

UNDERGRADUATE *and* GRADUATE ACADEMIC PROGRAMS

The Core Curriculum

Butler University is home to six colleges, all of which believe that the University's first responsibility is the liberal education of its students. At the heart of Butler's undergraduate education is the University's Core Curriculum, a set of academic requirements embodying our definition of what it means to be a liberally educated person. Created in 1945, the Core Curriculum is one of Butler's oldest academic entities. Like all good ideas, the core has not remained static but has expanded to meet the needs of a changing society. Today's Core Curriculum, implemented in fall 2010, emphasizes the development of key skills that transfer directly into careers after graduation. Employers are seeking flexible, creative, and critical thinkers who can demonstrate competencies in strong written and oral communication, information fluency, intercultural awareness, and analytical and ethical reasoning skills. Through direct experience working in the Indianapolis community, study-abroad opportunities, and rich co-cultural experiences in the Core Curriculum, Butler students also engage central issues of our increasingly globalized world, including diversity, personal and social responsibility, and social justice. In these varied ways, the Core Curriculum provides Butler students with transformative learning experiences that prepare graduates to make a meaningful impact on the world.

The Core Curriculum is required for all baccalaureate and associate degrees. All Butler undergraduates, no matter their major field of study, complete the Core Curriculum. Core Curriculum courses are not open to graduate students. Students are expected to consult with their academic advisor prior to registration each semester to plan their experiences in the Core Curriculum. For more information, visit www.butler.edu/core.

Core Curriculum Structure

The Core Curriculum consists of several key components, all of which must be fulfilled prior to graduation:

- The First Year Seminar (6 credit hours)
- Global and Historical Studies (6 credit hours)

- Areas of Inquiry: Students are required to successfully complete one course in each Area of Inquiry. Students select courses each semester to fulfill each Area of Inquiry from approved course lists in the online Course Search utility using the appropriate course attribute.

The six Areas of Inquiry are:

- AR: Analytic Reasoning (3 credit hours)
- NW: The Natural World (5 credit hours, lecture plus lab)
- PCA: Perspectives in the Creative Arts (3 credit hours)
- PWB: Physical Well-Being (1 credit hour)
- SW: The Social World (3 credit hours)
- TI: Texts and Ideas (3 credit hours)

To ensure academic quality and integrity, some Core Curriculum requirements may be satisfied by taking courses only at Butler University. Other Core Curriculum requirements have provisions that allow for completion via transfer credit, AP, IB, or other exemptions. For details, see www.butler.edu/registrar.

First Year Seminar (FYS)

The First Year Seminar (FYS101 and FYS102) is a topics-based, two-semester sequenced course that serves as an introduction to the vitality of the liberal arts. FYS101 is taken in the fall semester; FYS102 is taken in the spring semester. Students will develop, practice, and advance their abilities with critical reading and thinking, effective oral communication and academic writing, and information literacy.

Students assigned to EN101, Writing Tutorial, must enroll in EN101 during their first semester at Butler concurrently with FYS101. Some students also may be required to take EN101 concurrently with FYS102, contingent upon student performance in EN101 or FYS101. The English Department administrators EN101, including placement tests.

Transfer students who have completed two semesters of 100-level English, or other critical reading, thinking, and writing coursework at another institution, may be allowed to satisfy the FYS requirement with a total of not fewer than six transferred semester hours.

All students are expected to complete the First Year Seminar during their first year at Butler.

Course Structure: A two-semester sequence taken in the first year. FYS course titles and descriptions can be found through the online Course Search utility using the FYS course attribute.

Exemptions: None.

Learning Objectives

- Students will learn to listen and read critically—texts, speech, media, and other cultural productions—in order to examine, challenge, and reshape themselves and the world in which they live.
- Students will learn to express themselves clearly and persuasively in exposition and in argument, in both written and oral forms.
- Students will carry out research for the purpose of supplying evidence and support for claims made in exposition and argument.

Global and Historical Studies (GHS)

Global and Historical Studies (GHS201–209) is an array of interdisciplinary courses that allow students to engage in investigation of and reflection about a culturally diverse and increasingly globalized world. Students will learn to employ a conceptual framework that appreciates cultures as dynamic, heterogeneous, and constantly in conversation with one another. In doing so, students will draw on a variety of sources and disciplines, including the arts, the humanities, and social and natural sciences, and they will continue to develop the skills of expository writing introduced in the First Year Seminar.

Course Structure: All students are required to complete two semesters of GHS201–209 (six credit hours), ideally during their sophomore year. Students may not take both GHS203 and GHS209 to complete the GHS requirement, but any other combination of courses is allowed. Course titles and descriptions can be found through the online Course Search utility using the GHS course attribute.

Exemptions: One semester of GHS is automatically waived for international students. If a student studies abroad in a Butler-approved program and successfully completes nine or more credit hours of coursework while abroad, the student automatically receives a one-semester/three-credit-hour waiver from GHS. However, students are not allowed to receive two waivers for GHS; they must take at least one GHS course at Butler University. Exceptions require the approval of the faculty director of Global and Historical Studies.

Learning Objectives

- Employ a conceptual framework for global and historical studies that appreciates cultures as dynamic, heterogeneous, and constantly in conversation with one another
- Draw on a variety of sources and disciplines—including the arts, the humanities, and the social and natural sciences
- Recognize both the benefits and challenges of living in a culturally diverse and increasingly globalized world
- Continue development of skills of expository writing

Areas of Inquiry

Course titles and descriptions for all Areas of Inquiry courses can be found at the beginning of each departmental course listing and in the online Course Search utility, identified by the relevant course attribute.

Analytic Reasoning (AR)

Course Structure: A menu of three-credit-hour courses to be taken from the first year onward.

Exemptions: Exempt for students who have completed at least five credit hours of mathematics or computer science courses above algebra and pre-calculus, and for students in professional colleges (COPHS or COB) with college mathematics requirements. For AP/IB equivalencies, see www.butler.edu/registrar.

Learning Objectives

- Develop capacities for quantitative and analytic reasoning
- Understand the centrality of these capacities to the natural and social sciences
- Recognize the applications of such capacities to matters of personal and public life

The Natural World (NW)

Course Structure: A menu of five-credit-hour lecture/lab courses to be taken from the first year onward. Courses not required of science majors.

Exemptions: Exempt for students who have completed at least eight credit hours of laboratory science. For AP/IB equivalencies, see www.butler.edu/registrar.

Learning Objectives

- Gain awareness of some significant scientific theories and achievements, and recognize how they are related both to other areas of science and to our understanding of broader societal issues

- Develop an understanding of the methods of natural science and a capacity to reason scientifically
- Experience first-hand the scientific process method through discovery-based learning

Perspectives in the Creative Arts (PCA)

Course Structure: A menu of three-credit-hour courses to be taken from the first year onward.

Exemptions: Exempt for students taking at least nine credit hours in art, dance, theater, music, digital media production, recording industry studies, or creative writing.

Learning Objectives

- Develop cognitive and affective appreciation for the process and products of artistic creation
- Participate actively in the creation of an artistic product
- Reflect on the nature and sources of aesthetic value
- Develop habits of participation in artistic and cultural events that will lead to lifelong engagement with the creative arts

Physical Well-Being (PWB)

Course Structure: A one-credit-hour, two-contact-hour, pass/fail course selected from a menu of courses devoted to physical and health education and activities taken from the first year onward.

Exemptions: None.

Learning Objectives

- Develop lifelong habits of good health and physical activity
- Increase awareness of the centrality of health and wellness for the pursuit of a good life

The Social World (SW)

Course Structure: A menu of three-credit-hour courses to be taken from the first year onward.

Exemptions: Exempt for students taking at least nine credit hours in the social sciences, including anthropology; communication sciences and disorders; critical communication and media studies; economics; human communication and organizational leadership; international studies; journalism; political science; psychology; science, technology, and society; sociology; strategic communication; or majors in the College of Education. For AP/IB equivalencies, see www.butler.edu/registrar.

Learning Objectives

- Study selected questions about human beings and the social, cultural, economic, and political world in which they are embedded
- Develop an understanding of the variety of quantitative and qualitative research methods social scientists use to study the social world
- Develop the ability to discern the social, scientific, and ethical dimensions of issues in the social world, and to understand the interaction between a society's values and its definition of social problems

Texts and Ideas (TI)

Course Structure: A menu of three-credit-hour courses to be taken from the first year onward.

Exemptions: Exempt for students taking at least nine credit hours in humanities courses, including most English, history, philosophy, and religion courses, as well as literature courses taught in classical and modern languages. For AP/IB equivalencies, see www.butler.edu/registrar.

Learning Objectives

- Engage in reading, writing, and discussion about important ideas drawn from the study of important texts in a variety of areas, including, among others, literary texts, dramatic texts, sacred texts, historical texts, philosophical texts, and scientific texts
- Develop capacities for argument, interpretation, and aesthetic appreciation through engagement with these texts and ideas

Additional Graduation Requirements

Students also must fulfill these four graduation requirements, also identified in the online Course Search utility by their respective course attributes:

Writing across the Curriculum Requirement

Requirement Structure: Students must take one course at or above the 300 level in any part of the University that provides opportunities for formal and informal writing, with opportunities for revision. The course must be taken after the student has attained junior standing at the University. Courses meeting the Writing across the Curriculum requirement can be found in the online Course Search utility each semester using the course attribute.

Exemptions: None.

Learning Objectives

- Refine habits conducive to good writing developed at earlier stages in core education and education in the major
- Use writing both as a tool for learning and as a means for communicating about ideas within a discipline or profession

Speaking across the Curriculum Requirement

Requirement Structure: Students must take one course at or above the 300 level in any part of the University that provides opportunities for formal oral communications assignments. Courses meeting the Speaking across the Curriculum requirement can be found in the online Course Search utility each semester using the course attribute.

Exemptions: None.

Learning Objectives

- Develop oral communications skills in the context of course- and discipline-specific materials
- Use oral communications assignments to aid students in mastery of course- and discipline-specific content

Students who matriculated at Butler in fall 2012 and after must fulfill Speaking across the Curriculum as a graduation requirement.

Indianapolis Community Requirement (ICR)

The Indianapolis Community Requirement is a civic-learning component of the Core Curriculum that immerses students in environments wherein they learn about civic-mindedness, diversity, social justice, and personal and social responsibility, and thereby enhances their academic learning while they become better citizens of their communities and of the world. ICR involves students in a wide range of innovative learning experiences that extend Butler classrooms into the Indianapolis community—to the benefit of students, the University, and the community alike. ICR courses can accelerate the process whereby students master the skills of their respective disciplines, enhance their understanding of personal and social responsibility, and develop intercultural competencies. Where volunteers may donate time to a project, the ICR is based on connecting experience outside of the Butler classroom to academic learning goals within the classroom. Courses meeting the ICR can be found in the online Course Search utility each semester using the course attribute.

Requirement Structure: Students must take one course in any part of the University that involves active engagement with the Indianapolis community.

Exemptions: None

Learning Objectives

- Have an active learning experience that integrates classroom knowledge with activities in the Indianapolis community
- Use an experience in Indianapolis to further the student's understanding of the nature of community and the relationship between the student and community
- Further students' commitment to service and ongoing involvement as community actors

The ICR program is coordinated by the Center for Citizenship and Community.

Center for Citizenship and Community

Butler University's Center for Citizenship and Community (CCC) facilitates civic engagement for Butler students, faculty, and staff. The CCC serves to create innovative academic learning experiences that extend Butler classrooms into the Indianapolis community—to the benefit of students, the University, and the community alike.

The Center's activities include:

- Bringing together community members and leaders with University faculty, students, and staff to address pressing community issues
- Coordinating the ICR and service-learning opportunities as they relate to University curricula
- Building courses and learning experiences that will help students develop the civic-mindedness that is foundational to becoming responsible citizens prepared to address future challenges

For more information, contact Donald Braid, CCC Director, 317-940-8353, dbraid@butler.edu, or visit www.butler.edu/centerforcc.

Butler Cultural Requirement (BCR)

Butler University has a rich set of cultural activities in the form of artistic performances, seminars, and public lectures that collectively comprise one of our most remarkable educational resources. The aim of the Butler Cultural Requirement is to engage students in these most valuable and exciting learning opportunities, and to encourage students to develop habits of participation in artistic and cultural events that will lead to lifelong engagement with the creative arts and public intellectual life.

Requirement Structure: Students must attend a total of eight cultural events on the Butler campus, such as lectures, performances, recitals, or exhibitions. Events eligible for BCR credit carry the BCR symbol. Ideally, attendance will be spread out over students' time at Butler, but this is not required. Transfer students must complete at least one BCR credit for each semester enrolled at Butler University.

Exemptions: None

Learning Objectives

- Discover that some of the most valuable and exciting learning opportunities at Butler take place outside of the classroom
- Develop habits of participation in artistic and cultural events that will lead to lifelong engagement with the creative arts and public intellectual life

Academic Programs

Butler University's challenging learning environment includes a wide range of academic programs steeped in the liberal arts, which provide excellent career and graduate school preparation. Butler offers more than 60 major academic fields of study in six colleges: the Colleges of Liberal Arts and Science, Business, Communication, Pharmacy and Health Sciences, Education, and the Jordan College of the Arts. Graduate programs are available within five of the six colleges.

Continued partnerships include the Engineering Dual Degree Program with Purdue University at Indianapolis, enabling students to obtain two degrees in five years—a bachelor of science degree from Butler as well as a bachelor of science in engineering from Purdue University.

Butler also offers pre-professional programs in dentistry, law, medicine, physical therapy, seminary, and veterinary medicine. Butler is fully accredited by the North Central Association of Colleges and Schools. The University is licensed for teacher training by the Indiana Office of Educator Licensing and Development. University colleges and departments are accredited by their respective professional associations.

Majors, Degrees, Concentrations

Butler University's six colleges offer the following undergraduate and graduate degrees:

	College
Accelerated Alternative Program in Initial Licensure in Mild Interventions	COE
Accounting, BS, MPAcc	COB
Actuarial Science, BA, BS	LAS
Anthropology, BA	LAS
Anthropology and Psychology, BA	LAS
Art + Design, BA	JCA
Arts Administration	JCA
BS in Arts Administration	
BS in Dance—Arts Administration	
BS in Arts Administration—Music	
BS in Arts Administration—Theatre	
Astronomy and Astrophysics, BA, BS	LAS
Biology, BA, BS	LAS
Business Administration, MBA	COB
Chemistry, BA, BS	LAS
Classical Studies, BA	LAS
Communication Sciences and Disorders, BA	CCOM
Computer Science, BA, BS	LAS
Creative Writing, MFA	LAS
Criminology, BA	LAS
Criminology and Psychology, BA	LAS
Critical Communication and Media Studies, BA	CCOM
Dance	JCA
BFA in Dance—Performance	
BA in Dance—Pedagogy	
BS in Dance—Arts Administration	
Digital Media Production, BA	CCOM
Economics, BA, BSE	LAS, COB
Educational Administration, MS (EPPSP)	COE
Effective Teaching and Leadership, MS (METL)	COE
Elementary Education, BS	COE
English, BA	LAS
Creative Writing	
Literary Theory, Culture, and Criticism	
Literature	
Public and Professional Writing	
English, MA	LAS
Entrepreneurship and Innovation, BS	COB
Environmental Studies, BA, BS	LAS
Finance, BS	COB
French, BA	LAS
Gender, Women, and Sexuality Studies, BA	LAS
General Program, AA, AS	LAS
German, BA	LAS
Graduate Initial Licensure Program Grades 5–12 (GILP)	COE
Health Sciences, BS/HS	COPHS
History, BA, MA	LAS
History and Anthropology, BA	LAS
History and Political Science, BA	LAS

Human Communication and Organizational Leadership, BA	CCOM	School Counseling, MS	COE
Individualized Major, BA, BS	LAS	Science, Technology, and Society, BA, BS	LAS
International Business, BS	COB	Sociology, BA	LAS
International Studies, BA	LAS	Specialization in social work and social policy	
Africa, Asia, Europe, or Latin America		Sociology and Criminology, BA	LAS
Journalism, BA	CCOM	Specialization in social work and social policy	
Management Information Systems, BS	COB	Sociology and Psychology, BA	LAS
Marketing, BS	COB	Specialization in social work and social policy	
Mathematics, BA, BS	LAS	Software Engineering, BA, BS	LAS
Middle/Secondary Education, BS	COE	Spanish, BA	LAS
Music, BA	JCA	Sports Media, BA	CCOM
Composition Emphasis		Strategic Communication: Public Relations and Advertising, BA	CCOM
Jazz Studies Emphasis		Theatre	JCA
Music History Emphasis		BA in Theatre	
Music Performance Emphasis		BS in Arts Administration–Theatre	
Music Theory Emphasis			
Piano Pedagogy Emphasis			
Music, BM	JCA		
BM in Composition			
BM in Jazz Studies			
BM in Music Education (choral/general; instrumental/general; or area—5-year program)			
BM in Performance (instrumental, piano, or voice)			
BM in Performance and Music Education (5-year program)			
Music, BMA (<i>pending approval</i>)	JCA		
Music, MM	JCA		
Composition			
Conducting (choral or instrumental)			
Music Education			
Music History			
Performance (instrumental, piano, or voice)			
Piano Pedagogy			
MM with a double major			
Peace and Conflict Studies, BA	LAS		
Pharmaceutical Sciences, MS	COPHS		
Medicinal Chemistry, Pharmacy Administration, Pharmacology, Pharmaceuticals, Clinical Sciences			
Pharmacy, PharmD	COPHS		
Pharmacy, PharmD/MS in Pharmaceutical Sciences	COPHS		
Pharmacy, PharmD/MBA	COPHS/COB		
Philosophy, BA	LAS		
Philosophy and Religion, BA	LAS		
Philosophy and Psychology, BA	LAS		
Physician Assistant, MPAS	COPHS		
Physics, BA, BS	LAS		
Political Science, BA	LAS		
Political Science and Psychology, BA	LAS		
Psychology, BA	LAS		
Public Accounting, BS, MPAcc	COB		
Recording Industry Studies, BA	CCOM		
Religion, BA	LAS		
Risk Management and Insurance, BS	COB		
		Undergraduate students may choose to add a minor to their study. Minors are posted to the student's transcript along with the major and degree earned.	
		Minors	
		Actuarial Science	
		African Studies	
		Anthropology	
		Art + Design	
		Astronomy	
		Biology	
		Business Administration	
		Business Law	
		Chemistry	
		Chinese	
		Classical Studies	
		Computer Science	
		Criminology	
		Critical Communication and Media Studies	
		Digital Media Production	
		Early Childhood Education	
		Economics	
		English Literature	
		English as a New Language	
		English Creative Writing	
		English Public and Professional Writing	
		Entrepreneurship and Innovation	
		Environmental Studies	
		Ethics	
		French	
		Gender, Women, and Sexuality Studies	
		Geography	
		German	
		Health Care Management	
		History	
		Human Communication and Organizational Leadership	
		International Business	

International Studies
 Jazz Studies
 Journalism
 Management Information Systems
 Marketing
 Mathematics
 Music
 Neuroscience
 Peace and Conflict Studies
 Philosophy
 Physics
 Political Science
 Psychology
 Reading Teacher
 Recording Industry Studies
 Recreation and Sports Studies
 Religion
 Risk Management and Insurance
 Science, Technology, and Society
 Sociology
 Spanish
 Special Education—Mild Interventions
 Strategic Communication
 Theatre

Graduation Honors

Butler University offers two types of graduation honors: students may graduate with University honors, departmental honors, or both. To be eligible, a student must be an undergraduate who has completed at least 60 academic hours for a grade at Butler University.

University Honors

Cum laude—a Butler cumulative grade point average (GPA) of 3.70, or both an average of 3.50 and completion of the University Honors Program.

Magna cum laude—a Butler cumulative GPA of 3.70 and completion of the University Honors Program.

Summa cum laude—a Butler cumulative GPA of 3.90 and completion of the University Honors Program.

Departmental Honors

The purpose of departmental honors is to recognize students for exceptional achievement within their major. Students are nominated for departmental honors by the head of the department of their academic major. Three levels of departmental honors are awarded:

- “in (major) with honors” is awarded to a nominee who has a GPA of at least 3.60 in the academic major.
- “in (major) with high honors” is awarded to a nominee who has a GPA of at least

3.70 in the academic major and who either presents an honors thesis approved by the department and the University Honors Program Committee or passes a comprehensive examination in the major subject.

- “in (major) with highest honors” is awarded to a nominee who has a GPA of at least 3.80 in the academic major and who both presents an honors thesis approved by the department and the University Honors Program Committee and passes a comprehensive examination in the major subject.

All comprehensive exams must comply with five minimum standards. They must:

1. Be developed and administered by the departments or programs—i.e., GRE and other external standardized tests are not appropriate
2. Be relevant to the student’s coursework in the department
3. Include a written component
4. Include a component that is common to all students, and that tests their understanding of core knowledge in the discipline
5. Include questions that require synthesis of ideas and comprehensive reflection about a substantial portion of the student’s coursework in the department

University Honors Program

The Butler University Honors Program exists to meet the expectations of academically outstanding students in all colleges and majors who wish to develop their talents and potential to the fullest. It is designed—through a combination of honors courses, cultural events, independent study, and creative activity—to foster a diverse and challenging intellectual environment for honors students and to enhance the academic community by adding a distinctive note of innovative thinking and interdisciplinary dialogue. The program will issue invitations to apply to the University Honors Program based on test scores (1320 or higher combined SAT score or 30 or higher composite ACT score) or class rank (top 5 percent). Admission to the program for incoming students will be based on an application essay. Students who complete one or two semesters at Butler University (16 or 32 graded credits) with a cumulative GPA of at least 3.60 also are invited to enter the program. Other students may be admitted upon the approval of the University Honors Board.

The University Honors Program requires satisfactory completion of the following:

Honors Courses

Four honors courses are required, including at least one HN200 and at least one HN300, in addition to either HN397 or HN398 and the departmental honors course most relevant to one's thesis. A student must earn a minimum grade of B for an honors course to count toward completion of University Honors Program requirements. Honors First Year Seminar (HN110 and HN111) is taken in the first year. Students who do not take HN110 and HN111 in their first year must replace this experience with another honors course, either an HN200 or an HN300.

Departmental Honors Course

Students must take the designated departmental honors course within their department or college for credit. The designated departmental honors course does not count toward the four required honors courses.

Honors Thesis Proposal Course

Typically taken during spring semester of the penultimate academic year, the product of the course (HN397, HN398) will be a thesis proposal, which will be submitted for review on the Friday before Spring Break.

Honors Thesis

All University Honors Program students are required to complete an honors thesis. The thesis is a major research or creative project, usually (but not necessarily) in the field of the student's major, and advised by a full-time faculty member. The project begins following approval of the thesis proposal, and the completed thesis is due during the semester of the student's intended graduation date. Each student must give an oral presentation of her or his thesis before an audience at an appropriate forum.

Other Requirements

Honors Community Events: Students are required to attend eight honors community events during their first three years. These community events will be announced to all honors students and may include honors course speakers, honors course presentations, presentations/performances of undergraduate thesis work, community events sponsored by the Student Honors Council, and/or special events sponsored by the University Honors Program.

Satisfactory progress at the sophomore review: All students will be reviewed in the second semester of their second year, i.e., in the fourth semester at Butler. To remain active in the program, students must have a minimum of 64 credit hours at Butler with a GPA of at least 3.4, progress toward completion of the honors

curriculum (at least two honors courses), and satisfactory attendance at cultural events. All students have the right of petition to waive or substitute certain criteria.

Center for High Achievement and Scholarly Engagement (CHASE)

The University Honors program is coordinated by the Center for High Achievement and Scholarly Engagement (CHASE) office. CHASE provides a variety of services and support for Butler students who want to enhance their education by pursuing additional opportunities while at Butler and for those who wish to continue their education beyond Butler. Along with Honors, these include programs to support undergraduate research and creative activity, advising for professional school related to law and health, advising for competitive fellowships and scholarships, and domestic semester-away programs, including the Washington D.C. Learning Semester, described below.

For more information, contact CHASE at Jordan Hall, room 253, 317-940-9581, chase@butler.edu, or visit www.butler.edu/chase.

Honors Courses

HN110, Honors First Year Seminar: This introductory course of the honors curriculum is designed to transition students from high school academic experiences to Butler's Honors Program. A topic or subject area will be explored allowing students to reflect on "big questions" about themselves, their community, and their world. Individual sections of HN110 will have more detailed course descriptions. Students who enroll in this course are expected to enroll in HN111 in the spring. Completion of HN110 and HN111 together will satisfy the requirements of FYS101, FYS102, and one HN seminar. Completion of HN110 alone will satisfy only the requirement for FYS101. Completion of HN111 alone (4 credits) will satisfy only the requirement for CC102 or FYS102 (3 credits). Prerequisites: Must be registered in the University Honors Program, or receive permission from the director of the University Honors Program. (U)(4) Fall.

HN111, Honors First Year Seminar: The second semester of the introductory course of the honors curriculum is designed to transition students from high school academic experiences to Butler's Honors Program. A topic or subject area will be explored allowing students to reflect on "big questions" about themselves, their community, and their world. Individual sections of HN111 will have more detailed course descriptions. Completion of HN110 and HN111

together will satisfy the requirements of FYS101, FYS102, and one HN seminar. Completion of HN111 alone will satisfy only the requirement for FYS102. Prerequisites: Must be registered in the University Honors Program, or receive permission from the director of the University Honors Program. (U)(4) Spring.

HN200, In-Depth Honors Seminar: Students will participate in a comprehensive exploration of a single topic: a great book or an enduring text; a masterwork of music, art, dance, film, or drama; a particular individual (artist, author, historical figure, scientist, etc.); or a theory, institution, or organization. Individual sections will have detailed course descriptions. Prerequisite: Must be registered as active in the University Honors Program or have permission from the University Honors Program director. (U)(2) Fall and spring.

HN203, HN205, HN206, and HN208, Honors Global and Historical Studies: This interdisciplinary, sophomore-level course in the honors curriculum is designed to satisfy all the learning goals of GHS (allowing students to employ a conceptual framework for global and historical studies that appreciates cultures as dynamic, heterogeneous, and constantly in conversation with one another, drawing on a variety of sources and disciplines—including the arts, the humanities, and the social and natural sciences, recognizing both the benefits and challenges of living in a culturally diverse and increasingly globalized world and continuing development of skills of expository writing). In addition, this course will incorporate the learning and pedagogical goals of the honors program, which include challenging students to think at a more complex level about the issues and ideas, and asking students to be more independent, creative, and actively involved in their learning process. All students who complete an Honors GHS course with a grade of B or better will earn honors credit for one HN 200-level course. Topics vary by course number and/or term; consult Course Search utility or contact the Honors Program for additional information. (U)(3) Fall and spring.

HN300, Interdisciplinary Honors Seminar: Students will explore selected interdisciplinary topics of interest presented in an active and challenging learning format. Wide-ranging subject areas will be considered from multiple perspectives. Individual sections will have detailed course descriptions. Prerequisite: Must be registered as active in the University Honors Program or have permission from the University Honors Program director. (U)(2) Fall and spring.

HN351, Honors Tutorial: In this tutorial, students will explore a topic guided by an instructor. Students will be required to submit an outline of a plan of study to the honors office early in the semester and a final instructor evaluation of the completed tutorial. All Honors Theses are published in the University library, and students additionally have the option to publish their works in the Digital Commons, which is an internationally-accessible repository. Prerequisites: At least one HN110–HN111, HN200, or HN300 experience; the instructor's consent; and approval by the honors University Honors Program director. (U)(1) Fall and spring.

HN352, Honors Tutorial: In this tutorial, students will explore a topic guided by an instructor. Students will be required to submit an outline of a plan of study to the honors office early in the semester and a final instructor evaluation of the completed tutorial. Prerequisites: At least one HN110–HN111, HN200, or HN300 experience; the instructor's consent; and approval by the University Honors Program Director. (U)(2) Fall and spring.

HN397, Honors Independent Study—Thesis Proposal: This course grants credit to honors thesis proposal writers and is required by the University Honors Program curriculum. Students are required to attend three proposal workshops during the semester; create a study plan with thesis advisor; submit the study plan to the honors office early in the semester; and submit a thesis proposal by the designated due date. Completion of the required departmental honors course is strongly recommended prior to enrolling in this course. Prerequisites: a provisional pass or pass for honors sophomore review; instructor's consent; and approval by the honors director. P/F (U)(1) Students with an approved honors thesis proposal may have the option to take XX499 (AN499, BI499, CH499, etc.) for three hours of graded credit in the department of the thesis. This is not a requirement of the University Honors Program. (U)(1) Fall and spring.

HN398, Honors Independent Study—Thesis Proposal: This course grants credit to honors thesis proposal writers and is required by the University Honors Program curriculum. Students are required to attend three proposal workshops during the semester; create a study plan with thesis advisor; submit the study plan to the honors office early in the semester; and submit a thesis proposal by the designated due date. Completion of the required departmental honors course is strongly recommended prior to enrolling in this course. Prerequisites: a

provisional pass or pass for honors sophomore review; instructor's consent; and approval by the honors director. P/F (U)(2) Students with an approved honors thesis proposal may have the option to take XX499 (AN499, BI499, CH499, etc.) for three hours of graded credit in the department of the thesis. This is not a requirement of the University Honors Program. (U)(2) Fall and spring.

HN499, Honors Thesis: (U)(2) Fall and spring.

International Education

Butler University encourages students to study in international settings as part of their academic experience. Students may choose to study for a semester, academic year, or during the summer. All students who wish to study abroad must apply through the Center for Global Education and are expected to select their program from the Center's List of Approved Programs for Overseas Study. Students may study abroad during their sophomore and junior years, and possibly their senior year, if their academic dean approves their petition to intrude upon their final 30 hours at Butler.

Butler Semester in Spain Program

Butler offers a faculty-led program at the University of Alcalá de Henares each fall term. Butler students are able to take an entire semester's load of 12 credits that can be applied toward the Spanish major and minor, or can count as electives. All participating students take one course with the Butler faculty director, while the rest are taught by professors at the University of Alcalá de Henares in courses designed for non-native speakers of Spanish. Students with superior Spanish language skills can petition to enroll in university courses for native Spanish speakers. The program includes guided excursions to other regions of Spain. All students live with carefully selected Spanish families, thus enriching their opportunities for cultural immersion. Students must have completed two 300-level Spanish courses in order to be eligible for the program.

Global Adventures in the Liberal Arts (GALA) Programs

Each spring semester, Butler offers a faculty-led study program in a particular world region. Previous destinations have been Europe, Latin America, South Africa, and East Asia. Up to 20 students travel to several countries in the region while taking four or five undergraduate courses taught by Butler faculty members. The courses are designed to satisfy Core Curriculum requirements that are usually undertaken in the

sophomore year. Some cross-listing is possible in order to provide flexibility for students who already may have completed some of the core requirements included in the program.

Faculty-led Summer Courses

Students can take summer classes while traveling abroad with a faculty member and a group of Butler students. All the colleges at Butler organize three- to four-week summer courses in overseas locations. Students consistently report that these experiences offer a valuable opportunity to learn about the course content while visiting the actual locations they are studying.

International Exchange Programs

Reciprocal exchanges provide opportunities for Butler students to attend carefully selected partner universities abroad while students from those universities attend Butler, on a one-for-one basis. Butler has developed some of these exchange opportunities; others are available through the International Student Exchange Program. The University's faculty and study-abroad advisor will work closely with individual students to select the program that best fits each student's academic and personal development needs.

Butler has established reciprocal student exchange relationships with premier universities in other countries, including Australia, Brazil, Canada, Chile, China, France, Germany, Hong Kong, Japan, The Netherlands, New Zealand, Spain, Switzerland, Taiwan, Turkey, and Wales.

A wide range of courses are available at the partner universities in areas such as business, education, languages and cultural studies, and many other disciplines in the arts and sciences. Students also have access to the comprehensive services available to all students attending the university, as well as the continued support provided by the Center for Global Education.

Butler is a member of the International Student Exchange Program (ISEP), headquartered in Washington, DC. ISEP is a worldwide network for international education, consisting of 340 institutions from more than 35 countries, through which students may exchange on a one-for-one reciprocal basis. Each student Butler sends to an ISEP member institution receives tuition, room and board, and other benefits as defined by the hosting institution. Since ISEP is a totally integrated program, students studying in countries where the language of instruction is not English must prove sufficient language proficiency in order to participate.

Study-Abroad Programs

Butler University has been fortunate to have a cooperative agreement with the Institute for Study Abroad (IFSA-Butler), founded on Butler's campus in 1988. IFSA-Butler is one of the main study-abroad program providers for Butler students. The organization annually sends about 3,000 students from 400 U.S. universities to more than 90 universities in Argentina, Australia, Chile, Costa Rica, Egypt, England, Mexico, New Zealand, Northern Ireland, Republic of Ireland, and Scotland. IFSA-Butler is a separate service organization that helps students through the application process, assists with travel plans, arranges overseas housing, and advises on a variety of related issues. In addition to the Indianapolis office, IFSA-Butler maintains fully staffed offices in each country where it has programs. The overseas offices conduct student orientations, sponsor excursions, and provide various student services. All grades earned through an IFSA-Butler program are posted to an official Butler University transcript.

Students also may select their overseas study opportunity from programs offered by more than 15 other colleges, universities, and well-respected study-abroad organizations. All provide a wide range of student services and give careful attention to safety and security issues. Approved programs represent a broad range of geographic regions and areas of study. Educational opportunities may be classroom-based or experiential, including internships or service learning.

Tuition and Financial Aid Applicability for Study Abroad

In most cases, federal and state aid will apply to study-abroad costs if the student currently is receiving aid. Students who study abroad will pay Butler University tuition during their semester(s) abroad. Those who participate in the Butler Semester in Spain program and the Global Adventures in the Liberal Arts program as well as in reciprocal exchange programs—through Butler's bilateral exchanges or ISEP—may apply 100 percent of their Butler institutional financial aid to their tuition for their semester(s) abroad. Those who participate in other approved study-abroad programs may apply 50 percent of their Butler institutional financial aid toward their tuition for their first study-abroad semester, and 25 percent for their second semester abroad.

Center for Global Education (CGE)

The Center for Global Education provides leadership, coordination, and

administrative support for the comprehensive internationalization of the University. CGE manages all study-abroad activity; it provides advising, organizes pre-departure and reentry sessions, and maintains Butler's list of approved programs for overseas study. These programs offer a wide variety of options to Butler students interested in studying abroad during the academic year. All programs on the list meet Butler's high standards for academic excellence. Students are expected to select their overseas study program from the approved list. The programs fall into two broad categories: reciprocal exchanges and study-abroad programs, in addition to some of Butler's own programs.

For more information, contact CGE in Jordan Hall, or visit www.butler.edu/global-education.

Domestic Off-Campus Programs

Washington Learning Semester

Through its CHASE office, Butler University runs a semester-long program in Washington, DC, which features internships for Butler students from a wide variety of colleges and disciplines. Butler's on-site program director identifies internship opportunities tailored to each student's career interests and academic needs. Recent Butler student internships have included chemistry research at the Food and Drug Administration; marketing/administration for *National Geographic* magazine; working in the management/operations division of the Improv Club; and interning in the White House, the Smithsonian Museum, the office of the Speaker of the House, as well as in the offices of numerous senators and representatives. During their intern semester, students also take courses that are specially designed to enhance their DC experience, such as The Public Arts of Washington, DC, and Our Nation's Capital: How the Locals See It. Students register and pay tuition with Butler, receive their regular financial aid and scholarships, and earn credits in their degree programs. Information and applications are available on the CHASE website at www.butler.edu/chase.

DC300, Washington Semester Enrollment:

Program includes academic seminars and supervised internship in the nation's capital. Open to Butler students in all colleges. Internships are arranged according to students' academic and professional interests. Prerequisites: Admission to the Washington Learning Semester program, second semester

sophomore standing, and upper-level work in the field and approval by academic advisor. (U)(0) Fall and spring.

DC301, Washington DC Seminar: Offered in DC, a special topics seminar designed to make use of the learning opportunities particular to the nation's capital. Available to students enrolled in Butler's Washington Learning Semester program. Approval by program coordinator required. Seminar is repeatable for credit. (U)(1) Fall and spring.

DC302, Our Nation's Capital: How the Locals See It: This course, as part of the curriculum of the Washington Learning Semester program, offers an experiential, multidimensional exploration of the neighborhoods of city of Washington, DC—not the city the tourists see, but the city the locals call home. During this course, our primary textbook will be our nation's capital. Our emphasis will be on active learning, stressing the fundamental processes of discovery and observation. This active-learning paradigm may lead us to public products, such as oral presentations, photographic displays, videos, etc., as well as written texts. (U)(3) Fall and spring.

ROTC Programs

Butler students may enroll in Air Force and Army ROTC (Reserve Officer Training Corps) programs. Army ROTC courses (100 and 200 level) are taught on the Butler campus. Through classes and field training, Army ROTC provides the tools to become an Army officer without interfering with other classes. ROTC also provides students with discipline and money for tuition while enhancing the college experience. Students interested in enrolling in Army ROTC can start by taking an Army ROTC basic elective course that is open to all students. Talk to the Butler Military Science instructor about other ways to join Army ROTC and incentives available, including opportunities to compete for two-, three-, or four-year scholarships. More information: 317-274-0073, fax 317-274-0069, jlbarker@butler.edu, www.butler.edu/rotc. Air Force ROTC (AF ROTC) courses are offered at the Indiana University campus, Bloomington, and also may be available for online administration or individualized distance-learning options depending on your schedule. All Air Force ROTC courses (100–400 level) include a separate leadership laboratory, which meets once each week. This laboratory augments the AF ROTC academic curriculum by providing prospective Air Force officers the opportunities and feedback needed to develop the leadership, followership, managerial, and supervisory skills required of successful Air Force officers. More

information: 800-IUB-ROTC, afrotc@indiana.edu.

Air Force ROTC Courses

AI101, The Air Force Today 1: These survey courses briefly cover topics relating to the Air Force and national defense. It focuses on the structure and missions of Air Force organizations, officership, and professionalism. It also serves as an introduction into the development and use of professional communication skills that will continue to be developed and employed throughout the entire aerospace studies curriculum. (U)(2) Fall.

AI102, The Air Force Today 2: These survey courses briefly cover topics relating to the Air Force and national defense. It focuses on the structure and missions of Air Force organizations, officership, and professionalism. It also serves as an introduction into the development and use of professional communication skills that will continue to be developed and employed throughout the entire aerospace studies curriculum. (U)(2) Spring.

AI201, The Evolution of USAF Air and Space Power: These survey courses are concerned with the beginnings of manned flight and the development of aerospace power in the United States, including the employment of air power in WWI, WWII, Korea, Vietnam, the Gulf War, and beyond, as well as the peaceful/humanitarian employment of U.S. air power in civic actions, scientific missions, and the support of space exploration. (U)(2) Fall.

AI202, The Evolution of USAF Air and Space Power: These survey courses are concerned with the beginnings of manned flight and the development of aerospace power in the United States, including the employment of air power in WWI, WWII, Korea, Vietnam, the Gulf War, and beyond, as well as the peaceful/humanitarian employment of U.S. air power in civic actions, scientific missions, and the support of space exploration. (U)(2) Spring.

AI301, Leadership Studies 1: These courses study the anatomy of leadership, the need for quality leaders and development of management expertise, the role of discipline in leadership situations, and the variables affecting the successful exercise of individual leadership. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical applications of leadership concepts. Students will also contend with actual leadership problems and complete projects associated with planning and managing the AF ROTC Leadership Laboratory. (U)(2) Fall.

AI302, Leadership Studies 2: These courses study the anatomy of leadership, the need for quality leaders and development of management expertise, the role of discipline in leadership situations, and the variables affecting the successful exercise of individual leadership. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical applications of leadership concepts. Students will also contend with actual leadership problems and complete projects associated with planning and managing the AF ROTC Leadership Laboratory. (U)(2) Spring.

AI401, National Security Affairs & Preparation for Active Duty: In these courses, students learn about the role of the professional military leader in a democratic society; societal attitudes toward the armed forces; the requisites for maintaining a national defense structure; the impact of technological and international developments on strategic preparedness and the overall policy-making process; and military law. In addition, students will study topics that will prepare them for their first active-duty assignments as officers in the United States Air Force. (U)(3) Fall.

AI402, National Security Affairs & Preparation for Active Duty: In these courses, students learn about the role of the professional military leader in a democratic society; societal attitudes toward the armed forces; the requisites for maintaining a national defense structure; the impact of technological and international developments on strategic preparedness and the overall policy-making process; and military law. In addition, students will study topics that will prepare them for their first active-duty assignments as officers in the United States Air Force. (U)(3) Spring.

Army ROTC Courses

RZ101, Foundations of Officership: This course introduces you to issues and competencies that are central to a commissioned officer's responsibilities. Topics include leadership, values and ethics, fitness, and time management. Gain insight into the Army profession and the officer's role within the Army. Leadership labs, physical training sessions, and a weekend field training exercise are optional, but highly encouraged. (U)(1) Fall.

RZ102, Basic Leadership: Learn and apply principles of effective leading by focusing on leadership theory and decision making. Reinforce self-confidence through participation in physically and mentally challenging exercises involving land navigation, basic military tactics, and communication skills. Leadership labs, physical training sessions, and a weekend field training exercise are optional, but highly encouraged. (U)(1) Spring.

RZ201, Individual Leadership Studies: Learn and apply ethics-based leadership skills that contribute to building effective teams. Develop skills in oral presentations, writing concisely, leading groups, advanced first aid, land navigation, and basic military tactics. The course concludes with major case study. Leadership labs, physical training sessions, and a weekend field training exercise are optional, but highly encouraged. (U)(2) Fall.

ACADEMIC ENHANCEMENT PROGRAMS *and* RESOURCES

Center for High Achievement and Scholarly Engagement (CHASE)

Rusty Jones, PhD, Faculty Director

Located in Jordan Hall, room 153, CHASE provides services and support for Butler students who want to enhance their education by pursuing additional opportunities while at Butler and for those who wish to continue their education beyond Butler. Included are the University Honors Program; programs to support undergraduate research and activity; a domestic semester-away learning program in Washington, D.C.; advising for pre-health and pre-law students; a Mock Mediation team; advising for nationally and internationally competitive fellowships and scholarships, and administration of the University's chapter of the honor society Phi Kappa Phi. Additional information about CHASE-sponsored programs is available at www.butler.edu/chase or by contacting the Center at chase@butler.edu or 317-940-9581.

Undergraduate Research and Creative Activity

With support from the Holcomb Endowment and the Fairbanks Foundation, the Programs for Undergraduate Research Committee and CHASE assist the research and creative projects of students in all disciplines in a variety of ways:

- The Butler Summer Institute provides an opportunity for students to work one-on-one with a faculty mentor for nine weeks during the summer on a creative, scholarly, or research project. Students who are accepted to the program receive \$2,500 and free lodging for the duration of the program. In addition to conducting their projects and presenting their findings, students participate in luncheon seminars and other activities. They also are encouraged to engage in a group community service project. Through the Butler Summer Institute, students can experience a close working relationship with a member of the faculty and an opportunity to expand their scholastic and professional horizons.
- The Undergraduate Student Research Program encourages undergraduate students in the sciences (broadly defined)

to collaborate on research projects with a member of the faculty by providing a grant to support their joint project through the academic year.

- The Butler University Undergraduate Research Conference, held every spring, attracts more than 500 participants from colleges and universities around the Midwest and beyond. Presentations are given in a wide variety of disciplines.
- Student Thesis Grants support some of the costs of conducting research necessary for completion of honors theses.
- Travel Grants are available to support the travel costs of presenting the results of research or creative endeavors at international or national conferences.

Competitive Scholarships and Fellowships

The CHASE office provides recruiting, mentoring, advising, and coaching for students interested in applying for nationally competitive scholarships such as Fulbright, Goldwater, Marshall, Rhodes, and Truman scholarships. In recent years, Butler has had a distinguished record of success in these competitions. Most, but not all, support graduate study, and many support study at overseas institutions. Most of these programs require institutional endorsement through an internal selection process. For more information about specific scholarship programs and internal deadlines, visit the CHASE website or contact CHASE at chase@butler.edu.

Pre-Health Professions (pre-medicine, pre-dentistry, pre-veterinary medicine, pre-optometry, pre-physical therapy)

Although any major may be chosen, most pre-health students elect a major in either the biological sciences or chemistry. For admission, most professional schools require a minimum of one year of biology, one year each of general and organic chemistry, and one year of physics; however, the expectations of professional schools vary, and students should consult with their Butler advisor and the pre-health advisor concerning the requirements of the particular professional schools in which they are interested. Pre-health coursework varies according to the student's goal, but every student has the choice

of a number of elective courses. These are offered both to enhance pre-professional training and to broaden and deepen the student's education. Students also may participate in research programs, shadowing experiences, and campus and community service opportunities. Many pre-health students also are in Butler's Honors Program. A science major (biology, chemistry, etc.) in the College of Liberal Arts and Sciences requires a minimum of 30 hours of coursework in that department. Regardless of the major area of study, courses in biology, chemistry, and physics are required to adequately prepare the student for success in his or her professional field. Faculty advisors work one-on-one with students to tailor an academic program designed to meet individual needs and career goals. Students' individualized academic schedules will allow them to meet all professional school entrance requirements and prepare them for the nationally administered entrance examinations for health professional schools.

Pre-Law

Butler pre-law students may choose any major. The Law School Admission Council advises that "Law schools want students who can think critically and write well, and who have some understanding of the forces that have shaped the human experience. These attributes can be acquired in any number of college courses, whether in the arts and humanities, the social sciences, or the natural sciences." In addition, courses introducing legal principles may be helpful to students in assessing whether to continue to pursue law. Finally, courses in logic, mathematics, and analytical reasoning may enhance preparation for the Law School Admission Test. Students also may participate in engaged-learning experiences such as our Mock Mediation team, networking events, and internship opportunities in Indianapolis or in the Washington D.C. Learning Semester.

University Honors Program

The CHASE office serves as the administration for the University Honors program. For more information, refer to the Academic Programs section of the Bulletin.

Washington D.C. Learning Semester

The CHASE office serves as the administration for the Washington D.C. Learning Semester, which engages juniors and seniors of any academic discipline in an internship and interdisciplinary coursework. For more information, refer to the Academic Programs section of the Bulletin.

Professional School Advising

CHASE helps students make informed decisions about pursuing a graduate or professional school education. Diverse activities, programs, and services are available to students with an interest in law, medicine, dentistry, optometry, veterinary medicine, theology, and various graduate programs.

The office maintains a library, which includes catalogs from graduate and professional programs, entrance exam preparation materials, career-oriented publications, and alumni placement information. CHASE also offers advising and guidance to students and alumni on the application process, including assistance in selecting programs, preparing personal statements, and obtaining recommendation letters. CHASE staff members serve as advisors to the Pre-Health Society (a recognized chapter of the American Medical Students Association) and the Pre-Law Society. Students interested in pre-health, pre-law, or pre-graduate school advising should contact CHASE early in their academic careers.

Internship and Career Services (ICS)

Gary Beaulieu, Director

Internship and Career Services provides Butler students and alumni with support in development of academic and career opportunities. ICS offers many individualized services to help students explore internship and career options, including help with résumé and cover letter development, practicing interview skills, job or internship searching, and networking with alumni. The office also leads the on-campus employment effort at Butler, which supports more than 900 student jobs and provides students with extra spending money as well as valuable work experience.

ICS offers additional resources. Students who need help deciding on a major or those who wish to look at career options for majors, for example, can do so through individualized career advising or interest assessments such as the Strong Interest Inventory and the Myers-Briggs Type Indicator. Extensive information on a variety of topics involving occupation exploration, résumé development, interviewing, job searching, and networking are found on the ICS website. The office offers a variety of workshop options throughout the academic year to prepare students for the job or internship search. During the school year, many employers seeking interns or full-time employees visit campus to interview

students. For students completing an internship over the summer months in Indianapolis, the Indy Summer Experience program allows them to live on campus and explore the city by participating in cultural activities and visiting local attractions. A complete listing of programs, employers visiting campus, and information about Indy Summer Experience is available on the ICS website at www.butler.edu/ics. To make an individual appointment, contact the office at 317-940-9383 or ics@butler.edu.

Learning Resource Center (LRC)

Jennifer Griggs, Director

The Learning Resource Center is committed to supporting and guiding students as they strive to reach the highest standards of academic excellence. The office serves as a coordination site for services, programs, and resources that promote academic success. Services are designed to assist students who are interested in enhancing their study skills; who wish to explore a variety of academic, intellectual, and professional pursuits; who need help in their coursework; and who need a friendly ear to discuss any problems or concerns they may be experiencing. Students are encouraged to take advantage of these support services early in the semester to increase their chances of success.

For questions and more information, contact the LRC at 317-940-9308 or learning@butler.edu, or visit www.butler.edu/learning.

Academic Transition

The LRC is dedicated to assisting new students as they acclimate to the academic environment of Butler University. The Center plays a collaborative role in coordinating New Student Registration Days, Welcome Week, January Orientation, and other transition-to-college programs.

Academic Success Workshops

Academic Success Workshops provide students with a comprehensive array of strategies and techniques that can assist in meeting the unique demands of college-level academics. Workshop topics may vary from semester to semester, but generally include topics such as time- and self-management, effective study habits, exam preparation, memory enhancement, effective reading, and note-taking strategies.

Academic Success Coaching

Individual sessions are available to students interested in enhancing and refining academic skills. Students will gain insight into areas of academic strength and will identify strategies to address areas of concern. They will work collaboratively with an academic success coach to develop a plan of action to improve academic performance, and they will learn strategies and techniques to aid in approaching their coursework in an active, engaged, and goal-directed manner.

Study Tables and Peer Tutoring

Study tables are group walk-in tutoring sessions that meet regularly at a specified time and place. Individual departments coordinate study tables that are available in a variety of academic disciplines. This service is staffed by student moderators who have been chosen by the faculty based on their performance in the subject area. Students may come and go freely from study tables, where they have access to student moderators for questions and assistance.

Individualized peer tutoring, coordinated through the LRC and requiring the endorsement of the course instructor, allows the student to meet one-on-one with a qualified and recommended peer tutor. This service is provided for a variety of introductory courses on an as-needed basis and is offered to the student for a limited time. The goal of individualized tutoring is to bring students up to speed so that they are able to continue at the same pace as the rest of the class. Before requesting an individual tutor, the following conditions should be met:

- Endorsement by the course instructor is required.
- Student must be attending all classes and laboratories.
- Student must be completing all assignments to the best of his or her ability.
- Student must be attending departmental study tables if available for the subject.
- Student must be working with the course instructor during office hours.

In most cases, individualized tutoring is limited to one or two sessions per week for a limited number of weeks, depending on individual circumstances.

Exploratory Studies Program

Exploratory Studies is a structured program aimed at helping students identify interests, explore academic options, gain exposure to the career-development process, and gather information about majors and careers that

interest them. Students who are undecided or who have multiple interests are encouraged to exercise their intellectual curiosity through a number of programs and classes designed to help students determine their own best course of study. In addition, students receive specialized attention from trained academic advisors who assist the students in their decision-making process. Program services include these:

- Developmental academic advising
- Exploratory Studies class (LC103)
- Workshops and guest speakers
- Self-assessments
- Assistance in setting up job shadowing and informational interviewing opportunities
- Transitional advising for students who desire to change majors or add programs of study

Courses

LC100, Strategies for Success: This course is designed to offer tools and techniques to enhance academic success at the college level. Topics may include time and self-management, effective classroom strategies, goal setting, and academic planning. The course will involve discussion and reflection on the proven strategies for creating greater academic, professional, and personal success. (U)(1) Fall and spring.

LC103, Exploratory Studies: This course is specifically designed for first-year Exploratory Studies majors. Decision making, self-assessment, academic exploration, and career planning are foundational components. The course encourages students to reflect upon assessments, personal values, skills, interests, and decision-making styles while being exposed to various academic fields of study. Students apply this knowledge to investigate suitable career options. (U)(2) Fall.

LC200, Peer Education: A training course for peer educators who participate in the PAWS (Peers Advocating Wellness for Students) or GEAR (Greeks as Educators, Advocates, and Resources) programs, designed to enhance knowledge and skills regarding collegiate health and wellness. Enrollment by permission of the Coordinator for Health Education only. (P/F) (U) (1) Spring.

LC201, Residence Life—College Student Development: A training course for residence assistants, designed to enhance skills in interpersonal communication, community building, programming, and counseling. By permission of the Director of Residence Life only. (P/F) (U)(1) Spring.

LC301, Career Planning Strategies—Foundations for Success: This course is designed to teach lifelong career-planning skills critical to a smooth and successful transition to the workplace. Assignments include résumé composition, practice interviews, and career research. Additionally, students will learn to navigate challenges, while working toward independent career goals. This course is intended for juniors and seniors. (U)(1) Fall and spring.

Student Disability Services (SDS)

Michele Atterson, Director

Butler University is committed to providing equitable access for all members of the University community. For qualified students with disabilities, accommodations and support services are arranged on a case-by-case basis. Written documentation from an appropriate licensed professional should be submitted directly to SDS in Jordan Hall, room 136. SDS staff will arrange an individualized discussion with students seeking services as part of the process for accommodation consideration. For further information, contact SDS at 317-940-9308 or visit www.butler.edu/disability.

Information Technology

Butler University offers a wide variety of technology services, ranging from University computing equipment to systems and network infrastructure, as well as technology consulting and support services for students, faculty, and staff.

Network Infrastructure

The Butler network is a joint effort between Information Technology and Facilities Management that provides voice and data services to the entire Butler campus. The network is accessible by Ethernet and wireless connection and provides connectivity for computers, printers, phones, and other IP-enabled devices. The network supports all generally accepted computing platforms (Macintosh, Windows, Unix/Linux) and is available to all students, faculty, and staff. Use of the Butler network is governed by Butler's Computer Use Master Policy and other regulations. Visit www.butler.edu/it for more information.

Computing Labs

Butler University supports 20 student-computing facilities, several of which are open 24 hours per day during the fall and spring semesters. Standard applications include Microsoft Office, Adobe Creative Suite, and other software. All computer labs have access to Butler's online library resources, printers, and network file storage. Most labs are available for use outside of scheduled class time. Visit butler.edu/it/labs for hours and locations.

Center for Academic Technology

Academic computing resources include the Center for Academic Technology (CAT)—a division of Academic Affairs located in the lower level of Jordan Hall—and the Information Commons, a collaboration between CAT and the Butler Libraries, with locations in Jordan Hall and Irwin Library. Support includes one-on-one consultation and training; small-group training for students, faculty, and staff; faculty/staff development activities; and a lending library of digital tools for faculty and staff. For more information, visit www.butler.edu/cat.

Information Commons

The mission of the Information Commons is to provide student-led support for Butler University students in the academic use of technology. Student-consultants facilitate discovery and creation of information, academic technology assistance and training, library and research assistance, and training in the use of specialized content such as digital video, desktop publishing, social media applications, and Butler's standard technologies, including ePortfolio. Consultants are available in Irwin Library, Jordan Hall, room 037, or by individual appointment. Visit www.butler.edu/information-commons or contact Information Commons at infocommons@butler.edu for more information.

Electronic Resources

All students are provided with a Butler network account that allows access to most of Butler's electronic resources. The most popular services are:

- Email and personal calendaring (BUmail). bumail.butler.edu
- Password management. login.butler.edu
- Moodle—course management. moodle.butler.edu
- MyButler—grades, course registration, student account. my.butler.edu
- BUfiles—network file storage. www.butler.edu/it/bufiles

- Google Apps—collaborate with others. www.butler.edu/it/google-apps
- PrintSmart—print allotments for academic printing needs. www.butler.edu/it/printsmart

Students also have access to networked printers, personal website hosting, and through the library, access to more than 150 subscription-based databases.

Technology in University Housing

All University residences (residence halls and Apartment Village) have wireless and wired-network access as well as 24-hour computer labs. Each room has one connection to the campus cable TV network. Students may supply their own cable-ready TV. Basic cable is provided. Find more information about cable TV service and a full channel lineup at www.butler.edu/it/cabletv.

Students who connect personal computers to the Butler network are required to meet minimum standards by keeping their computer up to date and running a current antivirus program. More information on these standards, as well as computer recommendations, can be found at www.butler.edu/it.

Computer and Software Purchases

Butler provides discounts on a variety of computer hardware and software, including free antivirus software and Microsoft Office for students. Visit the IT website at www.butler.edu/it for more information and links to the online stores.

Print Services

PrintSmart is Butler's print-accountability program. All students receive an allotment of print credits to use for their academic printing needs, and faculty and staff use PrintSmart to print, copy, fax, and scan. Print allotments help make the most responsible use of Butler's printing resources and support our commitment to be environmentally responsible. All students should review the PrintSmart FAQ section in order to understand the allotment program and know what to expect when printing on campus. Visit www.butler.edu/it/printsmart for details.

Technology Support

All Butler technology is supported through the Information Technology Help Desk, which provides phone, email, web, and walk-in support. 317-940-HELP (4357), helpdesk@butler.edu, itrequest.butler.edu, www.butler.edu/it/help, Holcomb Building, room 315.

Learning Assistance

Mathematics Tutoring Lab

The University Core Curriculum requires all students to take a course in Analytic Reasoning. There is a wide range of courses to fulfill this requirement. The Mathematics Tutoring Lab provides free help to students enrolled in prerequisite math courses such as MA101 and MA102, and the core courses AR210-MA, AR211-MA, AR212-MA, MA106, MA125, and MA162. Peer tutors are students majoring in mathematics, actuarial science, and/or mathematics education. The lab is open Monday–Thursday, 2:30–4:30 PM and 7:00–10:00 PM, and Sunday evenings, 7:00–10:00 PM. The lab is located in Jordan Hall, room 272C, and is the longest-running tutoring lab on campus. Appointments are not required. For more information, call the Department of Mathematics and Actuarial Science at 317-940-9521 or 317-940-9441.

Modern Language Center

The Modern Language Center (MLC) is a multilingual facility to advocate and support second language and culture acquisition. The MLC (Jordan Hall, room 391) includes a comprehensive foreign-feature and instructional film collection, a large group-viewing area, film viewing stations for individuals, computers, a Smart Board, gaming systems (DS, Wii, etc.) with games in a variety of languages, and more. In addition to state-of-the-art facilities, the MLC hosts a number of activities including study tables, movie nights, and karaoke club to promote learning about language and culture. The MLC staff is trained in academic technology and research methodology to support all facets of language learning and teaching at Butler.

Speakers Lab

The Speakers Lab is a peer-to-peer tutoring organization that provides assistance in creating and delivering oral presentations. Speakers Lab tutors also engage the community by volunteering with Girls Inc. Located in the Fairbanks Building, rooms 140 and 250, the Speakers Lab is open Sunday–Thursday to assist students by walk-in or appointment. Services include topic selection, research, outlining, organization, and delivery. For more information, visit www.butler.edu/speakers-lab or contact Allison Harthcock at aharthco@butler.edu.

Writers' Studio

Writing is essential to intellectual life, the learning process, and professional development.

University study involves communicating ideas, analysis, and information across a wide range of subjects and disciplines. Peer tutors are available to help other students at any point in the writing process. Assistance is available to generate ideas for writing, develop those ideas, and work on documentation, style, and editing. Hours are generally 10:00 AM–8:00 PM, Monday–Thursday; 10:00 AM–2:00 PM on Friday; and 3:00–6:00 PM on Sunday. Students may either stop by the Writers' Studio in Jordan Hall, room 304, or contact the studio for an appointment at 317-940-9804 or writers@butler.edu. Additional writing resources and online tutorials are available at www.butler.edu/writers-studio.

Butler University Libraries

Julie Miller, Dean

The Butler University Libraries make available the materials needed to support study, teaching, and research in all areas of intellectual endeavor pursued at Butler. There are two libraries on campus. The Irwin Library includes the business, education and curriculum resources, liberal arts, and performing and fine arts collections. The Ruth Lilly Science Library houses materials supporting studies in the fields of computer, mathematics, pharmaceutical, physical, biological, and behavioral sciences. The combined holdings of the Butler Libraries include approximately 100,000 e-books, 200 databases, 35,000 electronic journal subscriptions, 350,000 print materials, 16,000 audiovisual materials, and more than 17,000 musical scores.

Library faculty are available to offer individual research assistance through walk-up assistance at the libraries' information desks, via instant messaging at buanswers.butler.edu, by phone at 317-940-9235, and by appointment. Librarians also collaborate with assigned colleges and departments to provide discipline-specific, classroom instruction on library research skills. In addition, students can obtain basic research and technology support for their classes by visiting or contacting the Information Commons. This is a student-staffed, class support service in which students can receive basic research help or technology training related to their classes. The Information Commons service includes a walk-up desk in Irwin Library; numerous online communication options (texting, IM, email, and phone); and prearranged appointments.

The libraries' website, www.butler.edu/library, serves as a portal to the libraries' online and print collections and provides details about services, staff, policies, and hours. One place to start one's

research is at the subject LibGuides directory. Created by library faculty, LibGuides are available based on subject areas, Butler majors, and specific Butler classes.

Irwin Library

Dedicated in memory of William G. Irwin, a longtime benefactor of Butler University, Irwin Library provides seating for about 400 students at study tables, individual study carrels, and group/individual study rooms. Collaborative learning spaces are available where students can move soft seating to facilitate group work. Irwin Library provides access to desktop PCs and Macs, maintains a computer lab in the Information Commons area, offers laptops and iPads for checkout, and supports wireless access throughout the building. The lower level also houses a rich-media room, where students can record and edit audio and video presentations.

The Hugh Thomas Miller Rare Books and Special Collections Room, located on the library's third floor, houses early or rare books, prints, manuscripts, scores, maps, newspapers, and memorabilia. Special collections include the largest English-language collection about the Pacific Islands in the mainland United States and the most important Sibelius collection outside of Finland. This department also administers the University Archives and the Eliza Blaker Room.

Lilly Science Library

The Ruth Lilly Science Library is located in the heart of the Butler University science complex, on the second and third floors of the Holcomb Building. Comfortable furnishings and a skylight on the third floor create a pleasant and quiet atmosphere for research and study. The library can seat approximately 100 users, provides access to desktop PCs, offers laptops for checkout, and supports wireless access.

In addition to printed materials, the library maintains extensive DVD/video collections and provides online access to numerous science and technology databases. The library and its services are available to the entire Butler community. A science librarian is available weekdays for assistance.

Center for Faith and Vocation (CFV)

Daniel Meyers, Director

The Butler University Center for Faith and Vocation in the "Blue House" across from the Schrott Center on Sunset Avenue provides a place where all people at Butler discover lives of purpose, meaning, and contribution. The Center is rooted in Butler's belief that reflection on spiritual questions and commitments can support this discovery. We encourage open discussion, curiosity, and respect for the diverse and distinct views people bring to our campus community.

As part of vocational reflection for students, we provide internships, one-on-one advising, salon-style conversations, and service projects. Butler faculty and staff are involved too, taking part in workshops to learn how to help their students understand what they are called to do with their lives.

The CFV is also the home and a source of support for the many communities that together compose the multifaith religious landscape at Butler. There are numerous student religious organizations, such as the Butler Catholic Community, Hillel at Butler, the Butler Muslim Students Association, as well as the Secular Student Alliance. In addition to the Orthodox Christian Fellowship, there are many protestant communities, including Cru, Young Life, Grace Unlimited, and several others.

The primary goals of the CFV include helping students have access to spiritual and religious resources and community of all kinds as well as encouraging students to utilize their time at Butler as a season of discernment and reflection on their passions and future contributions.

For more information, contact Daniel Meyers, dgmeyers@butler.edu, or visit www.butler.edu/cfv.

Center for Urban Ecology (CUE)

Julia Angstmann, Director

The vision of the CUE is to be a national leader in the study and practice of urban ecology. CUE's mission is to innovatively explore, steward, and enhance urban ecosystems. In the liberal arts tradition, we view urban ecology as inherently interdisciplinary and aspire to create a culture within Butler and in the city of Indianapolis that recognizes the fundamental importance of ecological knowledge for a sustainable society.

The CUE operates with a foundation in ecological science and facilitates interdisciplinary research and education, place-based projects, and public outreach by creatively engaging Butler students, faculty, staff, and community partners.

CUE activities include:

- Internships that place students with our campus and community partners for real-world experiences
- Interdisciplinary research projects sponsored by faculty and CUE staff
- Service projects on campus and in the community
- Outreach programs with local nonprofit organizations, governments, and schools
- Campus sustainability initiatives

For more information, visit www.butler.edu/cue or email cue@butler.edu.

Butler Institute for Research and Scholarship (BIRS)

Taura Edwards, Director

The Butler Institute for Research and Scholarship serves as the University's office of sponsored programs and research integrity. Students interact with BIRS primarily through its research integrity programs, including the Responsible Conduct of Research component and the Institutional Review Board. All students who participate in research undertaken through a grant from the National Science Foundation and the National Institutes of Health are required to undergo Responsible Conduct of Research training. Butler uses the Collaborative Institutional Training Initiative, an online program that administers training modules to ensure compliance with federal research guidelines. All faculty, students, and staff who employ research methodologies requiring oversight, including working with human subjects involving quantitative or qualitative data, are directed to the BIRS to complete the required application. More information about Butler's research compliance programs can be found at www.butler.edu/birs.