academic experience, he has held senior management positions in major nonprofit organizations in Cleveland and New York City. From 1999-2005, he served as Vice President for Programs at the Community Service Society of New York (www.cssny.org), a prominent New York City social welfare organization concerned with the challenges facing low-income New York City residents. He coordinated the organization’s response to the 9/11 attack, oversaw advocacy efforts in Albany and Washington on welfare reform and other issues and organized the agency’s strategy development process. Prior to that, he was Vice President of the Center for Families and Children, a Cleveland, OH multi-service, social service agency. He served for six years as an adjunct faculty member at Columbia University’s School of International and Public Affairs. He has also taught at the New School in New York City and with the Learning Institute for Nonprofit Organizations/ University of Wisconsin Cooperative Extension.

David Campbell has provided consultation to organizations on a wide variety of topics, including merger assessment, strategic planning, retreat facilitation, board training and other issues. He holds a Ph.D. from Case Western Reserve University, a master’s degree from Yale University and is a Phi Beta Kappa graduate of Bates College.
SCHL 280I: Plastics: Boon and Bane

Course Instructor: Rebecca Kissling, Lecturer in Organic Chemistry
Credit Hours: 4
Gen Ed designations: J – Joint Composition and Oral Communication
CRN: 22507
Course Time: MW 5:50 pm – 7:15 pm

Course Description: Since the 1930s synthetic organic materials have become pervasive, a part of nearly every aspect of modern western culture. This course will explore man-made organic materials, broadly, plastics from their first appearance in manufacturing to our modern times, and plastic’s impact on technical materials, our throw-away society and our environment. This course will feature readings, modern media, and outside speakers. Prerequisites: Enrolled in Binghamton University Scholars Program, SCHL127.

Instructor Bio:
I am an Instructor of Organic Chemistry at Binghamton University. I currently teach sophomore level organic courses and commit my free time to advising and fostering careers of science major undergraduates. I first set foot on the campus of, then Harpur College, in 1965 when my dad began his career here in the geology department. I earned my BS in Geology in 1984 from Binghamton University and worked as a geologist, in the area of optical mineralogy for over a decade in Kansas and Hawaii. When not engaged in outdoor pursuits, I attended UH-Manoa and broadened my horizons through numerous courses in chemistry and biology. I returned to the mainland and earned a PhD in Chemistry from UNC-Chapel Hill in 2001 in organocatalysis. My post-doctoral work at University of New Orleans focused on organometallic catalysis. On the home front, I share parenting of dogs and cats with my husband Steven and spend time hiking, running, cycling, needle crafts, gardening and digital image capture.
SCHL 280J: Global Contemporary Health

**Course Instructor:** Jennifer Wegmann, Health and Wellness Studies

**Gen Ed designations:**
- O – Oral Communication
- S – Wellness

**Credit Hours:** 4

**CRN:** 22508

**Course Time:** MWF 1:10 pm – 2:10 pm

**Course Description:** Contemporary Health – A Global Perspective. The goal of this course is to challenge you to analyze the health of residents of the United States and then look beyond our borders to analyze the health of individuals across the world. In doing so, you will also examine the interactions and influence on health between countries and populations. “Global Health is an attitude. It is a way of looking at the world. It is about the universal nature of our human predicament. It is a statement about our commitment to health as a fundamental quality of liberty and equity.” The health of any individual is dependent upon more than simply individual decisions and actions. By examining health from a global perspective, we can begin to unearth the complexities involved with not only preventing illness but also promoting wellness. Factors including environment, socioeconomic status, education, access to health care and government policy need to be examined to paint a full picture of health not only in our nation, but also in nations around the world. **Prerequisites:** Enrolled in Binghamton University Scholars Program, SCHL127.

**Instructor Bio:**
Hi. My name is Jennifer Wegmann and I have spent over half of my life at Binghamton University. I earned a bachelor’s degree in Biology in 1994 and a Master’s degree in Social Science in 2000. In addition to perusing my PhD in the CCPA department, I am also a faculty member in the Health and Wellness Studies department where I have taught for the last 19 years. I teach a variety of courses including Nutrition, Women’s Health, Stress Management and Contemporary Health Issues. My area of research and expertise lies in eating disorders and body image. My research that examined the desire to be thin and pathological weight management behaviors was accepted at the World Congress of International Public Health Conference in Istanbul, Turkey. I also presented that research at the American Public Health Association Conference. Also, I have published research that examined the sexual messages Seventeen magazine was sending in an era of abstinence only education. I have always been an athlete and active. As an undergraduate I played on the women’s basketball team and for the last 20 years I have tried to find new and exciting ways to stay fit and healthy. I enjoy exercising with my husband and two teenage boys. I still play basketball, I like to bike, and my latest exercise adventure is CrossFit.