Binghamton University Scholars Program

Professor William Ziegler
Executive Director

http://binghamton.edu/scholars

Spring 2020 Course Offerings

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SCHOLARS COURSE NUMBERING REMINDER:
Courses previously known as the SCHL280’s now include SCHL280x and SCHL281x. All courses in those numbering rubrics meet the “SCHL280” requirements.

Permission of Instructor is REQUIRED for SCHL 280D: Istanbul: Imperial City of Splendors at the Crossroads of East & West CRN 31502
**NOTE: This course includes a trip to Istanbul (additional costs apply). Please seek permission from the instructor NOW, and NO LATER THAN OCTOBER 1. Do not wait until registration opens. For permission, contact: Professor Kent Schull, kschull@binghamton.edu. See the SCHL280D course information in this document for full details.

NOTE TO WATSON ENGINEERING MAJORS/MINORS: SCHL280B Interdisciplinary Applied Research and Proof of Concept in Aviation has been approved as an elective in some Watson programs as follows. See the SCHL280B course information in this document for details.

Scholars Class Sizes are smaller than in the past, for many reasons. Smaller classes are typically considered an advantage overall, but it will also mean that the courses will fill up faster. This may mean that you will not get your first or even second choice of Scholars courses, so be sure to have contingency plans in case you do not get your preferred choices. Please do not ask to have a seat reserved in a class because the process must be fair to everyone. If no Scholars courses fit your schedule, please email Professor Ziegler ziegler@binghamton.edu right away. Note that exceptions just to facilitate a convenient schedule will not be honored.
I. **Planning for Binghamton University Scholars Courses**

**For those who entered the Binghamton University Scholars Program in Fall 2019:**

Those who entered the Scholars Program in Fall 2019 must enroll in and successfully complete a section of SCHL 280/281 during the Spring 2020 semester, unless you receive written permission to do otherwise from Professor Ziegler.

**For those who entered the Binghamton University Scholars Program in Fall 2018:**

Those who entered the Scholars Program in Fall 2018 must enroll in and successfully complete SCHL 227 during the Spring 2020 semester, unless you receive written permission to do otherwise from Professor Ziegler.

**For those who entered the Binghamton University Scholars Program in Fall 2017:**

Those who entered the Scholars Program in Fall 2017 must register for SCHL 327 and complete the Scholars III requirement prior to the close of the Spring 2020 semester, unless you receive written permission to do otherwise from Professor Ziegler. Visit [bengaged.binghamton.edu](http://bengaged.binghamton.edu) and click on the Binghamton University Scholars Program group. On the right-hand side you should see “Group Links,” one of which will say “Applications, Forms, and Surveys.” You must log in to B-Engaged to view this. Fill out the appropriate application(s).

**For those who entered the Binghamton University Scholars Program in Fall 2016:**

Those who entered the Scholars Program in Fall 2016 must register for SCHL 427 and complete the Scholars IV requirement prior to the close of the Spring 2020 semester, unless you receive written permission to do otherwise from Professor Ziegler. Visit [bengaged.binghamton.edu](http://bengaged.binghamton.edu) and click on the Binghamton University Scholars Program group. On the right-hand side you should see “Group Links,” one of which will say “Applications, Forms, and Surveys.” You must log in to B-Engaged to view this. Fill out the appropriate application(s).

**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.**
II. **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 2016 (or Fall 2017 if graduation early) must register for and complete all Scholars requirements including SCHL 127, two SCHL 280/281s, SCHL 227, SCHL 327 and SCHL 427 prior to the close of the Spring 2020 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. Visit bengaged.binghamton.edu and click on the Binghamton University Scholars Program group. On the right-hand side you should see “Group Links,” one of which will say “Applications, Forms, and Surveys.” You must log in to B-Engaged to view this. Fill out the appropriate application(s). 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.

III. **Priority Registration for Binghamton University Scholars**

Binghamton University Scholars priority registration is calculated by having 24 credit hours added to the total number of credit hours you have completed. Courses you are currently taking are not included in the credit hour count. 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 registration timetable. The two values in the left-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.

*The Advance Registration Time-Table will be emailed to you as soon as it becomes available.*

For further details on how to read you time-ticket and how priority is calculated, please visit: [https://www.binghamton.edu/scholars/resources/priority-course-reg.pdf](https://www.binghamton.edu/scholars/resources/priority-course-reg.pdf)
IV. Spring 2020 Binghamton University Scholars Courses

SCHL 227: Community Engagement: Where It Starts, How It Works, and Where You Fit In

NOTE: All second semester sophomore Scholars are required to take this course. Please note that there are six sections, but only two different time options. Be sure to plan your schedule carefully so that you can register for at least one of the options.

Course Coordinator: Elizabeth Mellin, Associate Professor, CCPA

Course Lecturers:

- Elizabeth Mellin
- Ben DeAngelis
- Justine Lewis

Gen Ed Designations: None

Credit Hours: 2

Tuesday:
11:40AM—1:05PM
CRN: 27732    Instructor: Mellin    Section: 01
CRN: 26793    Instructor: Lewis    Section: 02
CRN: 26794    Instructor: DeAngelis Section: 03

Thursday:
1:15PM – 2:40PM
CRN: 22015    Instructor: Mellin    Section: 04
CRN: 27733    Instructor: Lewis    Section: 05
CRN: 27734    Instructor: DeAngelis Section: 06

Course Description: Community Engagement: Where It Starts, How It Works, and Where You Fit In. This course will introduce students to principles of civic engagement, exploring a variety of strategies to create positive community change. We will critically examine diverse approaches to contributing to civic life, including volunteering, philanthropy and political engagement, and will challenge assumptions of what it means to "do good" in the community. Students will have the opportunity to identify and explore their own areas of interest and reflect on their personal motivations and preferred approaches to creating change. The course will highlight real world examples, often focused on the Greater Binghamton community, and
students will have the chance to meet and learn from community members and students actively engaged in civic life. At the end of the semester, students will have a strong understanding of principles of civic engagement that can be applied to future engagement work.

**Prerequisites:** Enrolled in the Binghamton University Scholars Program, SCHL127.

**Instructor Bio:** Elizabeth Mellin is an Associate Professor in the College of Community and Public Affairs, and Director of the interdisciplinary doctoral program in Community and Public Affairs. Originally from Chicago, Elizabeth specializes in counseling children and adolescents, especially young women with depression. She was previously faculty at Penn State University where she taught courses like Counseling Adolescents and Sexuality Issues in Counseling. She loves healthy cooking, (weirdly) both newscasts and "reality" television, and playing with her Labrador retriever, KaBoom!

**Instructor Bio:** Justine Lewis is currently a doctoral candidate at Binghamton University, pursuing a PhD in Community and Research Action with a focus on refugee affairs. Most recently, she was a Public Affairs Specialist and Acting Deputy Director of Public Engagement, working for the U.S. Agency for International Development’s (USAID) Bureau for Legislative and Public Affairs. She joined USAID in 2014 as a Presidential Management Fellow (PMF). As a PMF, Justine served a five-month tour with the Department of State's Bureau of Population, Refugees, and Migration at the Embassy of the United States in Nepal, as well as the Embassy’s Political and Economic section. She returned after the April 25, 2015 earthquake, where she worked for two months supporting USAID/Nepal’s communications efforts. Prior to her work at USAID, she completed a Master’s in Public Administration (2013) from Cornell University's Cornell Institute for Public Affairs, with a focus on non-profit management. She also holds an additional Masters in Human Development (2011) from Cornell University’s School of Human Ecology, where she focused her thesis on aging and regret across the life span. Throughout her graduate and undergraduate programs at Cornell University, Ithaca College and Tompkins-Cortland Community College, she interned in England as an education program assistant for a social services agency, in Mexico with the W.K. Kellogg Foundation developing teacher training materials, and in Nepal for a non-profit. Before USAID, she most recently worked for the Franziska Racker Center in Tioga and Tompkins County, NY. Justine is originally from Berkshire, NY, and still sings in their community choir.

**Instructor Bio:** Ben DeAngelis is a doctoral student pursuing a PhD in Community Research and Action through Binghamton’s College of Community and Public Affairs. He is currently the Political Engagement Coordinator at Binghamton University's Center for Civic Engagement, where he advises the Andrew Goodman Foundation's Vote Everywhere Ambassadors, and coordinates programming to expand political education opportunities for all students.
Previously, Ben worked as the Statewide Campus Program Director at the New York Public Interest Research Group. There he coordinated campaign-based civic engagement programming across 20 colleges and universities on issues such as higher education rights, voter mobilization, consumer protection, mass transit advocacy, and environmental justice.

Ben received his Master’s in Higher Education Administration from the University at Buffalo (UB), where he served as Vice President of the Graduate Student Association and founded UB Votes, a committee to mobilize students on Election Day. At UB, Ben worked in the Campus Living office, where he administered the institution’s Gender Inclusive Housing Program and counseled students who encountered challenges with their housing assignments. Ben received his Bachelors from Syracuse University where he studied history and geography. He is originally from Eastern Connecticut and in his free time will do pretty much anything to get outside where he enjoys hiking, camping, and kayaking.

SCHL 298: Intermediate Undergraduate Project CRN 28208
Course Description: Participation in a project under supervision of a faculty member. Approval of proposed project by the faculty member and Scholars Executive Direction must be obtained prior to registration. Written final report required. Supervising faculty member must be a regular member of the Binghamton University faculty. Variable credit (1-4 credit hours; 40 hours per semester, per credit hour required).
Prerequisites: SCHL 127 (intended for freshman and sophomore Binghamton University Scholars).

SCHL 299: Intermediate Undergraduate Research CRN 28209
Course Description: Conduct independent research under the guidance of a faculty member or assist with ongoing faculty research. Approval of proposed research by the faculty member and Scholars Executive Director must be obtained prior to registration. Written final report required. Supervising faculty member must be a regular member of the Binghamton University faculty. Variable credit (1-4 credit hours; 40 hours per semester per credit hour required).
Prerequisites: SCHL 127 (intended for freshman and sophomore Binghamton University Scholars).
SCHL 327: Scholars III: Worlds of Experience CRN 27519

A. 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 by the Scholars Executive Director in advance through B-Engaged, and the activity must be supervised. Scholars III requirements can be achieved through a variety of experiential education activities as described in the following.

B. Experiential Learning: Scholars III is an opportunity to explore and reflect critically on your own major field of study from a practical point of view, or to try something new and exciting. If you are contemplating a career in teaching, for example, you may want to do a teaching practicum or volunteer as a teacher’s assistant in one of Broome County’s public schools. If you are thinking about a career in law, then you may want to try working as an intern in a law office or political office. Scholars are responsible for identifying an experiential learning activity and should begin this process prior to the semester in which the requirement will be met.

C. Approved Options for Completing SCHL 327: Scholars are responsible for identifying and securing their own experiential learning activity. Approved options include the following:

   a. Internship or Co-op
   b. Study Abroad
   c. Clinical Experience
   d. Laboratory Experience
   e. Research Experience
   f. Teaching Practicum
   g. Field Study
   h. Music / Theater Production
   i. Studio Experience
   j. Professional Paper / Poster Presentation
   k. SCHL 396: Guthrie Scholars Premedical Intern
   l. NURS 321 (DSON)
   m. MGMT 350 (SOM)
   n. PSYC 493 (Harpur)
   o. PHRM 510 (School of Pharmacy)
   p. First-Year Research Immersion Courses
      i. BIOL 323 (Biofilm Stream)
ii. PHYS 335 / CHEM 311 (Smart Energy Stream)
iii. PSYC 364 (Neuroscience Stream)
iv. CHEM 362 (Biomedical Chemistry Stream)
v. EECE 215 / CS 215 (Image & Acoustic Signals Analysis Stream)
vi. ANTH 305 (Biomedical & Molecular Anthropology Stream)
vii. ENVI / GEOL 334 (Biogeochemistry Stream)
viii. ENVI 306 (Geospatial Remote Sensing Stream)
ix. ANTH 306 (Community & Global Public Health Stream)
x. BIOL 341 (Ecological Genetics Stream)
q. Other (with permission)

D. Credit: SCHL 327 is zero credit hours.

E. Grading: Pass / Fail only. Even though SCHL 327 is zero credit hours, a grade for the course will be present on your transcript.

F. Instructions and Timeline Information:
   a. When to Begin: Scholars are responsible for identifying an experiential learning activity. This activity should be planned by the end of the second year and fulfilled in the third year (or the summer before or after). Scholars should begin this process prior to the semester in which they plan to complete the requirement.
   
   b. Submit Pre-Approval: All Scholars must complete a Scholars III Pre-Approval Application on B-Engaged regardless of the option chosen. Visit bengaged.binghamton.edu and click on the Binghamton University Scholars Program group. On the right-hand side you should see “Group Links,” one of which will say “Applications, Forms, and Surveys.” You must log in to B-Engaged to view this. Fill out the appropriate application and upload a signed Scholars III Pre-Activity Supervisor Approval Form.
   
   c. Register for SCHL 327: Register for SCHL 327 in the semester you plan to complete the Scholars III Requirement. This must be completed before add/drop deadlines.
      i. Study Abroad, Summer, and Breaks: If the Scholars III Requirement is being completed as a study abroad, or during the summer or semester break, then Scholars must register for SCHL 327 in the semester immediately following completion of the requirements.
      ii. SCHL 327 is a zero-credit course, but it must be completed as part of the Scholars Program requirements. Those registering for SCHL 327 but failing to complete all requirements will receive a grade of F for the course.
d. **Complete the Experiential Learning Activity:** A minimum of 30 hours must be devoted to the activity and the activity must be supervised.

e. **Submit Post-Approval:** Upon completion of the Scholars III Activity, a Post-Approval Application must be submitted through B-Engaged by May 1st or December 1st. Please note that SCHL 327 is a zero-credit course, but it must be completed as part of the Scholars Program requirements. Those registering for SCHL 327 but failing to submit a post-approval will receive a grade of F for the course. Visit bengaged.binghamton.edu and click on the Binghamton University Scholars Program group. On the right-hand side you should see “Group Links,” one of which will say “Applications, Forms, and Surveys.” You must log in to B-Engaged to view this. Fill out the appropriate application and upload a signed Scholars III Post-Activity Supervisor Approval Form.

G. **Resources:**

   a. **Internships:** The Fleishman Career Development Center assists students interested in internships. See [https://www.binghamton.edu/ccpd/](https://www.binghamton.edu/ccpd/) for more information.

   b. **Study Abroad:** The Office of International Education and Global Initiatives assists students wishing to study abroad. See [https://www.binghamton.edu/iegi/](https://www.binghamton.edu/iegi/) for more information.

   c. **Tutoring:** Students who wish to tutor can do so on campus through the Center for Learning and Teaching, located in the College in the Woods Library. To count as a Scholars III activity, tutoring must be part of a structured program and must be approved by the Scholars Executive Director before beginning the experience. See [https://www.binghamton.edu/clt/tutoring-services/](https://www.binghamton.edu/clt/tutoring-services/) for more information.

   d. **Research:** Students wishing to do a research project are responsible for finding a faculty member to sponsor their project and sign off as their faculty sponsor on the Scholars III application form. For assistance, contact the Undergraduate Research Office. See [https://www.binghamton.edu/student-research-and-scholarship/](https://www.binghamton.edu/student-research-and-scholarship/) for more information.

   e. **Civic Engagement:** For students wishing to become active in community service, contact the Center for Civic Engagement. See [https://www.binghamton.edu/cce/](https://www.binghamton.edu/cce/) for more information.

**SCHL 391: Scholars Teaching Practicum** CRN 26941

Credit Hours: 2

**Course Description:** 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.

**Prerequisites:** SCHL 127, SCHL 280/281, restricted to Binghamton University Scholars, and Permission of Scholars Executive Director.

**SCHL 395: Scholars Internship CRN 12116**

**Credit Hours:** 1 to 4

**Course Description:** On-the-job, 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 280/281, restricted to Binghamton University Scholars, and Permission of Scholars Executive Director.

**SCHL 396: Guthrie Scholars Premedical Internship CRN 29177**

[https://www.binghamton.edu/scholars/resources/guthrie.html](https://www.binghamton.edu/scholars/resources/guthrie.html)

**Credit Hours:** 12

**Instructors:** Physicians and professional staff at Guthrie Clinic Robert Packer Hospital

**Instructor of Record:** Professor William Ziegler, Scholars Executive Director

**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: 12; letter grade.

**Prerequisites:** SCHL 127, SCHL 280/281 (one section) and SCHL 227 preferred. Junior level at the time of internship preferred. Restricted to students enrolled in the Binghamton University Scholars Program. Permission of Scholars Executive Director, and an application process through Guthrie is required.

**SCHL 397: Scholars Independent Study CRN 17043**

**Credit Hours:** 1 to 4
Course Description: Independent study supervised by an instructor approved by the Scholars Executive Director. Permission of Professor Ziegler, Executive Director required.

SCHL 427: Scholars IV: Capstone CRN 27520

A. Course Description: 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 Executive Director in advance through B-Engaged. The Scholars IV requirement may be achieved through a variety of options. For students in SOM, DSON, Harpur Psych ABA Track, and Watson (Engineering programs only), the Scholars IV requirement is met by specific degree requirements. SCHL427 is a zero-credit course that will be graded as P / F and must be completed as part of the Scholars Program requirements.

B. Capstone Learning: Responsibility for identifying an appropriate Scholars IV capstone activity rests with each Scholar. This should be something planned from early on in your time at Binghamton University, but certainly no later than your third year, and should be completed in your fourth year or earlier.

C. Approved Options for Completing SCHL 427:
   a. 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).
   b. 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).
   c. Department Honors: Earn honors in the department of your major (Check to see if your major has an honors program).
   d. Decker School of Nursing Senior Year Clinical: NURS 471 Practice of Nursing V
   e. Harpur College: Psych ABA Track - PSYC 494 Assessment, Intervention and Evaluation III
   f. Watson Senior Project: (engineering programs only, not CS): ISE 492, EECE 488, ME 494, BE 451
   g. School of Management: MGMT 411 Global Strategic Management
   h. School of Pharmacy and Pharmaceutical Sciences: PHRM 562 Introductory Pharmacy Practice Experience, PHRM 595 Pharmacy Capstone Project
   i. The Guthrie Scholars Premedical Internship: SCHL 396, An undergraduate medical residency program at Guthrie – Robert Packer Hospital
   j. Capstone Course Option 1: Complete a 400-level (or above, minimum 3 credit hours) elective course that does not count towards the requirements of your
major. Note that 400 level courses satisfying a minor or second major are eligible. If a course from another university is to be used to meet this requirement, the course must be the equivalent of 400 level (senior) courses at Binghamton. A SCHL course cross-listed with a 400-level course, being used to satisfy the SCHL 280/281 requirement, may not also be used to satisfy Scholars IV.

k. **Capstone Course Option 2:** Complete a 400-level (or above, minimum of 3 credit hours) elective course that does count toward the requirements of your major and identify, with the help of your instructor, additional requirements related to the course, requiring a minimum of 40 hours, over and above all other requirements for the course.

l. **Capstone Research, Project or Independent Study:** Under the guidance of a member of the Binghamton University faculty, complete a culminating project, research activity, or independent study. A minimum of 50 hours must be committed towards this activity. This work must be at the capstone level, as opposed to entry level or intermediate level work.

D. **Credit:** SCHL 427 is zero credit hours.

E. **Grading:** Pass / Fail only. Even though SCHL 427 is zero credits, a grade for the course will be present on your transcript.

F. **Instructions and Timeline Information:**
   a. **When to Begin:** Responsibility for identifying an appropriate Scholars IV capstone activity rests with each Scholar. This should be something planned for early on in your time at Binghamton University, but certainly no later than your third year, and should be completed in your fourth year or earlier.

b. **Submit Pre-Approval:** All Scholars must complete a Scholars IV Pre-Approval Application on B-Engaged prior to the add / drop regardless of the option chosen. Visit bengaged.binghamton.edu and click on the Binghamton University Scholars Program group. On the right-hand side you should see “Group Links,” one of which will say “Applications, Forms, and Surveys.” You must log in to B-Engaged to view this. Fill out the appropriate application and upload a signed Scholars IV Pre-Activity Supervisor Approval Form.

c. **Register for SCHL 427:** Register for SCHL 427 in the semester you plan to complete the Scholars IV Requirement. This must be completed before add / drop deadlines. SCHL 427 is a zero-credit course, but it must be completed as part of the Scholars Program requirements. Those registering for SCHL 427 but failing to complete all requirements will receive a grade of F for the course.

g. **Complete the Capstone Requirement:** A minimum of 40 hours must be devoted to the activity and the activity must be supervised.
h. **Submit Post-Approval using B-Engaged:** Upon completion (or near completion for final semester seniors) of your Scholars IV activity, fill out and submit the Scholars IV Post-Activity Report form on B-Engaged. Visit bengaged.binghamton.edu and click on the Binghamton University Scholars Program group. On the right-hand side you should see “Group Links,” one of which will say “Applications, Forms, and Surveys.” You must log in to B-Engaged to view this. Fill out the appropriate application and relevant forms. The Post-Approval Application and all supporting documents must be submitted by December 1st if you plan to complete the requirement during the fall semester. If you plan to complete the requirement during the spring semester, the deadline is May 1st. The Scholars IV Post-Approval form must be submitted in the same semester in which the Scholar registers for SCHL 427.

i. **Submit the Application for Completion of Scholars Program Requirements:**
   Upon completion (or near completion for final semester seniors) of your Scholars IV activity, complete the Application for Completion of Scholars Program Requirements form on B-Engaged. Visit bengaged.binghamton.edu and click on the Binghamton University Scholars Program group. On the right-hand side you should see “Group Links,” one of which will say “Applications, Forms, and Surveys.” You must log in to B-Engaged to view this. Fill out the appropriate application. This application must be submitted by December 1st if you plan to have completed all Scholars Program requirements during the fall semester. If you plan to complete all requirements during the spring semester, the deadline is May 1st.

**SCHL 498: Advanced Undergraduate Project** CRN 28210  
**Course Description:** Participation in a project under supervision of a faculty member. Approval of proposed project by the faculty member and Scholars Executive Director must be obtained prior to registration. Written final report required. Supervising faculty member must be a regular member of the Binghamton University faculty. Variable credit (1-4 credit hours; 40 hours per semester, per credit hour required).  
**Prerequisites:** SCHL127, SCHL227, SCHL280/281 (intended for junior and senior Binghamton University Scholars).

**SCHL 499: Advanced Undergraduate Research** CRN 28211  
**Course Description:** Conduct independent research under the guidance of a faculty member or assist with ongoing faculty research. Approval of proposed research by the faculty member and Scholars Executive Director must be obtained prior to registration. Written final report
required. Supervising faculty member must be a regular member of the Binghamton University faculty. Variable credit (1-4 credit hours; 40 hours per semester, per credit hour required).

**Prerequisites:** SCHL127, SCHL227, SCHL280/281 (intended for junior and senior Binghamton University Scholars).
V. Future SCHL 280/281 Course Offerings

Predicting which SCHL 280/281 courses will be offered each semester or year is not possible due to the variables associated with faculty availability. Be assured that approximately seven courses will be offered each semester. No Scholars courses are typically offered during Winter and Summer sessions.

VI. Spring 2020 SCHL 280/281 Courses (and gen-eds)

A. SCHL 280B, Applied Research Challenge – O
B. SCHL 280D, Istanbul: World Crossroads – J, N, G**
C. SCHL 281N, Applied Journalism – J
E. SCHL 281O, Constitutional Rights of College Students - O
F. SCHL 280X, Dramas of Finance – G
G. SCHL 280I, Philanthropy & Civil Society – J

**Permission of Instructor is required for this course. See course description.**

First-Year Research Immersion (FRI) Program and SCHL 280/281 courses:

Scholars enrolled in the FRI Program and taking the required FRI courses may optionally (not required) delay taking their SCHL 280/281 courses for up to one year if so desired. Therefore, instead of taking SCHL 280/281 courses in the second and third semesters, FRI Scholars may delay taking their SCHL 281/281 courses until their fourth and fifth semesters if desired. Scholars MUST request permission from Professor Ziegler (by email) to delay meeting the SCHL 280/281 requirements. All other Scholars requirements must be fulfilled on time. For more details, please visit: www.binghamton.edu/scholars/resources/fri.html.
SCHL 280B: Interdisciplinary Applied Research and Proof of Concept in Aviation CRN 21949

**NOTE: This course is applicable to ALL MAJORS at Binghamton University. No engineering or aviation background is necessary.**

**NOTE TO WATSON ENGINEERING STUDENTS AND THOSE WITH AN ENGINEERING MINOR:**
SCHL280 Interdisciplinary Applied Research and Proof of Concept in Aviation has been approved as an elective within the following engineering majors (a minor) in the following programs:

A. The following departments WILL permit SCHL 280 as an engineering elective:
   - Dept. of System Science and Industrial Engineering
   - Dept. of Electrical and Computer Engineering
   - General Engineering Minor managed by the Engineering Design Division

B. The following department has not yet decided if SCHL 280 will be permitted as an engineering elective; as soon as a decision is made, then Scholars will be notified by email:
   - Dept. of Biomedical Engineering

C. The following departments will NOT permit SCHL 280 as an engineering elective:
   - Dept. of Mechanical Engineering
   - Dept. of Computer Science

**Course Instructors:** Chad Nixon, Senior Vice President, McFarland Johnson, Inc; Zachary Staff, Regional Aviation Planning Manager, McFarland Johnson, Inc

**Credit Hours:** 4

**Gen Ed designations:** O - Oral Communication

**CRN:** 21949

**Course Time:** TR, 11:40am – 1:05pm

**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:** Enrolled in the Binghamton University Scholars Program, SCHL 127.

**Instructor Bio:** 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.

**Instructor Bio:** Zachary Staff currently serves as the Regional Aviation Planning Manager 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 the past
President 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 280D: Istanbul: Imperial City of Splendors at the Crossroads of East & West CRN 31502

**Permission of Instructor is REQUIRED for SCHL280 (see further details for below).**

**NOTE: This course includes a trip to Istanbul (additional costs apply).**

A. Please seek permission from the instructor NOW. Do not wait until registration opens. For permission, contact: Professor Kent Schull, kschull@binghamton.edu.

B. Be sure to read and understand all requirements as described below including an additional financial obligation, before seeking permission.

C. To begin the permission process, students must fill out a form provided by the Office of International Programs at https://binghamton-oip.terradotta.com/index.cfm?FuseAction=Programs.ViewProgramAngular&id=10076.

**NOTE: The $3,500 Scholars Award available to Scholars who enrolled in Fall 2017 or later is NOT APPLICABLE to the trip to Istanbul that accompanies this course.**

Course Instructors: Dr. Kent F. Schull, Associate Professor of Ottoman and Modern Middle East History, Harpur College, Binghamton University

Credit Hours: 4


CRN: 31502

Course Time: TR, 2:50pm – 4:15pm

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 $3,500 for travel. Financial Aid is available through the Financial Aid office and OIP, but initial applications must be received by October 1st, 2019. Supplemental application pieces will be accepted until October 7th, 2019.
**Prerequisites:** Enrolled in the Binghamton University Scholars Program, SCHL 127.

**Instructor Bio:** Dr. 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 many 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.

**Trip Co-Director Bio:** Katherine Bouman has worked as Associate Director of the Binghamton University Scholars Program since 2014. Her academic background and training is in anthropology and art history. She received a BA from Vassar College and a MSEd in Museum Education from Bank Street College of Education in 2004. She has worked at the American Museum of Natural History, the Brooklyn Museum of Art, and the Metropolitan Museum of Art in New York City. Her academic areas of interest include exhibition design, audience research, program assessment and orangutans. When she is not mothering her three children, she enjoys gardening, swimming, and any activity that does not involve temper-tantrums. She loves Istanbul and Turkish cuisine.

**Additional Information:**
To learn more about the costs involved, and to apply to register for SCHL280D Istanbul: Imperial City, please visit *BY OCTOBER 1st, 2019*  [https://binghamton-oip.terradotta.com/index.cfm?FuseAction=Programs.ViewProgramAngular&id=10076](https://binghamton-oip.terradotta.com/index.cfm?FuseAction=Programs.ViewProgramAngular&id=10076)

All questions regarding the application should be directed to Amber Jennings, Office of International Programs, at ajenning@binghamton.edu.

All questions regarding the course and registration process can be directed to 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.** The deadline for the application is October 1st, 2019. All other application material will be accepted until October 7th, 2019. 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 281N: Applied Journalism CRN 32490

Course Instructor: Thomas Wilber

Credit Hours: 4
Gen Ed designations: J – Joint Oral Communication and Composition
CRN: 32490
Course Time: TR, 2:50pm – 4:15pm

Course description: In this course, students will learn the fundamentals of journalistic writing, photography and graphic arts while producing a magazine titled “The Scholars Magazine.” The course will emphasize clear, original writing, strong story hooks and compelling visuals to engage, inspire and entertain readers. Assignments will be grounded in professional journalistic standards, including understanding demographics and speaking to the tastes and interests of a given audience. Students will learn all steps of producing a magazine from conceptualization to printing and final distribution. Along the way, they will create, design, format, and edit content, including copy, graphics and photographs. Early class time will be spent discussing 20th century journalism as a foundation for the social/political system of our times, and as a basis for comparisons and contrasts with journalistic expectations and standards of today. We will also discuss the stylistic and functional differences of hard-news, op-ed, features, and house organs (in-house publications) as they serve various audiences. Course content is applicable to skills in any number of careers ranging from writing to marketing, and journalism to public relations.

Prerequisites: Enrolled in the Binghamton University Scholars Program, SCHL 127.

Instructor Bio: Tom Wilber is a journalist, author and public speaker. He was a staff writer for 25 years for Gannett Company’s Central New York Newspaper Group and USA Today Network, where he won individual or team Best of Gannett honors on five occasions, most recently in 2016 for coverage of shale gas development in New York and Pennsylvania. His 2012 book, Under the Surface: Fracking, Fortunes and the Fate of the Marcellus Shale (Cornell University Press) was selected as a finalist for the 2013 New York Public Library’s Helen Bernstein Book Award for Excellence in Journalism. He is currently working on a book about a World War II bomber and crew of eight that vanished over upstate New York in 1944. That work, Vanishing Point, is scheduled for publication by Cornell University Press in 2021. Wilber has taught newspaper journalism at Binghamton University for many years. He holds a masters degree in magazine journalism from the S.I. Newhouse School of Public Communications program at Syracuse University.
SCHL 280G: The Psychology of Human Bodies CRN 20005

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, 7:35pm – 9:00pm

Course description: 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. Particular focus will be paid to how bodies shape our development and worldview, African Americans and Asian Americans and the impact of gender on body and reproductive health, and gender identity and sexual orientation. We will be reading: “Marginalized Reproduction: Ethnicity, Infertility and Reproductive Technologies to gain insight into these topics.” We will have a number of readings on sexual orientation including one on modern prejudice. We will also be reading “She’s Not There: A life in Two Genders” to gain insight into these topics.

Prerequisites: Enrolled in the Binghamton University Scholars Program, SCHL 127.

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 dogs.
SCHL 281O: Constitutional Rights of College Students CRN 32477

Course Instructor: Brian T. Rose, J.D. – Vice President for Student Affairs

Gen Ed designations: O – Oral Communication
Credit Hours: 4
CRN: 32477
Course Time: T, 6:00pm – 9:00pm

Course Description: The purpose of this course is to study, analyze and clarify significant legal issues that affect the relationship between students and their college / university. Our primary emphasis will be upon rights rooted in federal constitutional protections related to free speech, privacy, fairness in student discipline and nondiscrimination, though class exploration will also address related statutory authority such as FERPA, Title IX and the Americans with Disabilities Act. The class will examine these issues through reading, discussion and critical analysis of relevant court opinions and topical cases and controversies drawn from current events. Examples of issues that students will explore include understanding how to distinguish protected speech from speech that can be lawfully sanctioned, the extent to which students have a right to privacy in university operated residence halls, what makes a college judicial hearing fair / unfair and the legal and policy considerations surrounding preferences on the basis of race or gender in college admissions. Four credit hours, letter grade.

Prerequisites: Enrolled in the Binghamton University Scholars Program, SCHL 127.

Instructor Bio: Brian T. Rose, Esq. is Vice President for Student Affairs at Binghamton University. Prior to coming to Binghamton, he worked for sixteen years at Rutgers University in various roles within student affairs and institutional compliance. VP Rose began his professional career as a practicing attorney in the real estate department of the Philadelphia firm of Stradley, Ronon, Stevens & Young. He is a graduate of the University of Pennsylvania and of the Georgetown University Law Center. He has been engaged in major master planning projects at both Binghamton University and at Rutgers. Mr. Rose also spent seven years on the Zoning / Planning Boards of his former hometown of Metuchen, NJ. He is a member of the Society of College and University Planners (SCUP), among other professional memberships.
**SCHL 280X: Dramas of Finance** CRN 29729

**Course Instructor:** Doug Holmes, Distinguished Professor of Anthropology

**Gen Ed designations:** G - Global Interdependency

**Credit Hours:** 4

**CRN:** 29729

**Course Time:** TR, 6:00pm – 7:25pm

**Course Description:** In this course we will examine worlds of finance and the people who inhabit them. We will explore how finance—from hedge funds to central banks—has been portrayed in film, literature, and the social sciences. We will read contemporary accounts of financial innovations among traders in London, Chicago, and Tokyo as well as examine how policymakers regulate financial markets in Sweden, the United Kingdom, New Zealand, and Germany. We will also read literary depictions of finance by authors ranging from Anthony Trollope, *The Way We Live Now*, to Michael Lewis, *The Big Short*. We will screen a series of films, such as *The Bonfire of the Vanities* and *The Wolf of Wall Street* that depict financial players cinematically. The primary assignment of the course will be to design a project to study how financial markets succeed or fail at addressing abiding human concerns. Or, alternatively, to write a screenplay exploring how finance animates our daily lives. In each of our class meetings we will devote considerable time to the discussion and the refinement of our respective projects, exploring how we can study finance from diverse analytical and disciplinary perspectives. **No expertise in math is necessary.**

**Prerequisites:** Enrolled in the Binghamton University Scholars Program, SCHL 127.

**Instructor Bio:** Doug Holmes was among the first American anthropologists to focus their research careers on Europe. He has studied the dynamics of rural livelihood in Northeast Italy, the constitutional negotiations unfolding in the political precincts of Brussels and Strasbourg, and the urban estrangements and dislocations punctuating life in the East End of London. For two decades, he has explored the issues surrounding the rise of what we term—far too simplistically—the “extreme right” or “nationalist right.” Holmes has argued that these radical insurgencies must be understood as fascism in our time. He is also conducting field research on the operation of five central banks, investigating how the personnel of these institutions employ communications as a fundamental—though controversial—tool to manage the global economy and financial system. Holmes has published three major books: Cultural Disenchantments: Worker Peasantries in Northeast Italy (Princeton), Integral Europe: Fast-Capitalism, Multiculturalism, and Neofascism (Princeton); and Economy of Works: Communicative Imperatives in Central Banks (Chicago).
SCHL 280I: Philanthropy, Nonprofit Organizations and Civil Society CRN 22012

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

Credit Hours: 4
Gen Ed designations: J - Joint Oral Communication and Composition
CRN: 22012
Course Time: TR, 10:05am – 11:30am

Course Description: Philanthropy, Nonprofit Organizations and Civil Society: In this course, you’ll have thousands of dollars—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 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.
Prerequisites: Enrolled in the Binghamton University Scholars Program, SCHL 127.

**NOTE: This course is cross listed with PPL280A Philosophy, Politics, and Law. Scholars must register for the SCHL280I version or the course will not count as meeting a SCHL280 course requirement. This is one of the few courses that will not be comprised of only Scholars; the course will be evenly split between Scholars and Non-Scholars.**
**Instructor Bio:** 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.