



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 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. Our core curriculum apprises students of the great ideas and dilemmas of human civilization across different times and cultures at the levels of self, community, and world. The human capacities our students develop in the core's educational experience are general and, hence, can be put to use in all parts of their lives. Intellectual capacities provide understanding of the nature of ourselves and of the natural and social world in which we live. Moral and ethical capacities help us discern what is good, and pursue such principles as justice, fairness, kindness, and service. Aesthetic capacities enable us to take pleasure in beauty and also see relationships among form, pattern, harmony, and shape.

Created in 1945, the core curriculum is one of Butler's oldest academic landmarks. 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 was implemented in fall 2010 and is required for all baccalaureate and associate degrees. All Butler students, no matter their major field of study, complete the core curriculum.

Students are expected to consult with their academic advisor prior to registration each semester to plan ways of fulfilling the core curriculum requirements, and to fully engage with the learning opportunities in core courses. For more information on the core curriculum, please see www.butler.edu/core.

Core Curriculum for Students Matriculating at Butler in Fall 2010 or After

The core curriculum consists of several key components, all of which must be fulfilled prior to graduation.

These key components are:

- The First Year Seminar: Self, Community and World (6 credit hours)

- Global and Historical Studies (6 credit hours)
- Areas of Inquiry: These requirements are designed to provide students with a solid introduction to a variety of intellectual fields and a diversity of learning experiences. Students are required to successfully complete one course in each Area of Inquiry; the number of credit hours required is listed. Students select courses to fulfill each Area of Inquiry from approved course lists presented in the online Course Search each semester and identified by the nomenclature for each area.

The six Areas of Inquiry are:

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

In order to ensure academic quality and integrity, some core curriculum requirements may only be satisfied by taking courses at Butler University. Other core curriculum requirements have provisions which allow for completion via transfer credit, AP, or other exemptions. Details are found under each requirement below.

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 and retrieval.

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 administers 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 program during their first year at Butler.

Exemptions: None.

Course Structure: A two-semester sequence taken in the first year.

Learning Objectives:

- 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.
- Express themselves clearly and persuasively in exposition and in argument, in both written and oral forms.
- 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 the investigation of and reflection about cultures different from their own, especially non-western cultures. Students explore these cultures using a variety of sources and disciplines drawn from the arts, the humanities, and the social and natural sciences. Students learn to recognize both the benefits and challenges of living in a culturally diverse and increasingly globalized world, and continue to develop the skills of expository writing introduced in the First Year Seminar.

All students are required to complete two semesters of GHS201-209 (six credit hours), ideally during their sophomore year. One semester of Global and Historical Studies is automatically waived for international students. Other exceptions require the approval of the faculty director of Global and Historical Studies.

Course Structure: Two courses taken in the second year, chosen from a limited selection of three-hour courses. Students may not take both GHS203 and GHS209 to complete their Global and Historical Studies requirement. Any other combination of courses is allowed.

Exemptions: If a student studies abroad in a Butler-approved program AND completes

nine or more credit hours of coursework while abroad, the student automatically receives a one-semester/three-credit-hour waiver from GHS.

Learning objectives:

- To employ a conceptual framework for global and historical studies which appreciates cultures as dynamic, heterogeneous, and constantly in conversation with one another.
- To draw on a variety of sources and disciplines—including the arts, the humanities, and the social and natural sciences.
- To recognize both the benefits and challenges of living in a culturally diverse and increasingly globalized world.
- To continue development of skills of expository writing.

Areas of Inquiry

Analytic Reasoning (AR)

Course Structure: A menu of three-credit-hour courses to be taken in the first or second year.

Exemptions: Exempt for students who have completed at least five credit hours of mathematics or computer sciences courses above algebra and pre-calculus; students in professional colleges (COPHS or COB) with college mathematics requirements; or students receiving a 4 or higher on the AP exam for Calculus AB, Calculus BC, Computer Science A, Computer Science B, or Statistics.

Learning Objectives:

- To develop capacities for quantitative and analytic reasoning.
- To understand the centrality of these capacities to the natural and social sciences.
- To 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; or students receiving a 4 or higher on the AP exam for Biology, Chemistry, Environmental Science, Physics B, or Physics C (Electricity and Magnetism or Mechanics).

Learning Objectives:

- To gain awareness of some significant scientific theories and achievements, and to recognize how they are related both to other areas of science and to our understanding of broader societal issues.
- To develop an understanding of the methods of natural science and a capacity to reason scientifically.
- To 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:

- To develop cognitive and affective appreciation for the process and products of artistic creation.
- To participate actively in the creation of an artistic product.
- To reflect on the nature and sources of aesthetic value.
- To develop habits of participation in artistic and cultural events that will lead to lifelong engagement within 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 any time in the first through fourth years.

Exemptions: None.

Learning Objectives:

- To develop lifelong habits of good health and physical activity.
- To 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; international studies; journalism; organizational communication

and leadership; media, rhetoric and culture; strategic communication; political science; sociology; economics; psychology; STS; communication science and disorders; or majors in the College of Education; or students receiving a 4 or higher on the AP exam for Economics-Macro, Economics-Micro, or Psychology.

Learning Objectives:

- To study selected questions about human beings and the social, cultural, economic, and political world in which they are embedded.
- To develop an understanding of the variety of quantitative and qualitative research methods social scientists use to study the social world.
- To 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; or students receiving a 4 or higher on the AP exam for English Composition and Literature.

Learning Objectives:

- To 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.
- To 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 by specific nomenclature:

Writing Across the Curriculum Requirement (W)

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 Writing across the Curriculum requirements will be designated with a “W” suffix.

Exemptions: None.

Learning Objectives:

- To refine habits conducive to good writing developed at earlier stages in core education and education in the major.
- To 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 (C)

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 are designated with a “C” suffix.

Exemptions: The Speaking across the Curriculum requirement is suspended for students matriculating between Fall 2010 and Spring 2012.

Learning Objectives:

- To develop oral communications skills in the context of course- and discipline-specific materials.
- To use oral communications assignments to aid students in mastery of course- and discipline-specific content.

The Speaking Across the Curriculum (C) requirement is suspended for students matriculating between fall 2010 and spring 2012” (approved by Faculty Senate, Nov. 27, 2012). Students who matriculated (started) at Butler fall 2012 and after must fulfill Speaking Across the Curriculum (C) as a graduation requirement.

Indianapolis Community Requirement (I or S)

The Indianapolis Community Requirement (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 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, develop intercultural competencies, and foster civic-mindedness. 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.

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:

- To have an active learning experience that integrates classroom knowledge with activities in the Indianapolis community.
- To use an experience in Indianapolis to further the individual student’s understanding of the nature of community and the relationship between community and his or her self.
- To further students’ commitment to service and ongoing involvement as community actors.

Butler Cultural Requirement

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 (BCR) 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 their 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:

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

Core Curriculum for Students Matriculating at Butler Before Fall 2010

The core curriculum for students matriculating at Butler University before fall 2010 consists of two parts: general requirements and distribution requirements.

1. General requirements

First Year Seminar

Students may fulfill the former “Freshman English” requirement (EN102, Freshman Writing Seminar and ID103, Humanities Colloquium) with the First Year Seminar requirement by completing FYS101 (three credit hours) and FYS102 (3 hours).

Students assigned to EN101, Writing Tutorial, must enroll in EN101 during their first semester at Butler, taking EN101 and FYS101 concurrently. Some students also may be required to take EN101 concurrently with FYS102, contingent upon student performance in EN101 or FYS 101.

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 requirement with a total of not fewer than six transferred semester hours.

Speech

Students who substitute AP, transfer, or other credit for one or both of FYS101 and FYS102 are required to pass COM101, Rhetoric and the American Democracy (three credit hours), during the first year. A student may become exempt by demonstrating a degree of proficiency in public speaking and rhetorical analysis determined by the College of Communication or by approved participation on the forensics team.

Global and Historical Studies/ Formerly Change and Tradition

Students may fulfill the former Change and Tradition (ID201-202) requirements with two Global and Historical Studies courses. All students are required to complete two semesters of GHS201-209 (six hours), ideally during their sophomore year. One semester of Global and Historical Studies is automatically waived for international students and for students who complete nine or more hours of Study Abroad. Other exceptions require the approval of the faculty director of Global and Historical Studies.

Physical Well Being/Formerly Physical Education

Students may fulfill the former Physical Education requirement (PE101, Lifetime Fitness, and PE102, Physical Activity) with any Physical Well Being course.

2. Distribution requirements

Students satisfy the distribution requirements by completing one course in each of the five divisions, except the division of his or her primary major. A student is exempt from the distribution requirement in the division of his/her primary major. For the purpose of satisfying the distribution requirement, students majoring in the College of Business or the College of Education are considered majors in Division 3, Social Sciences. Students majoring in the College of Pharmacy and Health Sciences are considered majors in Division 4, Natural Sciences.

The following restrictions must be observed:

- Unless otherwise noted, only the courses listed as follows may be counted toward a fulfillment of the distribution requirements.
- A student may not fulfill the distribution requirement with a course offered by the department of his/her primary major.
- A student may not fulfill the distribution requirement with more than one course offered by the same department.
- Students with double or split majors are exempt from only one of their major divisions in the distribution requirement.

- Distribution courses in divisions one through four, except PS201 and some 300-level PL and RL courses, do not have other courses as prerequisites. However, students should consult their advisors to determine the best order in which to take core courses.
- Prior to fulfilling the Division 5 requirement, all students shall demonstrate proficiency by passing:
 - 1) A placement examination given by the Department of Mathematics and Actuarial Science; or
 - 2) An appropriate algebra or pre-calculus course. This requirement must be completed during the first year.

Students should work with their advisors to determine which current courses are appropriate to satisfy core courses.

Academic Programs

Today, students discover Butler's challenging learning environment, a wide range of academic programs steeped in the liberal arts, and excellent career and graduate school preparation. Butler offers more than 60 major academic fields of study in six colleges: 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, forestry, 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

	College
Accelerated Alternate Program in Initial Licensure in Mild Interventions	COE
Accounting, B.S., MPA	COB
Actuarial Science, B.A., B.S.	LAS
Anthropology, B.A.	LAS
Anthropology and Psychology, B.A.	LAS
Art + Design, B.A.	JCA
Arts Administration	JCA
B.S. in Arts Administration	
B.S. in Dance—Arts Administration	
B.S. in Arts Administration—Music	
B.S. in Arts Administration—Theatre	
Biology, B.A., B.S.	LAS
Business Administration, MBA	COB
Chemistry, B.A., B.S.	LAS
Classical Studies, B.A.	LAS
Communication Sciences and Disorders, B.A.	CCOM
Computer Science, B.A., B.S.	LAS
Creative Writing, M.F.A.	LAS
Criminology, B.A.	LAS
Criminology and Psychology, B.A.	LAS
Dance	JCA
B.F.A. in Dance—Performance	
B.A. in Dance—Pedagogy	
B.S. in Dance—Arts Administration	
Digital Media Production, B.A.	CCOM
Economics, B.A., B.S.E.	LAS, COB
Educational Administration, M.S. (EPPSP)	COE
Effective Teaching and Leadership, M.S. (METL)	COE
Elementary Education, B.S.	COE
English, B.A.	LAS
English Writing	
Theory, Culture and Criticism	
English, M.A.	LAS
English, M.F.A.	LAS
Entrepreneurship and Innovation, B.S.	COB
Finance, B.S.	COB
French, B.A.	LAS
Gender, Women and Sexuality Studies, B.A.	LAS
General Program, A.A., A.S.	LAS
German, B.A.	LAS
Graduate Initial Licensure Program (GILP)	COE
History, B.A., M.A.	LAS
History and Anthropology, B.A.	LAS
History and Political Science, B.A.	LAS
Individualized Major, B.A., B.S.	LAS
International Business, B.S.	COB

Recording Industries Studies	Spanish
Religion	Special Education— Mild Interventions
Risk Management and Insurance	Strategic Communication:
Science, Technology, and Society	Public Relations & Advertising
Sociology	Theatre

Graduation Honors

Butler University offers two types of graduation honors—University and departmental. Students may graduate with University honors, departmental honors, or both. To be eligible for these honors, 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 of 3.70, or both an average of 3.50 and completion of the University Honors Program.

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

Summa cum laude—a Butler cumulative grade point average 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 grade point average of at least 3.60 in the academic major (not awarded to students receiving their degree cum laude).
- “in (major) with high honors” is awarded to a nominee who has a grade point average 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 grade point average 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 five 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 credits) with a cumulative grade point average 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 (HN397, 398)

Typically taken during spring semester of the penultimate academic year, the product of the course 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.

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 only satisfy the requirement for FYS101. Completion of HN111 alone (four credits) will only satisfy the requirement for CC102 or FYS102 (three 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 only satisfy 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.

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. 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 of 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. 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 of 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. Fall and spring.

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

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, 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.

International Exchange Programs

Reciprocal exchanges provide an opportunity 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 (ISEP). 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 several premier universities in other countries including Australia, New Zealand, Canada, Wales, The Netherlands, Germany, France, Spain, Switzerland, Chile, Brazil, Turkey, China, Hong Kong, Taiwan, and Japan. 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, D.C. ISEP is a worldwide network for international education, consisting of 340 institutions from more than 35 different 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 and 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 over 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.

Domestic Off-Campus Programs Semester Away Programs Washington Learning Semester

Butler University runs a semester-long program in Washington, D.C., 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 D.C. experience, such as “The

Public Arts of Washington, D.C.” and “Foreign Policy.” 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.

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 student’s academic and professional interests. Prerequisites: Admission to the D.C. Program, second semester sophomore standing, upper level work in the field, and approval by academic advisor. (U)(0) Fall and spring.

DC301, Washington, D.C. Seminar:

Offered in D.C., 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 Program. Approval by program coordinator required. Seminar is repeatable for credit. (U)(1) 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. For more information on being part of the Army ROTC program please contact: (317) 274-2691; fax: (317) 274-0069; email: gorotc@butler.edu; or website: 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 (100-400 levels) courses 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. For more information about the Air Force ROTC program, please contact (800) IUB-ROTC or 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 and 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 and 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.

RZ202, Leadership and Teamwork:

Draw on the various components of values, communications, decision making, and leadership to learn about the unique purpose, roles, and obligations of commissioned officers. The capstone case study traces the Army's involvement from the Vietnam War to the present. Leadership labs, physical training sessions, and a weekend field training exercise are optional, but highly encouraged. (U)(2) Spring.

RZ301, Leadership and Problem Solving:

Build leadership competencies and prepare for success at the National Advanced Leadership Camp and as a commissioned officer. Practical opportunities to lead small groups and receive

personal assessments make up the leadership development program. Instruction in troop leading procedures is emphasized. Periodic leadership labs, physical training sessions, and a weekend field training exercise are mandatory course requirements. (U)(3) Fall.

RZ302, Leadership and Ethics: Examine the importance of ethical decision making in setting a positive climate that enhances team performance. Training also includes small unit battle drills, road marches, combat water survival, confidence course, and tactical reporting. Periodic leadership labs, physical training sessions, and a weekend field training exercise are mandatory course requirements. (U)(3) Spring.

RZ401, Leadership and Management: Begin the transition from cadet to lieutenant. Focus on attaining knowledge and proficiency in several critical areas to operate effectively as Army officers. Coordinate activities, manage training, and lead the cadet battalion. Periodic leadership labs, physical training sessions, and a weekend field training exercise are mandatory course requirements. (U)(3) Fall.

RZ402, Officership: This course completes the transition from cadet to lieutenant. Topics include the legal aspects of leadership, administrative and logistical management, and reporting to a new unit. A capstone exercise challenges cadets to solve problems commonly faced by junior officers. Periodic leadership labs, physical training sessions, and a weekend field training exercise are mandatory course requirements. (U)(3) Spring.



AREAS OF DISTINCTION

The Butler Institute for Research and Scholarship (BIRS)

Administration

Theresa Bailey, PhD., director

The Butler Institute for Research and Scholarship (BIRS) 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 (RCR), the Institutional Review Board (IRB), the Institutional Animal Care and Use Committee (IACUC), Conflict of Interest, Exports Control, Intellectual Property and the Institutional Health and Safety Committee (IHSC). 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 (CITI), an online program that administers training modules targeted by user 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 for IRB, IACUC or IHSC review. More information about Butler's research compliance programs can be found on its website at www.butler.edu/birs.

Center for Citizenship and Community (CCC)

Butler University's Center for Citizenship and Community (CCC), founded in 1996, facilitates civic engagement for Butler students, faculty, and staff and serves to create innovative academic learning experiences that extend Butler classrooms into the Indianapolis community—to the benefit of students, the university, and community alike. The CCC coordinates the Indianapolis Community Requirement (ICR), 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 enhance their academic learning while becoming better citizens of their communities and of the world.

The center's activities include:

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

For more information, contact: Donald Braid, director, Center for Citizenship and Community, Butler University, 4600 Sunset Ave., Indianapolis, IN 46208-3485, (317) 940-8353, dbraid@butler.edu, or visit our website at www.butler.edu/centerforcc.

Center for Faith and Vocation (CFV)

The Butler University Center for Faith and Vocation at the Blue House 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 religious and 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. Students can experience 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. Also, the Center for Faith and Vocation is home to diverse student religious organizations, from the Butler Catholic Community, to Hillel at Butler, and the Butler

Muslim Students Association. There are diverse evangelical groups such as Campus Crusade, Young Life, Grace Unlimited, and Orthodox Christian fellowships. We encourage students to form new religious groups and support them in networking with the wider religious communities of Indianapolis.

For more information, please contact Judith Cebula, (317) 923-7253, jcebula@butler.edu, or visit our website at www.butler.edu/cfv.

Center for Global Education

The Center for Global Education (CGE) 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, please contact CGE Director Monte Broaded (Jordan Hall, Room 212; (317) 940-8312; mbroaded@butler.edu) or Associate Director Jill McKinney (Jordan Hall, Room 212; (317) 940-8473; jsmckinn@butler.edu), or visit CGE's website at www.butler.edu/global-education.

The Center for High Achievement and Scholarly Engagement (CHASE)

The CHASE office 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-

wide honors program, programs to support undergraduate research and creative activity, domestic semester-away programs, advising for graduate and professional school, and advising for nationally competitive scholarships and fellowships.

For more information, please contact Judith Harper Morrel, executive director of CHASE, in Jordan Hall, Room 253; (317) 940-9723; chase@butler.edu; or visit our website at www.butler.edu/chase.

The Center for Urban Ecology (CUE)

The vision of the CUE is to be a national leader in the study and practice of urban ecology. 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 mission of the CUE is to innovatively explore, steward and enhance urban ecosystems.

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 the CUE staff.
- Service projects on campus and in the community.
 - Outreach programs with local nonprofit organizations, local governments and local schools
 - Campus sustainability initiatives.

For more information, please contact Timothy Carter, director, at (317) 940-6506, tcarter@butler.edu, or visit our website at www.butler.edu/cueb.



ACADEMIC ENHANCEMENT PROGRAMS AND RESOURCES

The Center for High Achievement and Scholarly Engagement (CHASE)

Administration

Judith Harper Morrel, Ph.D., executive director

The CHASE office, located in Jordan Hall, Room 153, 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-wide honors program, programs to support undergraduate research and creative activity, domestic semester-away programs, advising for graduate and professional school, and advising for nationally competitive scholarships and fellowships. Additional information about any of the CHASE-sponsored programs is available on the CHASE website at www.butler.edu/chase or by emailing chase@butler.edu.

Undergraduate Research and Creative Activity

With support from the Holcomb Endowment and the Fairbanks Foundation, the Programs for Undergraduate Research (PUR) Committee and the CHASE office 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 of all disciplines 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. This is a wonderful opportunity for students to experience a close working relationship with a member of the faculty, and 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 over 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.

Graduate and Professional School Advising

The CHASE office helps students make informed decisions about pursuing a graduate or professional school education. A diverse array of 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 catalogues 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 the CHASE office early in their academic careers.

- **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. The 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 at Butler 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. Trained 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 Admissions Test. Students also may participate in engaged-learning experiences such as internship opportunities in Indianapolis or in Washington, D.C., through the Washington Learning Semester.

- **Pre-seminary**

Butler offers a wide range of advising services to pre-theological students through the Center for Faith and Vocation or the Department of Philosophy and Religion.

Nationally 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. 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, please visit the CHASE website or contact the CHASE office at chase@butler.edu.

Internship and Career Services Administration

Gary Beaulieu, director

The Internship and Career Services (ICS) office provides Butler students and alumni 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, practice interviewing skills, job or internship searching, and networking with alumni. The office also leads the on-campus employment effort at Butler. With over 900 student jobs, working on campus is a great way to earn some extra spending money while gaining valuable work experience.

ICS offers additional resources as well. 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 MBTI. 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 open positions. 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 are available on the ICS website at www.butler.edu/ics. To make an individual appointment, please contact us at (317) 940-9383 or by email at ics@butler.edu.

Learning Resource Center Administration

Jennifer Griggs, director

The Learning Resource Center (LRC) is committed to supporting and guiding students as they strive to reach the highest standards of academic excellence. It 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. LRC services are available to Butler students at no cost.

Academic Transition

The Learning Resource Center 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 registration, 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 the following:

- Time and self-management.
- Effective study habits.
- Exam preparation.
- Memory enhancement.
- Effective reading and note-taking strategies.

Academic Success Coaching

Individual Academic Success Coaching sessions are available to any Butler student 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. Students will work collaboratively with an academic success coach to develop a plan of action to improve academic performance. Students will learn strategies and techniques to aid in approaching their coursework in an active, engaged, and goal-directed manner.

Study Tables and Tutoring

Butler students have access to multiple resources that can assist them with coursework. Through departmental study tables and individualized peer tutoring, students have the opportunity to interact with peers who previously have mastered the material and understand the challenges that each subject presents.

Study Tables are group walk-in tutoring sessions that meet at a specified time and place on a regular basis. Each department coordinates study tables and students are notified of the schedule within the first two weeks of each semester. 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. The Study Table program is available in a variety of academic disciplines. Study

Table schedules are available to students via their professors, the Learning Resource Center website (www.butler.edu/learning), as well as in the Learning Resource Center office (Jordan Hall, Room 136).

Individualized peer tutoring is coordinated through the Learning Resource Center and requires the endorsement of the course instructor. Individual tutoring allows the student to meet one-on-one with a qualified and recommended peer tutor. This service is provided on an as-needed basis and is offered to the student for a limited time. The goal of individualized tutoring is to bring the student 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 through the Learning Resource Center, the following conditions should be met:

- Endorsement by the instructor of the course is required.
- Student must be attending all classes and laboratories.
- Student must be completing all assignments to the best of his/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.

If the student has met the above conditions and is referred to the Learning Resource Center for tutoring by the course instructor, the center will pay for the service. 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 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:

- Developmental academic advising.
- Exploratory Studies class (LC103).

- Workshops and guest speakers.
- Self assessments.
- Assistance in setting up job shadowing and informational interviewing opportunities.
- Transitional counseling for students who are in the process of changing majors.

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 & 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) program, 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 & SPRING

Student Disability Services

Administration

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 through Student Disability Services (SDS). Written documentation from an appropriate licensed professional should be submitted directly to SDS in Jordan Hall, Room 136. An individualized discussion will then be arranged by SDS staff as part of the process for accommodation consideration. For further information, contact SDS at 940-9308 or 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 myriad 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 policy. 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 www.butler.edu/labs for hours and locations.

Center for Academic Technology

Academic computing resources include the Center for Academic Technology, a division of Academic Affairs located in the lower level of Jordan Hall, and Information Commons, a collaboration between the Center for Academic Technology 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/it/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. They 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. Student-consultants are available in the Irwin Library, the Information Commons in Jordan Hall, Room 037, or by individual appointment. Visit www.butler.edu/information-commons or email 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 listed below.

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

- BUconnect—access BUfiles from anywhere.
buconnect.butler.edu
- Google Apps—collaborate with others.
www.butler.edu/it/google-apps
- PrintSmart—print quotas and environmental impact.
www.butler.edu/it/printsmart

Students also have access to networked printers, personal website hosting, and, through the library, access to 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.

Students who connect personal computers to the Butler network are required to meet minimum standards by keeping their computer up-to-date and running an updated 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. Visit the IT website at www.butler.edu/it for information and links to the online stores.

Printing and PrintSmart

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 Frequently Asked Questions 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 technology is supported through the Information Technology Help Desk. The Help

Desk provides phone, email, web, and walk-in support for all Butler technology services.

Help Desk Contact Information

Phone: (317) 940-HELP (4357)

Web: itrequest.butler.edu

Email: helpdesk@butler.edu

Walk-in: Holcomb Building, Room 315
www.butler.edu/it/help

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 core 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, from 2:30 to 4:30 p.m. and 7–10 p.m. and Sunday evenings from 7 to 10 p.m. The Mathematics Tutoring Lab is located in Jordan Hall, Room 272C and is the longest-running tutoring lab on campus. Appointments are not required; students may drop in any time the Tutoring Lab is open. More information can be obtained by calling 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 tutor tables, movie nights, and karaoke club to promote language and culture learning. 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, tutors are available Sunday–Thursday to assist students by walk-in or appointment. Services include topic selection, research, outlining, organization, and delivery. For more information, visit their website at www.butler.edu/speakers-lab or contact Director Kristen Hoerl at khoerl@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. The services of the Writers' Studio are free of charge. Hours are generally 10 a.m.–8 p.m., Monday–Thursday; 10 a.m.–2 p.m. on Friday; and 3–6 p.m. on Sunday. Students may either stop by the Writers' Studio in Jordan Hall, Room 304, call for an appointment at (317) 940-9804, or email writers@butler.edu. Additional writing resources are available at www.butler.edu/writers-studio, as well as information regarding Writers' Studio online tutorials.

Butler University Libraries

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 www.butler.edu/library/ask, 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 where 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. A great 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

The Irwin Library opened for service on Sept. 9, 1963. It was dedicated in memory of William G. Irwin, a longtime benefactor of Butler University and member of the Board of Trustees. World-famous architect Minoru Yamasaki designed the building in a unique blending of Middle Eastern, Classical Greek, Italian Gothic, and Japanese influences. Slender columns of pre-cast concrete, an expanse of arched windows, an atrium open to all three stories set off by cylindrical chandeliers and a skylight above, and a fountain and pool on the main level create a unique study environment.

The 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 is located on Irwin Library's third floor. Early or rare books, prints, manuscripts, scores, maps, newspapers, and memorabilia can be found here. 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 Science 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.