Interdisciplinary-A&S Courses

ASI 100. Academic Reading & Dialogue. 3 Hours
Academic Reading and Dialogue.

ASI 110. The Roots and Development of Western Culture in a Global Context. 7 Hours
An introductory two-course sequence integrating the study of English, history, philosophy and religious studies. The first course, ASI 110 (7 sem. hrs), offered in the fall semester, covers ancient civilizations through early modern civilization. (Completion of ASI 110 counts as completion of HST 103 and REL 103).

ASI 120. The Development of Western Culture in a Global Context. 8 Hours
An introductory two-course sequence integrating the study of English, history, philosophy and religious studies. The second course, ASI 120, (8 sem. hrs), offered in the spring semester, continues from the Enlightenment to the contemporary period. Restricted to first-year students in the Core Program. (Completion of ASI 120 counts as completion of second historical study course, PHL 103, and ENG 114 and ENG 198.) Prerequisite(s): ASI 110.

ASI 150. Introduction to the University Experience. 1 Hour
Examination of the values that inform academic progress in the College; discussion of strategies for taking full advantage of academic opportunities and integrating formal and experiential learning.

ASI 160. First Year Seminar for Discovering Students. 1 Hour
Examination of academic policies and procedures in the College; discussion of strategies for sustaining student success, selecting a major and incorporating experiential learning into the academic experience for Discovering (undecided major) students.

ASI 170. Applied Learning Strategies. 1 Hour
Students will explore personal strategies for academic success with a faculty or staff mentor.

ASI 201. Personal Value Development. 2 Hours
Exploration of the conceptual framework of value development. Application of concepts in such personal decision making as educational and career planning, developing satisfying personal relationships, and using time productively.

ASI 203. The Dayton Community. 3 Hours
An interdisciplinary social science course describing and analyzing the nature of community issues and problems of the Dayton area; various approaches to addressing local concerns including public, private and citizens initiatives are explored.

ASI 214. Dramatic Kinesics in a Foreign Language. 1 Hour
Corrective work in foreign language sound and gesticulatory patterns accomplished by enacting scenes from a play in the language. May be repeated in one language in successive stages of difficulty up to three semester hours. Registration may be retroactive. Prerequisite(s): Basic instruction in language; permission of instructor.

ASI 228. Focus on Women. 1 Hour
Interdisciplinary seminar on the changing roles and status of women. Requirement for women’s studies minors. May be repeated since topics change yearly.

ASI 301. Democracy & Deliberation. 3 Hours
Democracy & Deliberation explores competing theoretical approaches to and empirical assessments of democratic governance. Particular attention is paid to the role of deliberation and civic engagement in democracies. Students will help organize and execute a deliberative forum as part of the course.

ASI 305. Appalachian Studies. 3 Hours
Appalachian history and its influence on the present; problems of recent events; influence of local government and federal programs on the people; economic problems of underprivileged people and the future of industrial development; ecology of the region; literature, art, and music; psychology of social change and community development in the underdeveloped regions; health and mental health; problems of the Appalachian migrant.

ASI 320. Cities & Energy. 3 Hours
Interdisciplinary examination of the influence of energy on the urban environment since the Industrial Revolution, and how this relationship has affected every aspect of city life from infrastructure to culture (literature and film, in particular). Emphasis on the relationship between the development and design of cities and their impact on various forms of difference (e.g., race, class, and gender, among others), as well as the prospects for the future of cities and energy systems. Prerequisite(s): ENG 100, HST 103, or ASI 110.

ASI 322. Cities & Suburbs: The Influence of Place (Social Science). 3 Hours
This interdisciplinary course examines the changing social, political, economic, cultural, ethical, and religious factors that shape life in cities and suburbs. It examines the factors that influence where people choose to live and the conditions that both unite and divide people across urban/suburban regions. Particular consideration is given to issues of social injustice, privilege and oppression, and moral responsibility. The social science domain is emphasized. This course is cross-listed with ASI 323 and ASI 324. Students taking ASI 322 may not receive credit for ASI 323 or ASI 324.

ASI 323. Cities & Suburbs: The Influence of Place (Philosophy). 3 Hours
This interdisciplinary course examines the changing social, political, economic, cultural, ethical, and religious factors that shape life in cities and suburbs. It examines the factors that influence where people choose to live and the conditions that both unite and divide people across urban/suburban regions. Particular consideration is given to issues of social injustice, privilege and oppression, and moral responsibility. The philosophy domain is emphasized. This course is cross-listed with ASI 322 and ASI 324. Students taking ASI 323 may not receive credit for ASI 322 or ASI 324.
ASI 324. Cities & Suburbs: The Influence of Place (Religious Studies). 3 Hours
This interdisciplinary course examines the changing social, political, economic, cultural, ethical, and religious factors that shape life in cities and suburbs. It examines the factors that influence where people choose to live and the conditions that both unite and divide people across urban/suburban regions. Particular consideration is given to issues of social injustice, privilege and oppression, and moral responsibility. The religious studies domain is emphasized. This course is cross-listed with ASI 322 and ASI 323. Students taking ASI 324 may not receive credit for ASI 322 or ASI 323.

ASI 325. Cities & Institutions. 3 Hours
Examination of important urban institutions, including, but not limited to, city planning, economic development, public safety, and education.

ASI 341. Special Topics in Arts Study. 1-3 Hours
Examination of an interdisciplinary topic in arts study. Topics developed by faculty holding appointment in the Humanities Fellows Program or in an endowed chair. May be repeated as topics change.

ASI 342. Special Topics in Historical Study. 1-3 Hours
Examination of an interdisciplinary topic in historical study. Topics developed by faculty holding appointment in the Humanities Fellows Program or in an endowed chair. May be repeated as topics change.

ASI 343. Special Topics in Philosophy Study. 1-3 Hours
Examination of an interdisciplinary topic in philosophy. Topics developed by faculty holding appointment in the Humanities Fellows Program or in an endowed chair. May be repeated as topics change.

ASI 344. Topics in Religious Studies. 1-3 Hours
Examination of an interdisciplinary topic in religious studies. Topics developed by faculty holding appointment in the Humanities Fellows Program or in an endowed chair. May be repeated as topics change.

ASI 345. Special Topics in Social Science. 1-3 Hours
Examination of an interdisciplinary topic in social science. Topics developed by faculty holding appointment in the Humanities Fellows Program or in an endowed chair. May be repeated as topics change.

ASI 346. Special Topics in Physical & Life Science. 1-3 Hours
Examination of an interdisciplinary topic in physical and life sciences. Topics developed by faculty holding appointment in the Humanities Fellows Program or in an endowed chair. May be repeated as topics change.

ASI 347. Physics & Literature. 3 Hours
Examination of works of literature that are based on principles of physics. Basic physics experiments will be performed to reinforce theoretical principles. Prerequisite(s): ENG 102 or equivalent; SCI 190 or other PHY course.

ASI 350. Interdisciplinary Film Study. 1 Hour
A capstone course in the film studies minor. Interdisciplinary study of film from religious, philosophical, literary, creative, technological and institutional perspectives. Requirement for film studies minors. Prerequisite(s): Any combination of four courses (twelve semester hours): REL 372, PHL 324, ENG 331, ENG 332, CMM 345, other approved substitutes.

ASI 357. Vocation & the Arts. 3 Hours
As the culminating course of the Chaminade Scholars program—a course sequence emphasizing vocational discernment—ASI 357 explores how an understanding of, and engagement with, the arts (including literary works, photography, and other media) may deepen one's exploration of vocational discernment. This course is for students admitted to the Chaminade Scholars program. Prerequisite(s): REL 256 and SSC 200.

ASI 358. Christianity, Citizenship & Society. 3 Hours
Interdisciplinary social science course, capstone for Chaminade Scholars. Presentation of historical-theological context of the church and its impact on society. Designed to help students think through their place and role in the society in which they live, work, and worship. Prerequisite(s): (ASI 357; REL 356) or permission of department chairperson.

ASI 371. Professional Ethics in a Global Community - Business Administration. 3 Hours
Virtues and responsibilities of professionals to self, clients, community, and world. Philosophical and religious approaches to ethical theory and decision-making. In-depth study of one of the following: business ethics (371), ethics and education (372), engineering ethics (373), philosophical (374) or religious (375) consideration of membership in a global community.

ASI 372. Professional Ethics in a Global Community - Education. 3 Hours
Virtues and responsibilities of professionals to self, clients, community, and world. Philosophical and religious approaches to ethical theory and decision-making. In-depth study of one of the following: business ethics (371), ethics and education (372), engineering ethics (373), philosophical (374) or religious (375) consideration of membership in a global community.

ASI 373. Professional Ethics in a Global Community - Engineering. 3 Hours
Virtues and responsibilities of professionals to self, clients, community, and world. Philosophical and religious approaches to ethical theory and decision-making. In-depth study of one of the following: business ethics (371), ethics and education (372), engineering ethics (373), philosophical (374) or religious (375) consideration of membership in a global community.

ASI 374. Professional Ethics in a Global Community - Philosophical. 3 Hours
Virtues and responsibilities of professionals to self, clients, community, and world. Philosophical and religious approaches to ethical theory and decision-making. In-depth study of one of the following: business ethics (371), ethics and education (372), engineering ethics (373), philosophical (374) or religious (375) consideration of membership in a global community.

ASI 375. Professional Ethics in a Global Community - Religious. 3 Hours
Virtues and responsibilities of professionals to self, clients, community, and world. Philosophical and religious approaches to ethical theory and decision-making. In-depth study of one of the following: business ethics (371), ethics and education (372), engineering ethics (373), philosophical (374) or religious (375) consideration of membership in a global community.

ASI 390. Social Justice in Latin America. 3 Hours
This course adopts an inter-disciplinary, highly experiential approach to the topic of social justice in Latin America by focusing on the social, theological, and ethical dimensions of justice. Taught on-site in Latin America. Prerequisite(s): SPN 201 or equivalent or permission of instructor.

ASI 395. Integrative Capstone Project, India. 3 Hours
Development and presentation of a major project which demonstrates integration of philosophical analysis and synthesis with at least two other disciplinary perspectives and which makes application of these disciplinary perspectives to an aspect of a life of ministry.
ASI 398. Special Topics in International Development. 3 Hours
Study of political, philosophical, historical, and economic questions associated with developing countries. Topics determined by an interdisciplinary team.

ASI 399. Interdisciplinary Topics. 3 Hours
Study of special topics or themes of an interdisciplinary nature. Specific subtitles announced in composite. May be repeated as topics change.

ASI 404. Applied Study in Community Issues. 3 Hours
An advanced seminar that generates applied social science research related to contemporary social problems and public policy-making in the Dayton area. Students participate in research teams to assist government agencies in defining and analyzing critical social conditions (under supervision of faculty from various disciplines). Prerequisite(s): Permission of instructor.

ASI 448. Seminar in Family Development. 1 Hour
Interdisciplinary examination of issues relating to family relationships, changes in family life, and the social context of family life. Required of family development minors. Prerequisite(s): Twelve semester hours completed in the minor.

ASI 495. Integrative Capstone Project, India Program. 3 Hours
Development and presentation of a major project which demonstrates integration of philosophical analysis and synthesis with at least two other disciplinary perspectives and which makes application of these disciplinary perspectives to an aspect of a life of ministry.

Mini Courses Courses

UDI 055. Becoming a Mindful Learner. 1 Hour
Becoming a Mindful Learner is a seven-week learning course accompanied by one-on-one academic coaching sessions until the end of the semester. Students in the course will be provided with positive and supportive experiences in which they can develop a series of strategies to enhance their academic success. Must be current UD students in degree-seeking programs.

UDI 105. Learn Live Grow. 1 Hour
This is a transition course for new international undergraduate students. This course will prepare students for college level classroom.

UDI 120. PAGES: Prison Action Group for Education Service. 1 Hour
This mini-course is a service learning course at the Montgomery County Jail. Participants must go through a background check and tour and training at the jail; then, once authorized to enter the jail, students serve as tutors to nonviolent inmates preparing to earn the GED (Graduate Equivalency Diploma); each student is expected to tutor for two hours a week for at least 8 sessions: 16 hours.

UDI 136. Does Anyone Date Anymore?. 1 Hour
Dating, relationships and hooking up — it’s complicated in college. This course draws from various readings — both medieval literature and contemporary research — to facilitate classroom dialogue on the romance culture at UD. Students will be challenged to go on a date and reflect on their personal experience.

UDI 144. Prayer Through Music. 1 Hour
How often do we consider the ways in which we utilize music within our lives? Praying Through Music seeks to explore this question specifically in the ways that our making and taking of music informs our spirituality. The course will feature the experience of various methods of music prayer as well as the training of students to lead music prayer sessions.

UDI 145. Life Skills for First-Year Student Athletes. 1 Hour
Focus will be on the unique transitions that student-athletes face upon entering college. Student-athletes will explore several aspects of college life such as an introduction to the university, leadership and identity. Class limit: 20.

UDI 147. Building Academic Skills for Student-Athletes. 2 Hours
This course is designed to enhance student-athletes’ experience at the University of Dayton by building academic skills focusing on a growth mindset and leadership potential.

UDI 148. Everyday Conversations in China. 1 Hour
Everyday Conversations in China is exclusively for the China Institute. Taught by Soochow University, a partner of the University of Dayton, this course will provide students an introduction to China through a cultural and linguistic lens. Students will interact with their Chinese counterparts as well as faculty from Chinese universities to begin understanding more about China through language.

UDI 149. Learning Connections. 2 Hours
In this two-credit-hour course, we will explore the relationship between the research on learning, neuroscience, and your own experience of — and needs in — learning. The course will require you to make connections between the content of this course and your past and present learning experiences. The goal of the course is to further develop your approaches to studying and enhance your learning experiences in American college classes. (Note: this course is for International students, section M1 is reserved for international students enrolled in the School of Engineering) Class limit: 12 per section.

UDI 163. The Silent Journey: Reclaiming Silence in a Culture of Noise. 1 Hour
College life is noisy and busy, and it can be challenging to find silence to pray, to “be still and know God.” This course will journey with 10-15 college students through the season of Lent (8 sessions in total with one day retreat) to reclaim silence amidst the college life. Topics of the presence of social media, silence, prayer, and contemplation will be covered and engaged particularly through the Catholic and Marianist tradition.

UDI 165. Chaminade Scholars. 0.5 Hours
Students explore the topics of community, service and prayer in an effort to more fully understand Christian vocation.

UDI 166. Choosing Your Career. 1 Hour
This course is designed for first-year and sophomore students who have yet to decide on an academic major or career path. We will investigate personality type, interests, values and skills, and help students develop a more specific focus on their future career choices.

UDI 174. Health, Balance and Talents. 1 Hour
The college environment can make it feel impossible to manage your personal well being. Students in this course will redefine wellness through presentations by guest speakers, hands-on activities, and critical inquiry to enhance and enjoy life.

UDI 175. The Art & Science of Learning. 2 Hours
Students in this course will explore the intersection of research in neuroscience, psychology and educational psychology with their own experience of and needs in learning. The course will ask students to synthesize what they’re learning about themselves. Topics will include self-efficacy, motivation, Marianist community, responsibility and a variety of learning and study skills. First-year students. Class limit: 15.
UDI 184. Flyer Consulting Class. 1 Hour
This is an introductory business class designed to expose students to Flyer Consulting, the nonprofit sector, and to the consulting industry. It also provides an orientation to project management, teamwork, and professional skills through training sessions and activities.

UDI 185. Junior Achievement Economic Education Project. 1 Hour
This minicourse provides a unique opportunity to undertake service learning in area elementary schools. UD students present six short modules covering basic economics topics using materials provided by the Junior Achievement organization (designed to complement the Ohio state curriculum requirements). UD students from any school or major are welcome. Participants, working in teams of three to four UD students, gain valuable experience in making presentations and, more importantly, the satisfaction of motivating young students to stay in school and envision a better future.

UDI 190. ESTEEM - Engaging Students to Enliven the Catholic Mission. 1 Hour
ESTEEM (Engaging Students to Enliven the Ecclesial Mission) is a national ministry initiative designed to train, encourage, and support young adult Catholics to engage in their Catholic faith life more deeply and witness to their faith while in college and upon graduation.

UDI 202. Financial Strategies for the Real World. 1 Hour
Credit cards, car loans, 401(k) plans, retirement benefits, mortgages: As students, you may have never had to deal with any of these financial services. However, as soon-to-be college graduates, they are all just around the corner. This course is designed to teach students how to take care of their own finances by giving answers to all their financial questions. We will spend a great deal of time talking about healthy vs. unhealthy financial decisions and the rewards and consequences that come from these decisions. Class limit: 25.

UDI 204. This is UD: Archival and Primary Source Research. 1 Hour
Learn about the campus, community, Catholic, and Marianist past with this hands-on research course. Students will connect to the past by analyzing the University Libraries collections and research individual artifacts.

UDI 210. SAIL: Semester, Abroad, Intercultural Leadership and Re-Entry. 1 Hour
SAIL: Semester Abroad, Intercultural Leadership and Re-Entry is offered only to study abroad alumni that studied at the UD China Institute, Maynooth University (Ireland) or Universidad Pontificia Comillas (Spain) in the fall 2016 semester. This course allows student alumni of these programs to pivot towards becoming a global citizen within the UD community and post-graduation by learning about key notions of leadership and intercultural competency. Students registered for this course will have the opportunity to "un-pack" their experience abroad within these contexts alongside other SAIL alumni and applying it within their residential community at UD.

UDI 220. Maxie Prepare. 1 Hour
The focus will be on preparing for a study abroad experience and developing cultural learning in any context. The course will cover culture general concepts and culture specific strategies for learning and understanding that begin to connect the student to his/her host destination.

UDI 223. Small Faith Community Leadership. 0.5 Hours
This course provides spiritual and leadership development intended for the student leaders of small faith communities on campus, particularly those leading PORCH or Madeleine Groups through Campus Ministry. It will involve elements of prayer, reflection, and sharing on each leader’s engagement in small faith communities. This course will engage Sophomores through Seniors, some of whom will repeat the course as they lead small faith communities for consecutive years.

UDI 224. Understanding the Liturgy for Mass Coordination. 1 Hour
This course offers students the opportunity to engage more deeply in the Catholic liturgy. The course will be specifically framed to enhance the knowledge and formation of Mass Coordinators, and will require at least 2 hours of Mass Coordination at the Chapel of the Immaculate Conception.

UDI 227. Creative Analytics I: Lean Six Sigma. 1 Hour
Introduction to the principles and techniques used to optimize industrial and business processes. The course will include the Six Sigma approach known as DMAIC and Lean Enterprise principles such as Just-in-Time, Pull Systems and Set-up Reduction.

UDI 228. Creative Analytics II: Robotics. 1 Hour
Practical concepts of robotics as applied in automation systems. Business issues, technical aspects and the benefits of using robotics process automation will be explored. Discrete robotic as well as system applications will be used.

UDI 229. Creative Analytics III: Data Analytics. 1 Hour
This course will introduce students to commonly used Business Analytics (BA) methods through a series of hands-on assignments. Examples of analysis methods covered are spreadsheet optimization, data mining, data visualization, and text data mining. During the course, students will familiarize themselves with these methods by completing hands-on assignments. To complete the assignments, students will be using popular BA tools such as Microsoft Excel’s Solver, IBM’s SPSS, Microsoft’s PowerBI, and Tableau. At the end of the course, students should have an understanding of what makes each method unique, what types of analysis are appropriate for each method, and how to perform simple analyses using software tools.

UDI 230. Creative Analytics IV: Artificial Intelligence. 1 Hour
Artificial Intelligence (AI) spans a wide variety of topics including search, planning, reasoning, and learning, with the ultimate goal to make computer behave intelligently to tackle complex real-world problems. This course serves as a broad introduction to many AI topics, but taught at the undergraduate level, where students will learn to solve various AI problems with rigorous mathematical software tools. Given the limited time, we will try to avoid unnecessary difficulties of theoretic proofs and notations as far as possible to enable students to get a grasp on the big picture about AI. Students in this program will master an in-depth curriculum that covers both foundational principles and the cutting-edge advancements in AI, e.g. Deep Learning, which is one of the most transformational technologies. Through hands-on projects and exposure to modern AI tools, students will gain essential coding experience and develop their practical skills bridging the gap between colleges and industries.

UDI 240. Interfaith Dialogue Foundations and Practices. 1 Hour
In a world filled with religious diversity, how do we live alongside those with different beliefs than us? This mini-course will cover the foundations of interreligious dialogue from a Catholic perspective, including the history of interfaith activism, practices of interfaith dialogue, and engagement in multifaith prayer. Prerequisite(s): REL 103.
UDI 241. Religious Studies: Explorations and Discoveries. 1 Hour
The course allows Religious Studies majors and minors as well as those interested in learning more about the major to explore different facets of religious and theological studies as it relates to current events and issues, to form a community of learners, and explore vocation in relationship to their studies.

UDI 247. Introduction to Principles of Liturgy for Christian Musicians. 1 Hour
This course provides liturgical background and knowledge for the new undergraduate music ministers who will be chosen by auditioning in spring 2015 and will be leading/directing music at liturgies on campus. Enrollment is limited to those students who have completed the application process, auditioned and been accepted as undergraduate music ministers (called UGMMs for short). Selection will be in spring 2015.

UDI 257. Experiences in Operations & Supply Management. 1 Hour
Designed to immerse students into the contemporary issues of operations management. The course is comprised entirely of site visits and guest lectures from operations management leaders. The class is limited to 5 students. The goal of the class is to introduce students to the field of operations management by providing the opportunity to see for themselves what real operations managers do. The course is open to all UD students, but priority is given to undergraduate business majors who are yet undecided as to their choice of major.

UDI 258. Exploring Careers in Information Systems. 1 Hour
This course is intended for students exploring their interest in being a major, minor, or double major in management information systems (MIS) in the business school. The course is designed to allow students to develop an understanding of career possibilities in MIS. The class focuses on introducing students to careers in information systems by providing opportunities to see, discuss, and experience what real information systems professionals and managers do. The course is comprised primarily of visits with MIS professionals, discussions, and experiences guided by leaders and professionals in the information systems field. This class is limited to 5 students.

UDI 262. Exploring Sustainability, Energy and Environment. 1 Hour
This minicourse provides an exploration of sustainability, energy and environment (SEE) themes, people and organizations (both on and off-campus). Students choose from a menu of field trips, service projects, speakers and dialogue events. Several discussion sessions with classmates and a reflection paper aid in integrating the experiences. The course is designed for students in the SEE integrated learning-living community. It is also open to other students in their first year at UD, of all majors, who are interested in SEE issues.

UDI 265. Christian Leadership Development. 1 Hour
Required course for students selected to be Student Leaders for the Christian Leadership and Vocation Callings workshop. The course will prepare students to be effective leaders and to assist incoming first-year students in articulating the role of vocation in their life. The course will include a retreat experience, a service learning experience, and classes.

UDI 267. Journey towards Global Citizenship. 2 Hours
This course is offered only to GLLC residents in the fall semester. This course allows residents to engage in deeper intercultural experiences, learning more about themselves, each other, and how they can contribute more fully to the Global Learning Living Community experience and beyond. Students registered for this course will have the opportunity to explore culture in an experiential format and with other GLLC peers. Permission required.

UDI 270. Premedical Community Health Experience. 1 Hour
This one-credit pass/fail minicourse is intended to orient and train students to provide services as volunteers at Reach Out of Montgomery County. In addition to learning skills required to perform volunteer functions during the open clinic, students will learn about the complexities of providing health care to underserved populations and develop interpersonal skills to be empathic and informed advocates for patients. Class limit: 12.

UDI 276. Predental Community Health Experience. 1 Hour
Students preparing for admission to dental school benefit from the opportunity to observe and assist in a dental environment. UD students are drawn to opportunities to provide service in the Dayton community as part of their undergraduate experience. The purpose of this mini-course is to provide an opportunity for pre-dentistry students to observe dentists practicing in a nonprofit environment and assist in providing dental services to patients. Prerequisite(s): 45 credits of completed coursework.

UDI 277. Medical Documentation in the EMR Age and the Medical Scribe. 1 Hour
This course is a one credit pass/fail mini course intended to provide the student with a glimpse into the complexities of documentation in an electronic medical record. In addition to learning the basics of documentation, the student will be provided an opportunity to practice scribing into a medical record. Additional training will be available to those interested in pursuing a position as a medical scribe with ABC Scribes.

UDI 278. Health Careers Seminar. 1 Hour
Career planning course will explore a variety of health careers and help students gain insight into which careers are good fits based on self-assessment activities. Course will include clinical observation and opportunities for service learning.

UDI 282. BEES in the Field: Business Ethics & Environmental Sustainability (BEES) Field Trips. 1 Hour
This course is designed to complement coursework in environmental sustainability and business ethics. While innovated to meet the particular needs of students in the Integrated Living Community- BEES, it is also a great complement to coursework in ECO 435: Environmental Economics as well as other sustainability and SEE classes. Trips to sewage treatment plants, landfills, and vulnerable environmental sites (e.g. wetlands) will be offered; there will also be guest speakers and films on campus and/or visits to other private and public sector entities in the Dayton vicinity that impact the environment. Students will be able to choose from a number of options that may include a kayak/canoe trip and a biking outing. Students can choose between several events; they just have to attend 13 hours of programming over the course of the semester.

UDI 285. Bee Keeping and Keeping Bees. 1 Hour
Beekeeping (apiculture) has been growing in popularity, and not just because it is profitable. Humans are increasingly aware that keeping bees in good health is vital to our own food security. This course will not only prepare participants to start their own bee-keeping businesses; it will also address the importance of bees in our economy and ecosystem and explore the ontological threats to bees.
UDI 290. Introduction to Engineering Design and Appropriate Technology. 0.5 Hours
An experiential course in appropriate technology and engineering design which spans the Spring or Fall semester in preparation for a ten-day service-learning experience focused on technical or engineering related work in a developing country. The course also includes language preparation, travel orientation, and intercultural awareness discussions. Prerequisite(s): EGR 103.

UDI 309. Medical Terminology for Premeds. 1 Hour
This course will instruct students on the basics of the language of medicine as taught by a practicing family physician. Real-world scenarios and case studies presented from actual clinical practice will enhance the motivated student’s ability to learn medical terminology. Skills mastered in this class will remain with the future physician or healthcare worker for the remainder of his/her career.

UDI 310. Maxie: On-Site. 0-1 Hours
This course aims to utilize the city as the classroom while the traditional classroom will serve as a space where students can make sense of their experience through interactive discussion, group activities, and independent journaling. Ultimately, through reflection, students should internalize their study abroad experience and may undergo changes impacting attitudes and actions in their home country and at UD.

UDI 314. The Facing Project. 1 Hour
The Facing Project mini course is designed for students who are participating in the Facing Project hosted by the Fitz Center for Leadership in Community.

UDI 315. The River Steward Experience I. 1 Hour
This course is for the River Stewards ONLY, the student group of the Rivers Institute at the University of Dayton. River Steward Experience Year I will highlight aspects of leadership development and civic engagement through education, experience and action in an interdisciplinary setting. Students will begin to lead discussions and interact with community partners. The Great Miami River will serve as the focus for community engagement and meaningful learning. Class limit: 20.

UDI 316. River Steward Experience. 1 Hour
This course will be a seminar for the River Stewards, the student group of the Rivers Institute at the University of Dayton. The course will be available for only River Stewards. This course will highlight components of education, action and experience. Participants in the Year 1 mini-course will, under the supervision of the instructor, organize and teach many of the topics covered in the Year 1 course. The Great Miami River will serve as the focus for community engagement and meaningful learning.

UDI 344. Musical & Opera Workshop. 1 Hour
An experiential course where students rehearse and perform in a mainstage musical or opera production. Audition required. Open to all students. Fall only. Co-requisite(s): MUS 390; additional rehearsals to prepare for production.

UDI 359. Employment Readiness. 1 Hour
Conducting your job search can be a daunting task; breaking it down into manageable steps will help you be successful. You will acquire professionalism with ease and become more self assured in business interactions. You will also learn how to become a highly desirable employee by understanding career leadership skills most desired by employers, such as professionalism, problem solving, respecting workplace boundaries and diversity.

UDI 360. Cross Cultural Immersion Preparation. 1 Hour
The Cross-Cultural Immersion Preparation course offers students one credit hour as they prepare for their summer immersion through the Center for Social Concern. The course will introduce students to the intricacies of foreign travel and immersion and will discuss global issues. This is a requirement for all students participating in a summer immersion through the CSC and is only open to those students.

UDI 363. ULEAD: Leadership Program Emerging Leaders. 2 Hours
The UleaD course is carefully structured to explore concepts of leadership. Facilitated as an emerging leaders program, UleaD focuses on providing opportunities for students to develop a better understanding of self and others, strengthen leadership skills, and network.

UDI 370. Model United Nations. 1 Hour
Examination of the work and procedures of the United Nations and its constituent bodies, study of various international issues and policies of member states, as well as of parliamentary diplomatic practices such as caucusing, resolution writing, and speech making in preparation for participation in Model United Nations simulations. Prerequisite(s): Permission of instructor.

UDI 371. ACT I: Creative Confidence Through Critical Perspective. 1 Hour
Students are introduced to applied creative theory and critical thinking through the Institute of Applied Creativity for Transformation’s (IACT) transdisciplinary, experimental sessions focused on developing inquiry, reflection and confidence through critical and creative experimentation (with special focus given to the White Box Incubator Design). 1 credit hour mini-course; offered during Fall semester only.

UDI 372. ACT II: Innovative Practice Through Creative Confidence. 1 Hour
Students are grouped based on their collective purposes to experiment with creative theory as innovative practice within their disciplines. Students will design a collaborative session exploring applied creativity as a tool and mindset for innovative change in solving social, commercial, professional and academic challenges. Prerequisite(s): UDI 371.

UDI 373. Design Your Life. 1 Hour
Through purpose-based learning and a humanity-centered approach, students will build the creative confidence to tackle the dilemmas that life presents with intention, in order to imagine and evoke innovative social change within society - through their disciplines of study.

UDI 374. GEMnasium: Freedom Enterprise. 1 Hour
This course is a 12-week continued learning experience for students who created novel deliverables for the GEMnasium Spring 2018 Grand Challenge. The seven deliverables were moved into the IACT Summer Collaboration Accelerator which produced the FREEDOM ENTERPRISE, a work-force development strategy for recovering addicts and formerly incarcerated individuals. This course will ask students to continue furthering the FREEDOM ENTERPRISE ecosystem through an experiential blend of social entrepreneurship and dignified hospitality and service practices.
UDI 377. Understanding, Respecting and Connecting II: Taking Action. 1 Hour
This course is intended as a follow-up to UDI 380 Understanding, Respecting, and Connecting: Examining Privilege and Taking Action from last spring. This course will use applied academic concepts, reflective practices, and dialogue skills as students work on implementing a large scale project on campus; this course will focus on supporting students during their efforts to engage with the values and philosophy they observed at the White Privilege Conference. The goal of the course is to facilitate student initiatives in collaboration with faculty and staff on campus. Students are expected to apply their understanding of the role of diversity and privilege in creating injustices and boundaries on campus and in the community. Enrollment is limited to students who participated in UDI 380 last spring; they will be organized into self-selected groups that will pursue completing sustainable action for dismantle injustice in the UD community and beyond.

UDI 380. Understanding Respecting and Connecting: Examining privilege and taking action. 2 Hours
During the course students will examine their own privilege and dialogue with others about diversity and social justice as a means to explore the historical and social implications of diversity and privilege, and will design sustainable actions to dismantle injustice in the UD community and beyond. Students in this course will travel with a group of UD faculty and staff to attend a conference on social justice and privilege during spring term.

UDI 382. International Films. 1 Hour
An advanced look at the multitude of significant films that are made around the world. Each film screened will be examined from historical, religious, philosophical, cultural, literary and artistic standpoints with the assistance of panel discussions led by faculty members from the Humanities.

UDI 383. Servant Leadership: Hunger and Homelessness Awareness Week Leaders. 1 Hour
This class will look at Hunger and Homelessness from a global, national, and local lens, while also engaging in advocacy and activism with peers. Students in this course will serve as the Leadership Team for Hunger and Homelessness Awareness Month, helping to plan fundraising events, reflection and service opportunities, and engaging the University of Dayton in dialogue around issues of Hunger and Homelessness. In the spirit of Servant Leadership, this class requires students to work outside of class to plan and attend all events for Hunger and Homelessness Awareness Month in November.

UDI 390. Servant Leadership Seminar for REAL Dayton Leaders. 1 Hour
In this minicourse for REAL Dayton leaders, students will explore the themes of servant leadership, community building, Catholic Social Teaching, the Marianist charism and mission, civic engagement and the assets and challenges of Dayton. REAL Dayton leaders will cultivate and apply servant leadership skills, working as a team to plan, implement and reflect on the REAL Dayton program.

UDI 391. Civic Scholar Experience (Sophomores). 1 Hour
This service learning minicourse fulfills the meeting requirements for the Dayton Civic Scholars program and combines classroom discussion, required reading and community speakers to help students integrate academic learning with service learning. Emphasis is on social justice and urban issues in the city of Dayton. Requirements include 60 hours of volunteer service and conference attendance OR an internship, a structured reflection journal, required readings, class participation and a senior capstone project.

UDI 392. Dayton Civic Scholar (Juniors). 1 Hour
This service learning minicourse fulfills the meeting requirements for the Dayton Civic Scholars program and combines classroom discussion, required reading and community speakers to help students integrate academic learning with service learning. Emphasis is on social justice and urban issues in the city of Dayton. Requirements include 60 hours of volunteer service and conference attendance OR an internship, a structured reflection journal, required readings, class participation and a senior capstone project.

UDI 393. Community Service Internship. 3 Hours
The Community Service Internship course is designed to support the Semester of Service nonprofit community service experience. Students will focus on understanding community building practices (specifically the Fitz Center guiding principles for community building), institutional and policy impacts on communities and increase our ability to be community leaders that engage in social action throughout our lives.

UDI 394. Civic Scholar Experience II. 1 Hour
This mini-course will prepare students to get the greatest possible benefit from their participation in the study abroad offering, 'Investing a Great City: Integrated London ISSAP 2006'.

UDI 395. Civic Scholar Experience IV. 1 Hour
This service-learning minicourse fulfills the meeting requirements for the Dayton Civic Scholars program and combines classroom discussion, required reading and community speakers to help students integrate academic learning with service-learning. The emphasis is on social justice and urban issues in the city of Dayton. Requirements include 60 hours of volunteer service and conference attendance or an internship, structured reflection journal, required readings, class participation and a senior capstone project. Open only to Dayton Civic Scholars.

UDI 399. Civic Scholar Experience VI. 1 Hour
This service-learning minicourse fulfills the meeting requirements for the Dayton Civic Scholars program and combines classroom discussion, required reading and community speakers to help students integrate academic learning with service-learning. The emphasis is on social justice and urban issues in the city of Dayton. Requirements include 60 hours of volunteer service and conference attendance or an internship, structured reflection journal, required readings, class participation and a senior capstone project. Open only to Dayton Civic Scholars.

UDI 403. Peers Advocating for Violence Education (PAVE). 1 Hour
The PAVE mini-course is an intentionally designed sequence in which the Peers Advocating for Violence Education come together to explore power based personal violence through research about violence on college campuses, perpetration patterns, Title IX, neurobiology of trauma, effective educational practices, and mastering presentation skills. Through discussion, reading, reflection assignments, and presentations, students will have the opportunity to explore their own values and perspectives around these topics, and grow in their ability to engage their peers around these challenging discussions. Abbreviated Course Description: This course is designed to support students as they serve as PAVEs (sexual violence prevention peer educators) at UD, by exploring topics such as perpetration patterns, neurobiology of trauma, educational pedagogy, and mastering presentation skills. Application and acceptance into Peers Advocating for Violence Education is required.
UDI 404. Q*mmunity Leaders. 1 Hour
Through this mini course, Q*mmunity Leaders will explore identities and experiences of LGBTQ+ college students through discussion, reading, reflection assignments, and presentations. Participants will learn about and reflect upon their own multidimensional identities and values, and how issues of privilege and oppression make the LGBTQ+ community complex and diverse. Students will develop their own leadership capacity through building skills in public speaking, presentation, facilitation and conversation across difference. Q*mmunity Leaders will grow in their ability to engage their peers around these challenging discussions.

UDI 405. Professional Development and Academic Skills. 1 Hour
This is a transition course for international graduate students to develop their professional and academic skills.

UDI 415. The River Steward Experience II. 1 Hour
This course will be a seminar for the River Stewards, the student group of the Rivers Institute at the University of Dayton. The course will be available ONLY for River Stewards. Like the River Steward Experience Year I, this course will highlight aspects of leadership development and civic engagement through education, experience and action in an interdisciplinary setting. Furthermore, participants in the Year II minicourse will, under the supervision of the instructor, choose many of the topics and facilitate many of the discussions throughout the semester, as well as begin work on their senior service project. The Great Miami River Watershed will serve as the focus for community engagement and meaningful learning.

UDI 416. The River Steward Experience II. 1 Hour
This course will be a seminar for the River Stewards, the student group of the Rivers Institute at the University of Dayton. The course will be available for only River Stewards. Like the River Steward Experience Year I, this course will highlight components of education, action and experience. Further, participants in the Year II mini-course will, under the supervision of the instructor, organize and teach many of the topics covered in the Year 1 course. The Great Miami River will serve as the focus for community engagement and meaningful learning. The course will have primarily junior enrollment. It will require commitments beyond the classroom and readings.

UDI 419. Forum for Young Catechetical Learners. 1 Hour
Addresses the key themes of The National Directory for Catechesis regarding “The Tasks of Catechesis and Faith Formation”. Themes include: a) Introduction to the Catechetical Ministry of the church; b) The Vocation of the Catechist; c) Faith Formation; and, d) Fundamentals for Designing Catechetical Plans.

UDI 421. UD Post-Undergraduate Mini Course. 1 Hour
This mini-course is designed for graduating seniors who are considering participating in service after graduation. Students will explore opportunities to live out their vocation as well as come to a better understanding of spirituality, community living and discerning God’s call.

UDI 471. Act III: Creative Design (Research and Design). 1 Hour
Part one of the two part experiential learning capstone will focus on creative mission collaboration between the certificate cohort, identifying local and/or regional community partners, creative mission labs, research infusion, and proof of humanity-centered design experience in relation to both discipline of study and community implementation. This course is “permission only”. Students must be a declared certificate student of the Undergraduate Certificate for Applied Creativity for Transformation with successful completion of ACT I: UDI 371, ACT II: UDI 372. Prerequisites: UDI 371, UDI 372.

UDI 472. Act IV: Creative Application (Innovate and Implement). 1 Hour
Through the development of Ikigai+ purpose-based innovations, students will execute humanity-centered designs to cultivate marketable ideas and/or experience to creative shift perspectives within or through their degrees of study. This course is “permission only.” Students must be a declared certificate student of the Undergraduate Certificate for Applied Creativity for Transformation. Prerequisite(s): UDI 371, UDI 372, UDI 471.

UDI 499. Best Practices in College Teaching. 1 Hour
This introductory mini course is designed to study the principal components of effective teaching that facilitate the learning of all students. The course will include but not be limited to learning objectives, course development, teaching pedagogies, classroom management and assessment.

Interdisciplinary-Bus Courses