

SHORELIGHT

Course Catalog for University Faculty/Staff



Table of Contents

Introduction	3	Career Essentials	14
Course Descriptions	4	Global Citizenship	18
Campus Life Essentials	4	Campus Acculturation Courses	22
Academic Essentials	5	English Language Courses	25
Academic Writing	7	Math & Computer Science Courses	32
Academic Skills	10		

Introduction

Shorelight

Founded in 2013, Shorelight works with universities across the U.S. and abroad to create innovative programs that deliver comprehensive educational services to international students. Our platform connects international students, universities, and service providers to drive student enrollment and performance at scale. We support students throughout their entire educational journey to help them succeed and become exceptional leaders in a globally connected world.

Our Curriculum

Shorelight curriculum is designed by experts with many years of experience working in international education with non-native speakers of English and speakers of other English dialects. The content and delivery of the courses is tailored to engage international students, teach skills that will help them succeed in university-level study, address typical issues they experience in higher education, and provide intercultural insights to help them navigate a new educational and cultural environment.

The courses featured in this catalog range in learning models from one-hour webinars and self-paced modules hosted online on Shorelight's Center for Academic Success, to workshops and semester-length courses taught in-person at Shorelight partner universities. Many of our materials can be offered in different modalities (i.e., synchronous or asynchronous online, face-to-face, or some combination) based on need.

This catalog provides a comprehensive view of the resources that Shorelight provides to support student success throughout the student lifecycle: from enrollment to academic study to career development. Course offerings also strengthen students' competencies in areas ranging from academic integrity to writing skills to intercultural competence. The modalities and competencies addressed by each course are included in the course listings.

Programs

The courses in the catalog are categorized in ten program areas:

1. Academic Essentials
2. Academic Skills
3. Academic Writing
4. Campus Acculturation Courses
5. Campus Life Essentials
6. Career Essentials
7. English Language Courses
8. Enrollment Essentials
9. Global Citizenship
10. Math & Computer Science Support Courses

Course Descriptions

Campus Life Essentials

Campus and Student Resources

Duration 1 hr

This workshop, which is tailored to a specific university, introduces international students to academic resources on campus to help them to make the most of their university experience. Students learn about the university library, student center, academic tutoring, and various advising and counseling centers, as well as recreation facilities. Depending on university resources, students may also explore resource centers and health and wellness services and learn where to find information about transportation and student organizations. Students are encouraged to engage in the campus community and reach out for assistance as needed.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Academic Course,
Workshop

Competency

Acculturation

Living in [CITY NAME]

Duration 1 hr

This workshop, which is tailored to a specific university, highlights the practicalities and perks of life in the city where the university is located. Students are introduced to the city and its surroundings and all they have to offer, including historical and cultural sites and festivals.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Acculturation

Managing Mental Health

Duration 1 hr

This workshop focuses on how to cope with academic stress management, covering useful and practical strategies for managing culture shock, handling conflicting demands on time, scheduling leisure activities, and successfully managing research and project timelines. Students also learn when, where and how to get help if they or a friend needs it. The workshop typically integrates information about the specific university's resources.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Acculturation,
Mental Health

Social Emotional Learning

Duration 1 hr

Effectively managing their responses to a new environment can be especially challenging for international students. This workshop provides techniques for building self-awareness and social awareness that will help students develop a clearer perception of themselves, gain confidence, manage their impulses, and create positive relationships. Students also explore how to develop empathy and make responsible decisions.

Modality

Face to Face on Campus,
Synchronous Online

Learning Model

Workshop

Competency

Acculturation,
Mental Health,
Planning Skills,
Leadership

Academic Essentials

Academic Integrity at U.S. Universities

Duration 1 hr

In this workshop, students learn what academic integrity means and why U.S. universities require high standards of independent work from students. They explore the concepts of intellectual property and plagiarism and cultural beliefs about the ownership of ideas. Through practical scenarios and discussion, students learn about U.S. higher education expectations for academic integrity in research and writing, presentations, and group work.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online,
Asynchronous Online

Learning Model

Workshop

Competency

Academic Integrity,
Critical Thinking

Communicating with Professors

Duration 1 hr

International students come with varying expectations based on their prior educational training about how to interact effectively with their professors. This workshop teaches students the appropriate level of formality expected in student-professor interactions in the U.S., discussing classroom interactions, office hours, and email etiquette. Students analyze and practice writing emails that conform to university expectations.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online,
Webinar (recorded)

Learning Model

Webinar,
Workshop

Competency

Acculturation,
Critical Thinking,
Intercultural Competence,
Verbal Communication Skills,
Writing Skills

Roadmap to Degree Completion

Duration 1 hr

This workshop, which is tailored to a specific university, uses discipline-specific guidance for staying on track for graduation, including reviewing the number of credits to complete, how to take required modules in a timely fashion, and required exams and research assignments. Students prepare for their major requirements and look at adding other academic opportunities to help improve academic life and support career goals. They create an academic plan to act as a navigation map for successful graduation in their chosen major.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Planning Skills

Success Strategies

Duration 8 weeks, but 6 lessons (suggest 1 lesson/week; last lesson 3 weeks)

This course is designed to help high school students build the skills they need to thrive academically during their university studies. The course combines self-paced eLearning workshops and webinars. Through online interactive learning activities, students will learn how to communicate with professors and other students in a university environment, exploring the level of formality expected in classroom versus social settings. They will also review group work and presentation skills that will prepare them for academic projects and assignments. Workshops on resume development and time management will help them think about how they want to approach university studies and how they can succeed in a challenging academic environment.

Modality

Asynchronous Online

Learning Model

Academic Course

Competency

Acculturation,
Career Development,
Intercultural Competence,
Planning Skills,
Presentation Skills,
Study Skills,
Verbal Communication Skills

U.S. Classroom Expectations

Duration 1 hr

Classroom culture and expectations in U.S. universities can be mystifying to international students, making them uncertain about how to best participate or frustrated by negative assessments of their competence. This workshop orients students to typical unspoken rules for participation in U.S. educational settings and provides space for discussion and analysis of how these differ from students' educational training and how they can adapt for academic success. Students also learn strategies for communicating with peers in class.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Acculturation,
Intercultural Competence

Academic Writing

Annotating and Paraphrasing for Summary Writing

Duration 1 hr

Summary writing is an essential element of academic writing and can be particularly challenging for international students. This workshop provides methods for annotating texts and paraphrasing information to communicate the gist in well-formed summaries.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Writing Skills,
Critical Thinking

Citing Sources for Papers and Projects

Duration 1 hr

This workshop focuses on avoiding plagiarism by citing sources correctly. Students learn the key aspects of formatting citations and documents in APA style and why citation is critical for academic work in the university community.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Critical Thinking,
Writing Skills

College Writing I: The Writing Process

Duration 1 hr

This workshop prepares students to develop high-quality academic papers by introducing them to the writing process. Students learn techniques for generating and organizing ideas and getting past writing blocks. They also learn how to approach revising and editing their writing, as well as acceptable types of writing support.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Writing Skills

College Writing II: Paragraph and Essay Structure

Duration 1 hr

In this workshop, students review the fundamentals of paragraph structure and how to combine paragraphs into a full-length academic essay. Students review how the topic sentence shapes a paragraph and how supporting sentences and concluding sentences link to the topic sentence. Then, they practice identifying the subject and controlling idea in thesis statements, and how topic sentences relate to thesis statements to build a cohesive argument in an academic essay.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Writing Skills

College Writing III: Developing Thesis Statements

Duration 1 hr

In this workshop, students learn how to craft effective thesis statements to create a structure for an academic essay. They learn how to integrate a main topic with a controlling idea, and how to link other ideas in an essay to support their thesis. Through analysis and discussion, students learn to recognize weak thesis statements and how to improve them.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Writing Skills

Graduate Writing I: Organizational Structures

Duration 1 hr

In this workshop, students analyze fundamental organizational structures used in graduate writing to prepare them to more readily present their ideas in academic papers. Students explore general-to-specific and specific-to-general organization as well as problem-solution organization and discuss how each format allows the writer to present information and argument in particular ways.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Writing Skills

Graduate Writing II: Data Commentaries

Duration 1 hr

In this workshop, students are introduced to ways to discuss data persuasively in academic papers. They explore how to determine what claim they can reasonably make based on data and how to use data to support points or make recommendations. Students practice crafting and critiquing simple data commentaries and discuss hedging strategies for moderating claims about the data.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Writing Skills,
Critical Thinking

Graduate Writing III: Building a Field-Specific Lexicon

Duration 1 hr

In this workshop, students learn strategies for choosing and crafting lexico-grammatical structures for academic writing within their field of study. Students learn how to analyze academic articles from their field and use concordancers to identify the correct usage of words and patterns of language within the field.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Writing Skills,
Critical Thinking

Introduction to Academic Writing

Duration 8 weeks, suggested pace 1 lesson/week

This course is designed to develop students' academic writing skills in preparation for first-year university courses. The course combines recorded lessons with writing assignments and self-paced eLearning workshops and webinars. In this intermediate to high-intermediate (CEFR B1+ to B2+) course, students will develop their ability to incorporate ideas that they have either read about or experienced into academic essays. Students will increase their competence in academic summary-response writing, as well as taking timed essay exams. They will practice reading and critical thinking skills as they evaluate the ideas presented in authentic texts. Using notes on readings and their own experience, students will synthesize ideas and present them in academic writing with appropriate citation in APA style.

Modality

Asynchronous Online

Learning Model

Academic Course,
Video,
Webinar,
Workshop

Competency

Academic Integrity,
Critical Thinking,
Intercultural Competence,
Planning Skills,
Study Skills,
Writing Skills

Notetaking and Annotation in Graduate Studies

Duration 1 hour

In this workshop, students develop an awareness of strategies to overcome the challenges faced when taking notes in a graduate-level university classroom. They evaluate various notetaking methods and strategies for writing quickly, and examine strategies to annotate texts to facilitate deeper understanding and more sustained retention of material.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Academic Course,
Workshop

Competency

Academic Integrity,
Critical Thinking,
Planning Skills,
Study Skills,
Writing Skills

Paraphrasing and Summarizing for Graduate Writing

Duration 1 hour

In this workshop, students will discover techniques for paraphrasing sources. They will discuss how summary writing appears in graduate school, and develop an understanding of typical structures of summary writing in graduate school.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Academic Course,
Workshop

Competency

Academic Integrity,
Critical Thinking,
Writing Skills

Academic Skills

Developing Listening Competence

Duration 1 hr

International students are often faced with much more intensive listening requirements than they have previously experienced. In order to develop the listening strategies they need, students must learn to think metacognitively about their approach to listening. In this workshop, students learn about top-down and bottom-up processing and how to isolate and resolve specific listening problems they encounter.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Study Skills,
Critical Thinking

Developing Listening and Notetaking Skills

Duration 1 hr

This workshop combines instruction on listening strategies with an introduction to various notetaking formats. Students learn how listening input is processed in the brain and how they can identify specific listening problems to focus on. They also learn how to choose the best type of notetaking format to capture key information from lectures, helping them improve their comprehension and retention, as well as enabling them to create useful notes to review for exams.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Graduate Student Success and Academic Skills

Duration 1 hr/week, 1 term

This course, which is a compilation of workshops, is designed to help international graduate students take advantage of available on-campus resources, adjust to new expectations, gain awareness of cultural assumptions, and develop practical techniques for resolving both personal and academic issues. Students explore U.S. expectations for classroom behavior, academic integrity and communication with professors and classmates. They also practice graduate writing, presentation, and listening and notetaking skills. The workshops ensure that students understand what is expected of them and how to build the skills they need to thrive academically during their graduate experience.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Academic Integrity,
Acculturation,
Study Skills,
Mental Health,
Presentation Skills,
Planning Skills,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

Notes

cross-listed with Campus Acculturation Courses

Improving Notetaking Skills

Duration 1 hr

In this workshop, students learn how to identify what to take notes about in a reading or lecture and how to take notes quickly in English. Students also learn and practice various notetaking methods that they can use based on the type of material being presented. By improving their notetaking skills, students will produce notes that will allow them to review for deeper learning and better performance on exams.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Study Skills,
Writing Skills,
Critical Thinking

Learning Strategies and Speed Reading

Duration 1 hr

University students are required to read significant amounts of complex material in a condensed period of time. This workshop introduces students to the principles of deep and lasting learning based on how the human brain processes information. Students explore and discuss speed reading and learning strategies they can use to more efficiently and effectively retain information from texts, lectures, and discussions.

Modality

Asynchronous Online,
Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Critical Thinking,
Planning Skills,
Study Skills

Managing Group Discussions and Projects

Duration 1 hr

In this workshop, students learn planning skills for group projects and how to manage challenges with different personalities during group work. Students learn how to use active listening and clarification strategies to help them develop the communication required for group work. They also practice using specific conversation moves to manage small group discussions to encourage each member to contribute more fully.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Study Skills,
Leadership

Presentation Skills and Strategies

Duration 1 hr

This workshop helps students to gain confidence in explaining findings and presenting solutions to problems in persuasive spoken language. They also learn about effective design and use of visual aids, organization, clear delivery, and audience engagement. Students learn that frequent practice of presentations will enable them to develop the capacity to express their ideas with confidence during and beyond university.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Presentation Skills,
Critical Thinking

Research Methods for Graduate Studies

Duration 1 hour

In this workshop, students will discover strategies for unpacking the research paper assignments they will receive in graduate school. They will review ways to create visual maps for research success and explore different ways to search for reputable sources. Finally, they will practice utilizing these skills for the research process.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Academic Course,
Workshop

Competency

Academic Integrity,
Critical Thinking,
Intercultural Competence,
Planning Skills,
Study Skills,
Writing Skills

Student Success and Academic Skills

Duration 1 hr/week, 1 term

This course, which is a compilation of workshops, is designed to help international undergraduate students gain the skills they need to succeed academically and personally at a U.S. university. Students learn about culture shock and how to manage their time and mental health, as well as how to make American friends to gain a sense of belonging. Students explore U.S. expectations for classroom behavior, academic integrity and communication with professors and classmates. They also practice essential academic skills, learning how to study effectively, read and remember, cite sources, participate in discussions and group projects, develop their listening competence, and improve their notetaking skills. The workshops provide students with resources for navigating a new university environment and a foundation for academic success.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Academic Integrity,
Acculturation,
Study Skills,
Mental Health,
Planning Skills,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

Notes

cross-listed with Campus Acculturation Courses

Success Strategies

Duration 8 weeks, but 6 lessons (suggest 1 lesson/ week; last lesson 3 weeks)

This course is designed to help high school students build the skills they need to thrive academically during their university studies. The course combines self-paced eLearning workshops and webinars. Through online interactive learning activities, students will learn how to communicate with professors and other students in a university environment, exploring the level of formality expected in classroom versus social settings. They will also review group work and presentation skills that will prepare them for academic projects and assignments. Workshops on resume development and time management will help them think about how they want to approach university studies and how they can succeed in a challenging academic environment.

Modality

Asynchronous Online

Learning Model

Academic Course

Competency

Acculturation,
Career Development,
Intercultural Competence,
Planning Skills,
Presentation Skills,
Study Skills,
Verbal Communication Skills

Career Essentials

Career Accelerator

Duration 6 hrs

In this course, which includes two series of three workshops each, students learn more about their own career interests and how those interests can lead to fulfilling careers. During the first workshop series, students complete a self-assessment, learn how college majors link to careers, and explore the differences between careers and jobs. During the second workshop series, students discuss how to build a personal brand and soft skills that can help set them apart as they pursue work opportunities.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Acculturation,
Planning Skills,
Career Development

Career Assessment and Planning

Duration 1 hr

In this workshop, students complete an interest profiler to help them discover work-related interests and consider how these interests relate to their career goals. They also explore work values and consider what is important to them. This workshop can help students not only to confirm future goals but also to provide valuable insights they can use to create their personal brand.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Planning Skills,
Career Development

Career Development and Global Citizenship

Duration 1 hr/week, 10-14 weeks

This course is designed to help graduate students gain the leadership and professional skills they need for their career after they complete their studies. Students explore global citizenship as a lens through which to examine various aspects of the complex, globalized world of the 21st century. They explore the unique challenges of our time and the forces that shape them and consider how they can take action to improve conditions locally and/or globally. Students learn how cultural and social identity, bias, discrimination, and inequality shape perspectives, including their own, and explore cultural diversity and the challenges of intercultural communication both outside and within the workplace. Students also gain awareness of the work culture in the United States and learn how to present themselves professionally in interviews. They develop job search tools, such as a LinkedIn profile, resume and cover letter, and practice tailoring these to job postings.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Acculturation,
Leadership,
Planning Skills,
Verbal Communication Skills,
Career Development,
Intercultural Competence,
Critical Thinking

Notes

cross-listed with Global Citizenship

Crafting a Cover Letter

Duration 1 hr

This workshop introduces students to the characteristics of an effective cover letter. Students learn how to directly and concisely communicate their interest in a position and how their qualifications match the job. Students practice writing cover letters based on a LinkedIn job posting.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Academic Course,
Workshop

Competency

Career Development,
Intercultural Competence,
Writing Skills

Design Thinking

Duration 2 hrs

In this workshop, students learn the design-thinking approach to problem-solving while developing professional skills in teamwork, collaboration and creativity. Students define a people-centered problem based on research or observations, “ideate” to uncover innovative solutions, create a prototype of a solution, and develop a plan for gathering feedback to test the solution.

Modality

Face to Face on Campus,
Synchronous Online

Learning Model

Workshop

Competency

Leadership,
Career Development

Developing a Professional Online Presence

Duration 1 hr

This workshop introduces students to how to effectively create a professional presence online using LinkedIn. Students learn how to use their LinkedIn profile to promote their unique experience and talents. They also discover how to expand their professional network beyond their personal connections to others who might help them in their future career. Students are also introduced to other types of online profiles they could build.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Career Development

Interviewing Essentials

Duration 1 hr

This workshop provides an overview of what to expect during a job interview, along with tips for what to do before, during, and after the job interview. Students practice answering competence-based interview questions using the STAR method and draft and practice an elevator pitch.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Presentation Skills,
Career Development,
Intercultural Competence

Leveraging Your Professional Online Presence

Duration 1 hr

In this workshop, students consider how to develop a personal brand that they can use to shape their LinkedIn profile. They also review and improve the summary in their profile, incorporating keywords that will help get them noticed by applicant tracking systems. Students explore tips for using LinkedIn for networking to uncover new professional opportunities.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Planning Skills,
Career Development

Power Skills

Duration 1 hr

This workshop explains the value of power skill, or soft skill, development as it relates to students' future careers. Emphasis is placed on finding and taking advantage of opportunities to build power skills prior to graduation. Students also brainstorm ways to use power skills to improve team dynamics.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Career Development,
Intercultural Competence

Professional Development and Academic Skills

Duration 1 hr/week, 1 term

In this course, international graduate students develop knowledge about U.S. university requirements, opportunities, policies, and support and gain skills for succeeding academically in their field of study. Students also participate in a series of skill-building workshops designed to help them gain awareness of the work culture in the United States, advance professionally, make smart career decisions, and find future career opportunities. Participation in the course ensures that students are ready to build a professional presence and strive in the job market, preparing them to effectively pursue their career goals.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Acculturation,
Leadership,
Planning Skills,
Career Development

Notes

cross-listed with Campus Acculturation Courses

Professionalism

Duration 1 hr

This workshop allows students to explore what professionalism means in a U.S. workplace context and compare it to that of their home country. Students discover how their attitude towards work, communication, tolerance and respect, time management, and appearance can enable them to positively influence others' perception of them. They also discuss tone and formality in business writing to learn how to communicate effectively with coworkers.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Career Development

Resume Workshop

Duration 1 hr

This workshop provides an overview of U.S.-formatted resumes, including an editable resume template students can use to create/edit their own. Students practice incorporating strong adjectives to draft a persuasive objective, use action verbs to describe experiences in a dynamic way, and identify activities and skills to add a personal flair.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Career Development,
Writing Skills

Success Strategies

Duration 8 weeks, but 6 lessons (suggest 1 lesson/week; last lesson 3 weeks)

This course is designed to help high school students build the skills they need to thrive academically during their university studies. The course combines self-paced eLearning workshops and webinars. Through online interactive learning activities, students will learn how to communicate with professors and other students in a university environment, exploring the level of formality expected in classroom versus social settings. They will also review group work and presentation skills that will prepare them for academic projects and assignments. Workshops on resume development and time management will help them think about how they want to approach university studies and how they can succeed in a challenging academic environment.

Modality

Asynchronous Online

Learning Model

Academic Course

Competency

Acculturation,
Career Development,
Intercultural Competence,
Planning Skills,
Presentation Skills,
Study Skills,
Verbal Communication Skills

Tailoring a Resume

Duration 1 hr

In this workshop, students explore the benefits of a tailored resume and practice tailoring their resume for a specific job posting. Students discuss how considering a hiring manager's perspective can help them craft a persuasive resume and learn how to use keywords, descriptive adjectives, and active verbs to demonstrate how their experience aligns with the job position.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Career Development,
Intercultural Competence,
Critical Thinking,
Writing Skills

Global Citizenship

Career Development and Global Citizenship

Duration 1 hr/week, 10-14 weeks

This course is designed to help graduate students gain the leadership and professional skills they need for their career after they complete their studies. Students explore global citizenship as a lens through which to examine various aspects of the complex, globalized world of the 21st century. They explore the unique challenges of our time and the forces that shape them and consider how they can take action to improve conditions locally and/or globally. Students learn how cultural and social identity, bias, discrimination, and inequality shape perspectives, including their own, and explore cultural diversity and the challenges of intercultural communication both outside and within the workplace. Students also gain awareness of the work culture in the United States and learn how to present themselves professionally in interviews. They develop job search tools, such as a LinkedIn profile, resume and cover letter, and practice tailoring these to job postings. Students who complete the course receive a Global Citizenship Certificate endorsed by the U.N. Charter institution, University for Peace. Individual lessons from the Global Citizenship Course can also be taught as stand-alone 1-hour workshops.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Acculturation,
Leadership,
Planning Skills,
Verbal Communication Skills,
Career Development,
Intercultural Competence,
Critical Thinking

Notes

cross-listed with Career Essentials

Exploring Bias, Prejudice and Racism

Duration 1 hr

In this workshop, students explore the kinds of prejudice, bias, discrimination and inequality associated with race, ethnicity, and cultural difference. Through analysis and discussion of videos, they reflect on how bias and prejudice inform our interactions and impact society and opportunity.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Intercultural Competence,
Critical Thinking

Gender and Sexuality

Duration 1 hr

In this workshop, students explore how gender affects our worldview and how sexism and homophobia impact social status and interpersonal relationships. They discuss how gender identity is associated with inequality in many societies and the forms such inequality takes (e.g. social status, life-chances, harassment, etc.), and consider how to work to overcome gender discrimination.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Intercultural Competence,
Critical Thinking

Global Citizenship Course

Duration 1 hr/week, 8-12 weeks

In this semester-long course, students will explore topics related to globalization, global issues, and global competency as they develop their understanding of individuals from diverse socio-economic, cultural, and linguistic backgrounds. As they consider their own perspectives and biases as global citizens, they will improve their ability to communicate across cultures and build the intercultural relationships necessary to support global problem solving. Students will explore topics such as intercultural communication, multiculturalism, gender inequality, human rights, and sustainability as they learn more about the world and how local, regional, and national issues connect to overarching global conversations. By investigating and engaging with global topics, students will develop global knowledge and acumen regarding world issues and a deep understanding of social justice. Students who complete the course receive a Global Citizenship Certificate endorsed by the U.N. Charter institution, University for Peace.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Academic Course

Competency

Intercultural Competence

Global Citizenship Workshop

Duration 2-4 hours

In this introductory workshop, students explore topics relating to global competency, and consider their own perspectives and biases in order to begin to develop new perspectives as global citizens. Students participate in interactive exercises and scenarios that encourage them to find commonalities amid difference, consider how tolerance promotes peace, and practice assertive communicative skills that they can use to improve relationships among individuals from diverse socio-economic, cultural, and linguistic backgrounds. As students practice critical analysis, they engage in socio-emotional learning with the goal of developing an open, reflective attitude toward exploring global issues and willingness to take action to promote change. Students who complete the course receive a Global Citizenship Certificate endorsed by the U.N. Charter institution, University for Peace.

Modality

Face to Face on Campus,
Synchronous Online

Learning Model

Workshop

Globalization

Duration 1 hr

In this workshop, students explore what globalization is and key causes and aspects of globalization, including economic, political and cultural dynamics. They also discuss the ways in which globalization affects people across the world in unequal ways and how this reality relates to global citizenship. Students learn about recent shifts away from globalization toward regionalization and the reasons for this.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Intercultural Competence,
Critical Thinking

Human Rights

Duration 1 hr

This workshop enables students to describe the moral foundations of human rights and their universal and inalienable character. Students learn what most countries agree to be universal human rights and analyze the impact of national and global dynamics on human rights.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Intercultural Competence,
Critical Thinking

Intercultural Communication

Duration 1 hr

In this workshop, students examine high and low-context cultures and how communication expectations in each can result in misunderstandings. They will also discuss how workplace performance feedback is communicated in different cultures. By understanding the assumptions people make about what is good, effective communication, students consider what is needed to understand others and problem-solve across cultures.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Verbal Communication Skills,
Intercultural Competence,
Critical Thinking

Introduction to Global Citizenship

Duration 1 hr

This workshop introduces the Global Citizenship Course, in which students consider their own perspectives and biases in order to begin to develop new perspectives as global citizens. Students explore what global citizenship means and are introduced to the kinds of attitudes, knowledge and skills an engaged global citizen needs to meet global challenges. They also consider quotes from changemakers and how they relate to global citizenship. Students discover how developing intercultural competence can help them succeed academically, socially, and professionally.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Intercultural Competence,
Critical Thinking

Sustainability and Sustainable Development

Duration 1 hr

Students learn about contemporary environmental issues (e.g. climate change, pollution, waste, endangered species) and the type of threats they pose. The workshop explains the principles of sustainability and the ways in which sustainable practices represent an attempt to balance environmental impacts with both economic imperatives and social aims.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Intercultural Competence,
Critical Thinking

Tolerance and Acceptance

Duration 1 hr

In this workshop, students explore how tolerance and acceptance affect intercultural interactions. They identify the difference between tolerance and acceptance and use their definitions in a group activity. By participating in an experiential exercise, students learn about their own and others' perspectives and how assessment of ambiguous situations can affect people's opinions and behavior.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Workshop

Competency

Intercultural Competence,
Critical Thinking

Campus Acculturation Courses

Campus and Student Resources

Duration 1 hr

This workshop, which is tailored to a specific university, introduces international students to academic resources on campus to help them to make the most of their university experience. Students learn about the university library, student center, academic tutoring, and various advising and counseling centers, as well as recreation facilities. Depending on university resources, students may also explore resource centers and health and wellness services and learn where to find information about transportation and student organizations. Students are encouraged to engage in the campus community and reach out for assistance as needed.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Academic Course,
Workshop

Competency

Acculturation

Graduate Student Success and Academic Skills

Duration 1 hr/week, 1 term

This course, which is a compilation of workshops, is designed to help international graduate students take advantage of available on-campus resources, adjust to new expectations, gain awareness of cultural assumptions, and develop practical techniques for resolving both personal and academic issues. Students explore U.S. expectations for classroom behavior, academic integrity, and communication with professors and classmates. They also practice graduate writing, presentation, and listening and notetaking skills. The workshops ensure that students understand what is expected of them and how to build the skills they need to thrive academically during their graduate experience.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Academic Integrity,
Acculturation,
Study Skills,
Mental Health,
Presentation Skills,
Planning Skills,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

Notes

cross-listed with Academic Skills

Live Learn Grow

Duration 1 hr/week, 2 terms

This course is designed to support the academic skills, personal growth, intercultural awareness, and professional development of first-year undergraduate international students, helping them to achieve academic success and envision how their studies relate to future careers. Students develop study skills and practice self-regulated learning principles, such as self-motivation and stress management, to become active and responsible learners. Through the course, students become oriented to university policies and resources and learn about co-curricular programs. As they complete targeted assignments, students acquire essential information for everyday survival in a U.S. university and build a foundation for future professional success. The new skills and experiences they gain from the course will support their continued success throughout and beyond their time at university.

Modality

Face to Face on Campus

Learning Model

Academic Course

Competency

Acculturation,
Planning Skills,
Career Development,
Critical Thinking

Professional Development and Academic Skills

Duration 1 hr/week, 1 term

In this course, international graduate students develop knowledge about U.S. university requirements, opportunities, policies, and support and gain skills for succeeding academically in their field of study. Students also participate in a series of skill-building workshops designed to help them gain awareness of the work culture in the United States, advance professionally, make smart career decisions, and find future career opportunities. Participation in the course ensures that students are ready to build a professional presence and strive in the job market, preparing them to effectively pursue their career goals.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Acculturation,
Leadership,
Planning Skills,
Career Development

Notes

cross-listed with Career Essentials

Student Success and Academic Skills

Duration 1 hr/week, 1 term

This course, which is a compilation of workshops, is designed to help international undergraduate students gain the skills they need to succeed academically and personally at a U.S. university. Students learn about culture shock and how to manage their time and mental health, as well as how to make American friends to gain a sense of belonging. Students explore U.S. expectations for classroom behavior, academic integrity, and communication with professors and classmates. They also practice essential academic skills, learning how to study effectively, read and remember, cite sources, participate in discussions and group projects, develop their listening competence, and improve their notetaking skills. The workshops provide students with resources for navigating a new university environment and a foundation for academic success.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Academic Integrity,
Acculturation,
Study Skills,
Mental Health,
Presentation Skills,
Planning Skills,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

Notes

cross-listed with Academic Skills

[University] in the World

Duration 3 hr/week, 1 term

This course, which is tailored to a specific university, is designed to introduce undergraduate international students to the social, cultural and natural environment in which the university is based. Students investigate the background, people and culture of the university, its surrounding communities and natural environment, and the city and state where it is located. As they do so, students explore how the university relates to their home countries and the wider global community. Students also deepen their understanding of and connection to the university and develop common ground with domestic students, encouraging more effective integration into university life. This course that may be affiliated with any of several academic departments, such as sociology, environmental studies, or global studies. Content delivery may include conventional reading, lecture, and discussion, as well as digital and field experiences.

Modality

Face to Face on Campus

Learning Model

Academic Course

Competency

Critical Thinking

Notes

tailored to a university

English Language Courses

Academic English 1

Duration 20 hrs/week, 10-14 weeks

This course helps beginner-level students improve listening, speaking, reading, and writing skills. Students increase their vocabulary so that they can understand and communicate better. They read short texts and practice taking notes in different ways. They write clear sentences and begin to create simple paragraphs. Students ask and answer questions and give opinions in conversation practice. The course combines in-class practice from classroom texts with online self-study.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Academic Integrity,
Pronunciation,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

Academic English 2

Duration 20 hrs/week, 10-14 weeks

This course is designed to improve low-intermediate students' listening and reading comprehension and speaking and writing skills. Students read and listen actively while taking notes. They also learn to find the main idea and details in readings and to organize ideas when writing paragraphs. During class, they learn and practice conversation skills and create simple presentations. They move beyond simple expressions to use language with more creativity. The course combines in-class practice from classroom texts with online self-study.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Academic Integrity,
Pronunciation,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

Advanced Graduate Writing and Communication

Duration 2.5-3 hrs/week, 10-14 weeks

The demands of graduate programs vary widely based on the professions for which they prepare students; this course helps students familiarize themselves with the conventions of their specific field and learn to produce academic work that positions them as contributing members of that field. The course also prepares students to explain findings verbally and present solutions to problems in persuasive language. In addition, the course integrates frequent discussions and presentations to enable students to develop the capacity to engage in the academic and professional communication required for often extensive group work and group projects in graduate programs.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Academic Integrity,
Presentation Skills,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

Conversation Skills and Techniques I

Duration 3 hrs/week, 16 weeks

This course enables beginner-level students to engage in conversation with confidence. Students begin learning to use rejoinders, questions, and comments to show interest and understanding as they practice starting, extending, and ending casual conversations in controlled exchanges. They then learn and apply strategic communication skills, such as echoing information to check for understanding, asking clarification questions that target specific information, and responding with details to keep a conversation going. Finally, students apply their skills more spontaneously by engaging in simple, structured discussions on high-interest topics. By learning set expressions through targeted practice and applying them in less and less controlled formats, students develop skills to sustain conversations and more flexibly and naturally respond to conversational shifts.

Modality

Face to Face on Campus

Learning Model

Academic Course

Competency

Pronunciation,
Verbal Communication Skills

Conversation Skills and Techniques 2

Duration 3 hrs/week, 16 weeks

This course enables intermediate students to learn conversational speaking and facilitation skills that support effective academic interactions, whether as part of classroom discussions or when completing academic tasks with peers. Students practice specific phrases and questions to ask for and give elaboration and clarification; support ideas with examples; maintain focus in conversations and build on ideas; and paraphrase and synthesize new ideas as they are developed. After analyzing radio interviews and short articles, students offer and support viewpoints while applying various conversation skills. Through numerous activities that require students to formulate and reformulate their ideas, students learn to move from simple sharing of information to the development and evaluation of ideas and arguments.

Modality

Face to Face on Campus

Learning Model

Academic Course

Competency

Pronunciation,
Verbal Communication Skills

English Through Art

Duration 3 hrs/week, 16 weeks

In this course, high-intermediate students expand the range and depth of their English proficiency by learning to describe and evaluate the elements of artistic works, including media, line, shape/form, space, color, value and texture, and the principles of art, such as rhythm, balance and proportion. By examining a variety of artworks, students learn to identify and describe how artists apply these elements and principles to express meaning and feeling. Students develop and expand their aesthetics vocabulary and practice interpreting the meaning of the works and explaining their own reactions to them. Through examination and interpretation of artworks, interactive discussions focused on art criticism, and written analyses, students are challenged to apply critical thinking to develop and express judgments based on evidence – skills they can apply in a wide range of academic settings.

Modality

Face to Face on Campus

Learning Model

Academic Course

Competency

Verbal Communication Skills,
Intercultural Competence,
Critical Thinking,
Writing Skills

English for Academic Purposes 1

Duration 10 hrs/week, 10-14 weeks

This course develops students' ability to read and listen critically and efficiently and to incorporate ideas they have learned about into academic discussions and short essays. Students practice the four main language skills—listening, reading, writing and speaking—as well as increasing their active academic vocabulary. They develop critical thinking skills, note-taking strategies, and the ability to produce presentations and writing appropriate for a university classroom. The course combines student-centered, communicative activities with online reading practice and self-study that reviews and expands on the classroom material. Topics covered in the course come from a range of disciplines, including business, psychology, education, and anthropology.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Academic Integrity,
Pronunciation,
Presentation Skills,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

English for Academic Purposes 2

Duration 5 hrs/week, 10-14 weeks

This course is designed to help students improve their university level writing, as well as critical reading and classroom discussion skills. Students practice relating their ideas to those of others in discussions and using cohesive devices to link ideas in systematic written arguments. Students also practice basic research skills, become familiar with a range of typical academic writing tasks, improve their listening comprehension and notetaking skills, and increase their active academic vocabulary. The course combines student-centered, communicative activities with online reading practice and online self-study that reviews and expands on the classroom material. This course is intended to support students as they transition from English language-centered study to content-based instruction.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Academic Integrity,
Pronunciation,
Presentation Skills,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

English for Business 1

Duration 3 hrs/week, 16 weeks

This course exposes low-intermediate students to essential business-related vocabulary and concepts from a variety of topics, such as careers, companies, marketing, and business planning. In addition to improving their general English proficiency through exercises in reading, writing, listening and speaking, students develop specific business-related communication skills, including exchanging information, giving and asking for opinions, participating in simple meetings, and writing email and letters summarizing decisions made. Students are challenged to apply their learning in authentic speaking tasks, such as role plays and case study analysis and discussion. Finally, students extend and reinforce their learning by completing a multi-part Capstone project: proposing, researching, and presenting a new product.

Modality

Face to Face on Campus

Learning Model

Academic Course

Competency

Leadership,
Verbal Communication Skills,
Intercultural Competence,
Critical Thinking,
Writing Skills

English for Business 2

Duration 3 hrs/week, 16 weeks

This course exposes intermediate students to essential business-related vocabulary and concepts related to topics such as brands, business travel, finance, management, human resources, international markets, ethics and leadership. Students practice specific business-related communication skills, including managing meetings, networking, negotiating, presenting, and writing email, meeting minutes, reports and summaries. Students also learn phrases and strategies for managing business small talk and networking, including scenarios that demand cross-cultural communication. Students are challenged to apply their learning in authentic speaking tasks, such as role plays and case study analysis and discussion. In addition, students extend and reinforce their learning through independent research designed to support business-related performance tasks: presenting a trade show poster promoting a hotel for business travelers, delivering an employee investment training seminar mini-presentation, and negotiating the best business strategy to turn around a struggling company in a meeting simulation.

Modality

Face to Face on Campus

Learning Model

Academic Course

Competency

Leadership,
Verbal Communication Skills,
Intercultural Competence,
Critical Thinking,
Writing Skills

Graduate Academic Research

Duration 3 hrs/week, 10-14 weeks

This course enables international graduate students to develop critical skills for conducting, discussing, presenting and writing about research related to their field of study. By assembling their own collection of field-related articles and analyzing the language, rhetorical features and lexicon within in, students familiarize themselves with the conventions of academic and professional writing in their field. Students learn how to identify and evaluate relevant sources, and practice essential skills such as summarizing, paraphrasing, and creating citations. Students practice critical reading and apply their learning in group discussions and group projects, developing their capacity to collaborate with peers. The course prepares students to write and revise academic texts through illustrative models and examples, abundant practice, targeted feedback and multiple drafts. Students will also practice reporting findings and analysis in regular academic presentations.

Modality

Face to Face on Campus

Learning Model

Academic Course

Competency

Academic Integrity,
Presentation Skills,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

Graduate Writing and Communication

Duration 6 hrs/week, 10-14 weeks

This course provides instruction and practice with graduate-level academic English skills, such as lecture-focused listening comprehension and note taking, academic research and writing, academic discussion skills, and oral presentations. The course integrates grammar as needed and teaches high-frequency academic vocabulary as well as discipline-related vocabulary, based on students' needs. It may also include activities designed to strengthen students' performance in concurrent or future required courses, as well as those that address cultural differences in academic expectations.

Modality

Face to Face on Campus,
Face to Face on Campus with LMS Support,
Hybrid; Face to Face and Synchronous/
Asynchronous Online,
Synchronous Online

Learning Model

Academic Course

Competency

Academic Integrity,
Presentation Skills,
Verbal Communication Skills,
Critical Thinking,
Writing Skills

Introduction to Undergraduate Academic Writing

Duration 6 hrs/week, 2 weeks

This intensive course is designed to develop students' academic writing skills in preparation for first-year university courses. The course combines student-centered, communicative activities with writing practice and online self-study that reviews and expands on the classroom material. Students develop their ability to incorporate ideas that they have either read about or experienced into academic essays. Students will also increase their competence in academic summary-response and narrative writing, as well as in taking timed essay exams.

Modality

Mixed Synchronous & Asynchronous Online

Learning Model

Bootcamp

Competency

Academic Integrity,
Critical Thinking,
Intercultural Competence,
Planning Skills,
Writing Skills

Presentation Skills

Duration 2 hrs/week, 16 weeks

In this course, intermediate students learn the essential features of effective presentations and practice techniques for engaging an audience, delivering meaningful content, and using pronunciation to support message delivery. Students learn both how to prepare a well-organized presentation and how to use their voice and body language to connect with listeners. In preparation for delivering short talks, students analyze video excerpts of speeches, synthesize sources of information, study presentation structure, and improve their pronunciation through iterations of scripted speech. Students learn several different presentation types, including introducing others, defining terms, delivering information, explaining processes, and presenting solutions to problems. By learning to design presentations to appeal to audiences, students develop skills they can use to effectively share their ideas in academic and professional settings.

Modality

Face to Face on Campus

Learning Model

Academic Course

Competency

Pronunciation,
Presentation Skills,
Critical Thinking

Math & Computer Science Courses

College Algebra Foundation

Duration 8 weeks, suggested pace 1 lesson/week

This course is designed to develop international students' foundation in college algebra skills in preparation for first-year university courses. The course combines recorded lessons with quizzes and assignments. In this intermediate to high-intermediate (CEFR B1+ to B2+) course, students will develop their reasoning ability and be prepared to be successful in higher-level math courses.

Modality

Asynchronous Online

Learning Model

Academic Course

Competency

Critical Thinking,
Math Skills

College Algebra Review

Duration 1 hr/week, 8-13 weeks

This course is designed to review basic algebraic concepts, including the manipulation of algebraic expressions, factoring and solving for a desired variable, graphing polynomials, circles, exponential and logarithmic functions, trigonometric functions and understanding their properties, and finding their roots, extrema, asymptotes, and applications. This course prepares students to be successful in higher-level math courses.

Modality

Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Clinic

Competency

Math Skills

Introduction to Python and Related Languages

Duration 1 hr/week, 12 weeks

This course is designed as an introduction to Python and related languages and starts by developing a baseline understanding of who invented the language, its benefits, and application. Other topics covered include variables and simple data types, conditions, loops and functions in Python, classes and objects, files and exceptions, user input and output and Python Flask. At the end of the course, students should be able to read and write code in Python, including If-statements.

Modality

Asynchronous Online,
Hybrid; Face to Face and Synchronous/
Asynchronous Online

Learning Model

Bootcamp

Competency

Computer Programming Skills,
Critical Thinking

Quantitative Skills - Math Review

Duration 1 hr/week, 6 weeks

This course is designed to ensure that graduate students have proficiency in college-level mathematics to support their success in their program. Topics covered include a basic review of arithmetic, algebra, calculus, and statistics. Linear systems, graphing of functions, and measures of variance are also covered. Students engage in review and practice of these key concepts to ensure they have the foundation they need to build the skills that will allow them to thrive academically during their graduate experience.

Modality

Asynchronous Online,
Face to Face on Campus with LMS Support,
Synchronous Online

Learning Model

Clinic

Competency

Critical Thinking

Topics in Discrete Mathematics

Duration 1 hr/week, 12 weeks

This course is designed as an introduction to discrete mathematical topics and also to proof-based classes. Topics covered include formal logic, set theory, techniques of mathematical proof, induction, number theory, and graph theory. At the end of the course, students should be able to read and write mathematics (including proofs), use and understand mathematical notation and terminology, and apply logical and abstract thinking skills.

Modality

Asynchronous Online,
Hybrid; Face to Face and Synchronous/
Asynchronous Online

Learning Model

Bootcamp

Competency

Critical Thinking,
Math Skills