

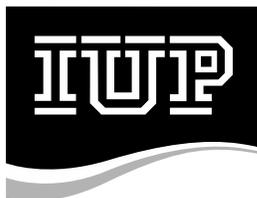
UNDERGRADUATE CATALOG 2017–18

COLLEGE OF EDUCATION AND
COMMUNICATIONS

www.iup.edu/education

This document is a direct extract from the full 2017–18 *Undergraduate Catalog*. As a result, the original page numbering will appear.

For information on other colleges at IUP, or about specific courses, please consult the full 2017–18 catalog, available at www.iup.edu/registrar/catalog. Earlier catalogs are also available at this web address.



Indiana University of Pennsylvania

The College of Education and Communications

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Since its founding in 1875 as the Indiana Normal School, Indiana University of Pennsylvania has been widely recognized for its excellent programs in teacher education. Although the scope of the university has been greatly expanded, the College of Education and Communications continues the tradition of preparing outstanding teachers to serve the students of the commonwealth and the nation.

The college comprises eight multidimensional departments and one center that offer 25 programs leading to bachelor's, master's, and doctoral degrees. Included in the college are Adult and Community Education; Communication Disorders, Special Education, and Disability Services; Communications Media; Counseling; Developmental Studies; Educational and School Psychology; Professional Studies in Education; Student Affairs in Higher Education; and the Center for Career and Technical Personnel Preparation.

The college is well-known for its opportunities to integrate hands-on learning. More than 100 students enjoy early field experiences each semester. In addition, the college places roughly 100 student teachers each year in public schools that provide a full semester of supervised teaching experience. Students are encouraged to take advantage of a full range of activities offered in urban, rural, and multicultural settings.

Practical experiences are important for students majoring in communications media. Students in this program are prepared in one of the largest internship programs in Pennsylvania. They select supervised work experiences with agencies throughout the commonwealth and neighboring states; many students are so successful in their internship placements, they are hired immediately upon graduation.

Mission Statement

The college provides leading-edge development and growth opportunities for students and professionals in education and allied fields.

Vision Statement

The college will be known nationally and internationally for the preparation of practitioners in education to serve a global society. The college will be prepared to serve a clientele of graduate and undergraduate scholars from increasingly diverse backgrounds. Teacher-scholars will apply diversified delivery systems to instruction, research, and service to meet the contemporary societal challenges.

Degree Requirements

All bachelor's degree candidates must satisfactorily complete a minimum of 120 credits to include all Liberal Studies and major requirements. All bachelor of science in education degree candidates must also complete the IUP 3-Step Process for Teacher Education as defined by Chapter 354 of the Pennsylvania Education Code and in accordance with university policies.

Associations and Organizations

- American Association of Colleges of Teacher Education (AACTE)
- American Psychological Association (APA)
- American Society for Training and Development (ASTD)
- American Speech-Language-Hearing Association (ASHA)
- Association for Childhood Education International (ACEI)
- Council for Accreditation of Counseling and Related Educational Programs (CACREP)
- Council for Exceptional Children (CEC)

- Council of Education of the Deaf (CED)
- National Association for the Education of Young Children (NAEYC)
- National Association of School Psychologists (NASP)
- National Broadcasting Society (NBS)
- National Council of Social Studies
- National Council of Teachers of Mathematics
- National Council of Teachers of English
- National Middle School Association (NMSA)
- Pennsylvania Association of Colleges of Teacher Education (PAC-TE)
- Pennsylvania Department of Education (PDE)
- Society of Health and Physical Educators (SHAPE)
- Teacher Education Council of State Colleges and Universities (TEC-SCU)

Undergraduate Degrees, Majors, Minors, Certificates and Concentrations

- **Bachelor of Arts:** General Studies
- **Bachelor of Science:** Communications Media (Media Marketing, Media Production, or Media Studies Tracks), Disability Services, Speech-Language Pathology and Audiology,
- **Bachelor of Science in Education:** Business Education, Early Childhood Education/Special Education, Early Childhood Education/Master of Education-Literacy, Middle-Level Education 4-8 with Mathematics, Science, Social Studies, or English/Language Arts Specialization, Special Education, Vocational/Technical Education
- **Associate of Arts:** General Studies
- **Minors:** Audiology, Communications Media, Deaf Studies, Educational Psychology, Educational Technology, Special Education
- **Certificates:** Audio Production, Autism, Photography and Digital Imaging, Popular Music Studies, Secondary School Cooperative Education Teacher/Coordinator, Special Education, Vocational-Technical Education
- **Track:** College of Education and Communications Honors
- **K-12 and Secondary Education Programs:** Art Education, Biology Education, Chemistry Education, Earth and Space Science Education, English Education, Family and Consumer Sciences Education, Health and Physical Education, Mathematics Education, Music Education, Physics Education, Social Studies Education (Anthropology, Economics, Geography, History, Sociology), Spanish Education

Graduate Programs and Certifications

- **Master of Education:** Business Education/Workforce Development, Special Education, Educational Psychology, Elementary and Middle School Mathematics Education, Literacy, Master's in Education, School Counseling
- **Master of Arts:** Adult and Community Education, Community Counseling, Instructional Design and Technology, Student Affairs in Higher Education
- **Master of Science:** Speech-Language Pathology
- **Doctor of Education:** Administration and Leadership Studies and Curriculum and Instruction
- **Doctor of Philosophy:** Communications Media and Instructional Technology, School Psychology
- **Graduate-Level Certifications:** Reading Specialist, School Psychologist, Elementary/Secondary Principal, Superintendent's Letter of Eligibility, Supervisor—Pupil Personnel Services K-12

Information describing master's and doctoral programs in education may be found in the current issue of the *Graduate Catalog*.

Honors Track, College of Education and Communications

The Honors Track enables students to participate in advanced study in the areas of learning and instructional theory, motivation to learn, assessment of student learning, classroom management, and the psychology of adolescent education. The Honors Track is encouraged for exceptional students in all fields of education. Honors course work is recorded on university transcripts, and students completing the Education Honors Track will be recognized at departmental commencement ceremonies.

Eligibility and Requirements: This track is open by permission to all education majors. To apply, an application should be filed with the Educational and School Psychology Department chairperson. Students may apply upon acceptance to IUP, or current students may make application following completion of one semester of course work. Applicants must have a minimum 3.25 GPA in total university or high school course work to apply. Students accepted before taking EDSP 102 complete EDSP 102/H/; 477/H/; two of the following electives: EDSP 373/H/, 376/H/, or 378/H/; and 493/H/. Students accepted following completion of a nonhonors section of EDSP 102 will be required to take all three of the courses offered (EDSP 373/H/, 376/H/, and 378/H/) in addition to 477/H/ and the Honors Internship. Students must earn at least a B in each course completed for the track to proceed and must maintain a 3.25 cumulative GPA. To determine how Honors Track courses will be integrated into existing requirements for their major, students should consult their advisors.

College of Education and Communications Honors Track

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Required Courses:

EDSP 102/H/	Educational Psychology	3cr
EDSP 477/H/	Assessment of Student Learning: Design and Interpretation of Educational Measures	3cr
EDSP 493/H/	Educational Psychology Honors Internship	1cr
Two or three courses from the following: (1)		
EDSP 373/H/	Psychology of Adolescent Education	3cr
EDSP 376/H/	Behavior Problems	3cr
EDSP 378/H/	Learning	3cr

- (1) Students accepted following completion of a nonhonors section of EDSP 102 are required to take all three of the courses offered. Students who complete EDSP 102/H/ are required to take two of the three courses offered.

Change of Major to a Teacher Education Program

Currently enrolled students who wish to make application for a teacher education program may get an application for a change of major from the college dean's office or department that houses the major. Secondary education programs are housed in the college of their respective discipline. A minimum cumulative GPA of 3.0 is required for all education majors by Chapter 354 of the Pennsylvania Education Code.

Students wishing to be considered as early childhood education/special education and middle-level education majors must submit with their application documentation of their successful completion of the Preservice Academic Performance Assessment (PAPA), Praxis Core, SAT scores/ACT scores, or equivalent as approved by the Pennsylvania Department of Education. Students approved for a change of major will be notified in writing within 14 business days. Students admitted to the new major will be advised by a faculty advisor in the major and permitted to register for major courses during the next registration period.

Change of major applications must be submitted to the appropriate department chairperson. Applications are reviewed by the chairperson and/or teacher education coordinator. The recommendation is then forwarded to the college dean's office for final review and action. Students must also comply with the IUP 3-Step Process for Teacher Education as appropriate

to their current status. This information can be viewed on the College of Education and Communications website at www.iup.edu/education.

IUP 3-Step Process for Teacher Education

Step 1. Application for Teacher Education

Eligibility requirements for enrolling in the professional education sequence, which includes EDEX 300/301, EDUC 242, 342, 442, EDSP 477:

- A minimum of 48 earned credits and a 3.0 cumulative GPA
- Successful completion of the PAPA, Praxis Core, SAT scores/ACT scores, or equivalent with the minimum passing score established by the Pennsylvania Department of Education.
- Completion of the following courses as defined by the major with a grade of "C" or better: ACE 103*, ENGL 101, 121*, EDSP 102, 6 credits in MATH 101 or better* (*See major for specific program requirement)
- Act 24/Act 34/Act 151 clearances and Act 114 federal fingerprinting
- Completion of speech, hearing, and TB test
- Proof of liability insurance (annual update required)—PSEA membership or private insurance (must have a minimum of \$1,000,000 per claim/aggregate of \$3,000,000 per occurrence if obtained via private insurance)
- Satisfactorily completed essay
- Reviewed evidence of starting an electronic portfolio to include CD or LiveText and portfolio evaluation
- Advisor's recommendation and signature
- Completion of Act 126 training

IUP education majors are encouraged to take the PAPA as soon as they are prepared for the exams. Extensive review materials and specialized workshops are available. Students who are not successful after five attempts are required to meet with the dean's associate for Educator Preparation for a consultation.

Step 2. Application for Student Teaching

Eligibility requirements for student teaching placement:

- Successful completion of Step 1
- A 3.0 cumulative GPA
- Successful completion of Praxis II Examination or Pennsylvania Educator Certification Tests (PECT). Scores must meet PDE requirements at the time the candidate makes application for teacher certification.
- Act 24/Act 34/Act 151 (annual update required)
- Proof of liability insurance (annual update required)—PSEA membership or private insurance (must have a minimum of \$1,000,000 per claim and an aggregate of \$3,000,000 per occurrence if obtained via private insurance). Effective August 31, 2006.
- Completion of all major courses, methods courses, and Liberal Studies sciences courses with a grade of "C" or better
- Updated electronic portfolio review to include CD or LiveText and portfolio evaluation
- Advisor's recommendation and signature
- Current TB test
- Completion of Act 126 training

Step 3. Application for Graduation and Pennsylvania Teacher Certification

Eligibility requirements for graduation:

- Successful completion of Step 2
- Successful completion of student teaching with a grade of "C" or better
- A 3.0 cumulative GPA
- Final approval of electronic portfolio to include evaluation of teacher work sample
- Completed application for graduation
- Completed application for Pennsylvania Teacher Certification
- The recommendation of student's academic advisor
- The recommendation of the IUP Teacher Certification officer

Appeal Provision

A student who believes that any requirement of this policy has been inequitably applied or that he/she merits special consideration may appeal through the proper sequence of channels: academic advisor, chairperson, and finally the dean's associate for Educator Preparation. Appeals must be made before the end of the next regular academic semester following the application.

Every effort should be made to resolve the appeal through the described process. If, at the conclusion of the appeals process, the student is still in disagreement with the findings, the student may request review before the Teacher Education Appeals Committee of the Academy for Teacher Preparation. The committee will be composed of three members representing the faculty of the Academy for Teacher Education Preparation, the Teacher Education Coordinator Council, and senior teacher preparation students.

To initiate an appeal, the student must file a form obtained at the Office of Educator Preparation. Appeals will be heard only during the regular academic semester. The student will be expected to submit written documentation of his/her complaint about the process of review for continuation or eligibility in the Educator Preparation program. The committee will review the materials and make its recommendation to the associate dean for Educator Preparation. A final decision rests with the associate dean for Educator Preparation, who is the certification officer.

Federal Higher Education Act Title II

This act requires all institutions that educate teachers to publish annually the passing rates on Praxis tests for their program completers. The annual report for IUP can be found on the website www.iup.edu/education.

Student Teaching

Student teaching is designed to be the culminating learning experience for prospective teachers. Student teachers practice teaching and managing a classroom under the supervision of a full-time master teacher in an off-campus center. A university supervisor is assigned to work with individual student teachers and their cooperating master teachers. To gain admission to student teaching, applicants must have achieved a minimum cumulative GPA of 3.0. In addition, students must complete all requirements of the 3-Step Process and should complete all other components of the Liberal Studies and professional core before student teaching. Some programs have standards above the minimum 3.0 cumulative GPA and/or course grade expectations above the minimum grade of "C." Each student should counsel with his/her advisor for information about specific program requirements related to qualification for student teaching. He or she should also check the College of Education and Communications web pages regularly for the most current information (www.iup.edu/education).

Student teaching is the capstone experience in the program of the emerging professional educator. Student teaching assignments are the responsibility of the university. To avoid conflicts of interest, students will not be assigned to districts from which they graduated or to districts in which they permanently reside or to schools in which an immediate family member is employed. Exceptions to this policy may be made in large urban school districts such as Pittsburgh and Philadelphia, where there are numerous elementary and secondary schools so avoidance of assigning student teachers to their "home school area" can be achieved. Any exception to this policy must be approved by the dean, College of Education and Communications, or his/her designee. All official policies and procedures, regarding the student teaching experience are included as part of the college's official *Handbook for Student Teaching*. The handbooks are available for download as part of the Educator Preparation website at www.iup.edu/teachereducation.

All teacher education programs leading to a certificate issued by the Pennsylvania Department of Education require that candidates complete field placements including student teaching in a school setting or intermediate unit. Under current law, no placement can be made until a candidate presents Pennsylvania Criminal Record (Act 34) and Child Abuse Clearances (Act 151), Arrest and Conviction Report (Act 24), FBI Fingerprinting Record (Act 114), and evidence of completion of on-line training for Act 126. Candidates for these programs should be aware that some districts or inter-

mediate units may not accept placements if any criminal record is reflected on these background checks. Candidates with a criminal record, even a summary offense, are asked to disclose this history to their program upon entry so that a determination can be made about whether placement will be possible. Some serious offenses, typically involving child welfare, preclude state certification. Students who do not provide the required background checks or for whom the Educator Preparation office cannot find an acceptable placement will be terminated from the program. Copies of candidate clearances must be on file with the Educator Preparation office before the student's beginning any school or intermediate unit placement.

Field Placements

The Office of Educator Preparation determines final placements for all fieldwork conducted in the public schools. In accordance with university policy, students must be officially enrolled in the course for which the fieldwork is being done. Students entering a classroom without being duly registered are in violation of university policy and may place themselves at risk legally. Therefore, registration for all field placements is mandatory.

All official policies and procedures for field experiences are included as part of the Field Experience I and II handbook, available for download as part of the Educator Preparation website at www.iup.edu/teachereducation.

Removal of a Student Teacher from a Student Teaching Placement

The policy for the removal of a student teacher from a student teaching placement can be found at the website www.iup.edu/education.

Certification Requirements

College of Education and Communications requirements for recommendation for certification as a teacher, as well as the intermediate steps leading to commonwealth certification, are outlined in the 3-Step Process. The requirements include the following:

- A minimum grade of "C" in all professional education courses and a 3.0 cumulative GPA
- Review and recommendation by the major academic advisor indicating completion of all university and departmental teacher education requirements
- Completion of student teaching with a minimum grade of "C"
- Successful completion of the PAPA, Praxis II, or PECT, and Praxis Specialty Area Tests
- Successful completion of PDE Form 430
- Competency in working with students with special needs (special education)
- Completion and submission of electronic portfolio, including portfolio evaluation of teacher work sample

Applications for certification cannot be processed until the student completes the BSEd degree or its equivalent.

Commonwealth Requirements for Teacher Certification

(Excludes Vocational Instructional Certification. See "Center for Career and Technical Personnel Preparation.")

Certification standards for commonwealth public school teachers are established by the Pennsylvania Department of Education and the Pennsylvania Board of Education. The academic advisor of the student's major department must verify for the dean of the College of Education and Communications that all academic requirements are met. The student's name is then placed on the graduation list.

Applicants for certification must sign a statement attesting to United States citizenship. Applicants who are not citizens must have an immigrant visa that permits them to seek employment within the United States, and they must have declared the intent to become citizens of the United States. Applicants must also submit a physical examination report and certify they are not in the habit of using narcotic drugs in any form, do not use excessive amounts of intoxicating beverages, are not currently under indictment by legal authorities, and have not been convicted of a criminal offense.

Applicants who are unable to meet one or more of these requirements must submit a full explanation with the application. In addition, they must attest to the fact that all information supplied in the application is accurate.

The Pennsylvania Department of Education issues an Instructional I certificate to beginning teachers upon graduation from and recommendation by the College of Education and Communications.

Professional Certification Application Fee

All applicants for teacher certification or professional education certifications from the Commonwealth of Pennsylvania through IUP will be assessed a \$260 application fee. Applicants for add-on and second certifications processed through IUP will also be assessed this fee. Requests for processing out-of-state teacher certification applications will be assessed a \$35 processing fee per request.

Centers and Clinics

The six centers and one clinic supported by the college offer a variety of services to the university community and citizens of the Commonwealth of Pennsylvania to include diagnostic testing, remedial services, assessment, and instruction.

The **Speech, Language, and Hearing Clinic** is staffed by speech-language pathology faculty and supervised graduate students working toward advanced degrees in speech-language pathology. Using state-of-the-art equipment, clinic personnel provide diagnosis of speech problems and hearing tests and evaluations, as well as a regular program of therapy for clients. As part of this program, clinic staff members provide testing and necessary therapeutic services to all teacher education candidates, who must meet strict speech and hearing clearances. Regularly enrolled students at IUP, including all teacher certification candidates, are eligible to receive these services without charge.

The **Child Study Center** provides opportunities for school psychology graduate students in the post-master's certification and doctoral programs to acquire professional skills under the supervision of certified faculty supervisors. Clinic personnel provide psychoeducational assessment for children and adolescents with learning and/or behavior problems. They also provide consultation for parents and public school personnel involved with these children.

The **Center for Media Production and Research** provides IUP students with real-world experiences in preproduction, production, and postproduction of digital media. Its primary technologies are advanced video techniques, such as green screen and digital video recording, but also include related media technologies such as animation, digital photography, video streaming, advanced audio production, and interactive software construction with video, audio, or animation components. The center supports the university and improves the region's quality of life by providing clients with advanced digital media products and by improving the overall climate for technology companies in the region.

The **Labyrinth Center** provides a comprehensive and holistic approach to support IUP students with Autism Spectrum Diagnosis (ASD) as they build relationships, gain independence, experience academic success, and graduate from IUP with the professional and personal skills needed to embark on a fulfilling life and career.

The **Literacy Center**, housed within the Department of Professional Studies in Education, provides opportunities for graduate students in the MED—Literacy program to gain experience toward a Reading Specialist Certification. The center offers assessment and instruction in reading and writing for children and adolescents. These instructional sessions are offered in the fall, spring, and summer. Family literacy services are also available.

The **Center for Creativity and Change** seeks to advance the knowledge base of undergraduate and graduate students as well as mental health professionals through the promotion and creation of professional trainings. The center is staffed by faculty members from the Department of Counseling. To successfully implement its mission statement, the center has been established with the following goals in mind: (1) organize regularly scheduled

professional trainings on mental health and educational topics relevant to the counseling profession; (2) offer opportunities for mental health professionals and educators in the region to learn from nationally and internationally recognized leaders and educators in the counseling profession; (3) enable the Department of Counseling to enhance its relationships and professional reputation with students, other IUP departments, professionals in the region, alumni, internship supervisors, and national leaders; (4) provide consultation services for school districts and counseling agencies; and (5) create and offer literature (pamphlets and books) and audiovisual products for educators and mental health professionals.

Specialized Instructional Facilities

The **Audio Studio** has multitrack analog recording and digital capabilities. Students are able to digitally master professional-quality tracks. Both analog and digital facilities are housed in sound-dampened studios and supplemented by radio production and recording studios for medium- and small-group recording sessions.

The **Advanced Audio Lab** includes five digital audio workstations with professional-grade audio monitors, converters, and software supporting up to 192 tracks of CD and DVD quality audio. The stations are linked with a state-of-the-art analog/digital network enabling audio sources to be shared across stations. In addition, the lab includes various microphones and musical instruments to support recording projects.

The **Full Body Motion Capture/Digital Effects Lab** includes the equipment to support full body motion capture for multiple actors. This includes specialized capture hardware and software, supplemental motion management and conversion software, 3-D rendering software and hardware, and additional data transmission and storage hardware and devices.

The **Graphics Multimedia Lab**, located on the ground floor of Stouffer Hall, provides a variety of software applications, black-and-white and color printing capabilities, color scanner, and a negative film scanner. The facility is used for instruction in graphics, as well as multimedia production. Software applications available in the lab include Macromedia Fireworks, Adobe Photoshop, Adobe Illustrator, and Macromedia Authorware.

The **Photography Studio** provides industry-standard photography studio equipment for students to create photographs in custom-controlled environments.

The **Portfolio Assistance Center** offers assistance in the completion of the electronic portfolio. The staff can assist in the use of the scanners, digital cameras, and video-editing hardware and software. A wealth of other software programs is available, along with workshops to assist with the digital portfolio.

The **Radio Station** at IUP, WIUP-FM, is a 1600-watt, noncommercial, student-operated facility. Students from a variety of majors volunteer as DJs and news and sports staff members. There are also many opportunities for students to host a variety of different types of music shows.

The **Speech-Language Pathology Video Observation Lab** is housed in the IUP Speech, Language, and Hearing Clinic. Funded by a Pennsylvania Department of Education Link-to-Learn Higher Education Technology grant in 2002, this is the only lab that utilizes a unique system for the digital video capture of students' speech and language diagnostic or treatment sessions. This system facilitates students' self-analysis of their sessions and supervisor feedback to students. The resulting digital files can also be used in classroom instruction or as components of student portfolios.

The **Television Station** broadcasts over a cable system that has a potential audience of 100,000 people. IUP-TV has approximately 100 students involved in management and production. The facility is student run with a faculty advisor and features state-of-the-art hardware and software.

Effective Teamwork and Communication Minor

The Effective Teamwork and Communication minor is an interdisciplinary program that aims to better prepare students for a competitive job market by instilling interpersonal, teamwork, and communication skills for use in

their field. Employers of today seek job candidates who possess a strong set of technical skills, but strongly prefer someone who can also work in a team environment. Ninety percent of employers believe that team skills are equally or even more important than technical skills when hiring. This minor provides students with ways to stand out from the crowd.

The addition of the minor is practical for all majors, particularly those programs with few free electives. The minor draws expertise from appropriate faculty across the university to introduce and relate in-demand teamwork attributes to core foundation theories of communication, leadership, sociology, and theater. Students further develop their teamwork and communication skills as they solve current, real-world problems in in-major projects within their required classes. The direct connections of the liberal courses and in-major coursework minimizes the course load for students who wish to enhance their education and future job prospects and emphasizes the application of a liberal studies education.

The coursework of the minor will expose students to understanding how their beliefs, attitudes, and actions affect the team as well as how the diversity of the team adds strength and additional perspective to solve complex problems facing society. Students will learn how to engage audiences with nontechnical and technically rich content, frame and present arguments, and develop the ability to speak about their work and its significance. Traits of good team members and leaders will be examined. Capstone projects, coupled with required in-major courses, provide a direct opportunity for students to develop their skills within their chosen field. Students will reflect on the personal qualities and attributes they bring to a team and prepare materials that best illustrate these skills to future employers.

Minor—Effective Teamwork and Communication 18-20

Required Courses: 12

COMM 261	Teamwork and Communication Skills for College and Career (1)	3cr
LDSP 361	Introduction to Leadership	3cr
SOC 161	Foundations of Sociology: Social Relations in Groups and Organizations (2, 3)	3cr
THTR 161	Introduction to Theater: Interpersonal Practices (4)	3cr

Interdisciplinary Teamwork Course: (5) 3-4

One course approved as a Teamwork-Intensive section (T-Course) course. 3-4cr

Capstone Courses: (6) 2-3

TMWK 461 Teamwork and Communication in Research (7) 1cr
 And one to two credits of independent study, honors thesis, or undergraduate research (8) 1-2cr

- (1) COMM 261 counts as a Liberal Studies Elective in Oral Communication and Information Literacy requirements.
 - (2) SOC 161 counts toward the Liberal Studies Social Science requirement.
 - (3) SOC 161 and 151 are interchangeable for pass/repeat. SOC 161 is required for the minor.
 - (4) THTR 161 counts toward the Liberal Studies Fine Arts requirement. THTR 161 and 101 are interchangeable for pass/repeat. THTR 161 is required for the minor.
 - (5) Any teamwork-intensive course can count towards a student's minor. Students are encouraged to take a teamwork-intensive course that is a required course or elective in their major.
 - (6) Students need a minimum 6cr of 300- and 400-level course work. This requirement is completed using one of the two following approaches:
 - 1) LDSP 361 and a 3cr 300- or 400-level teamwork intensive course or
 - 2) LDSP 361, TMWK 461, and 2cr of a 300- or 400-level independent studies/honors thesis/undergraduate research.
 - (7) TMWK 461 is a required course for the minor. The independent studies/honors thesis/undergraduate research course is a co-requirement (or may be taken as a prerequisite) for TMWK 461.
 - (8) Students who take a 3cr teamwork-intensive course need 2cr of independent study, honors thesis, or undergraduate research.
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