



University Bulletin

Undergraduate Degree Programs

Penn State Brandywine

Penn State Brandywine, about 20 miles west of Philadelphia, is a commuter campus with convenient public transportation access. The campus includes classrooms, administrative and faculty offices, computer labs, and other areas throughout its major buildings: Main Building, the Classroom Building, the Commons/Athletic Center, and the John D. Vairo Library.

The campus serves a diverse population of students, both traditional and adult, who are from Pennsylvania, the United States, and other countries. Students can participate in sports teams for varsity, intramural, and club sports. Extracurricular clubs and organizations are available to serve the interests of students. The campus also has strong ties with the surrounding communities.

Penn State Brandywine offers baccalaureate and associate degree programs, as well as the first two years of more than 160 Penn State baccalaureate programs. Students can begin their education at Penn State Brandywine and move on to the University Park campus or other appropriate Penn State campus in order to complete their degree. Check the links along the side for available academic programs.

Baccalaureate Degrees

American Studies

Abington College (AMSAB)

Penn State Harrisburg (AMSCA)

University College (AMSCC): Penn State Brandywine, Penn State Worthington Scranton
PROFESSOR DEBORAH CLARKE, *Director*

This interdisciplinary major administered by the Department of English is designed to provide students with an integrated and critical knowledge of American culture, drawing on courses in American Studies and in the traditional disciplines and culminating in two senior seminars. A number of interests may be pursued within the major, including popular culture, art, technology, business, law, archives, museology, and conservation. The major helps prepare students for careers in business, teaching, government, and a number of other areas, and for enrollment in law and other professional programs.

For entrance into the major, the following must be met:

1. At the end of the sophomore year, any student in good standing may gain entrance into the major without having completed specific courses.
2. Any student seeking entrance during the fifth semester will be granted entrance at the discretion of the American Studies Committee and/or Director following evaluation of the student's record.
3. Any student seeking entrance during or after the sixth semester will be expected to have completed at least 12 credits, which may be counted toward the major in American Studies.

For the B.A. degree in American Studies, a minimum of 123 credits is required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 21 credits

BACHELOR OF ARTS DEGREE REQUIREMENTS: 24 credits

(3 of these 24 credits are included in the REQUIREMENTS FOR THE MAJOR, GENERAL EDUCATION, or ELECTIVES and 0-12 credits are included in ELECTIVES if foreign language proficiency is demonstrated by examination.)

(See description of Bachelor of Arts Degree Requirements in this bulletin.)

REQUIREMENTS FOR THE MAJOR: 33 credits [1](#mnote01)

PRESCRIBED COURSES (6 credits)

AM ST 491W(6) (Sem: 5-8)

ADDITIONAL COURSES (3 credits)

AM ST 100 GH(3) or AM ST 100W GH(3) (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (24 credits)

(Include 12 credits at the 400 level distributed in at least two of the areas.)

Select 9 credits in each of two of the following areas; select 6 credits in one other of the areas: (Sem: 3-8)

- a. American literature
- b. American history
- c. American art, philosophy, and religion (humanities)
- d. American social sciences

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Summer Session 1995

Blue Sheet Item #: 23-05-120

Review Date: 4/23/04

UCA Revision #2: 7/26/07

AB

Business

Abington College (BSBAB)

Altoona College (BSBAL)

Berks College (BSBBL)

University College (BSBCC): Penn State Beaver, Penn State Brandywine, Penn State DuBois, Penn State Fayette, Penn State Hazleton, Penn State Lehigh Valley, Penn State Mont Alto, Penn State Greater Allegheny, Penn State New Kensington, Penn State Schuylkill, Penn State Shenango, Penn State Wilkes-Barre, Penn State Worthington Scranton, Penn State York

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

The Bachelor of Science in Business (B.S.B.) is an upper-division, professionally oriented business degree for individuals who are seeking general preparation in business. The degree combines the theoretical underpinnings of core business disciplines, notably management, marketing, finance, and logistics, with applied study in a practical setting, especially the small-business climates across most of the Commonwealth. Through the choice of an 18-credit option, students develop a specialty related to a key business sector. Students also develop written and oral communication skills throughout the program, acquire contemporary computer skills, and engage in active and collaborative learning. The degree allows students throughout the Commonwealth to become familiar with the unique business environments of their local communities, a design that sets the degree apart from other business degrees offered both within the University and throughout the Commonwealth.

The associate degree in business administration at Penn State articulates with the degree. Advanced-standing students from other accredited colleges or universities will be admitted only with specified grade-point averages established annually in accordance with University policy.

ACCOUNTING OPTION: Preparation for positions in business with an emphasis on the areas of financial and managerial accounting, systems and controls, auditing, and taxation.

ENTREPRENEURSHIP OPTION (offered only at the Altoona College): Preparation for a variety of entrepreneurial careers from starting a new business venture to working as an entrepreneur within a larger organization.

FINANCIAL SERVICES OPTION: Preparation for positions in community financial organizations such as banks, real estate firms, insurance brokers, investment firms, and credit companies.

HEALTH SERVICES OPTION: Development of a background in the financial and administrative aspects of health care enterprises such as hospitals, managed-care organizations, clinical practices, and physicians' offices.

INDIVIDUALIZED BUSINESS OPTION: The selection of 18 credits of study based on an individualized plan of study submitted by the student and approved by an adviser. The option allows the tailoring of a program of study to suit specific student needs.

MARKETING AND MANAGEMENT OPTION: An emphasis on the skills and knowledge necessary for the business professional to function in community and regional centers of commerce.

Entrance Requirement: Completion of MATH 022 or higher (MATH 040, 041, 110, 140).

For the B.S. degree in Business, a minimum of 120 credits is required, 15 of which must be at the 400 level.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(12 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)
(See description of General Education in front of *Bulletin*)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 8-16 credits

REQUIREMENTS FOR THE MAJOR: 71-79 credits

(This includes 12 credits of General Education courses: 6 credits of GQ courses; 6 credits of GS courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 53-61 credits

PRESCRIBED COURSES (32-37 credits)

ECON 002 GS(3) (Sem: 1-2)

ACCTG 211(4), ECON 004 GS(3), MIS 204(3) (Sem: 3-4)

B A 321(1-3) [\[1\]\(#mnote01\)](#), B A 322(1-3) [\[1\]\(#mnote01\)](#), B A 420(1) [\[1\]\(#mnote01\)](#),

FIN 301(3) [\[1\]\(#mnote01\)](#), MGMT 301(3) [\[1\]\(#mnote01\)](#), MKTG 301(3) [\[1\]\(#mnote01\)](#),

SCM 301(3) [\[1\]\(#mnote01\)](#) (Sem: 5-6)

B A 421(1-2) [\[1\]\(#mnote01\)](#), B A 422W(3) [\[1\]\(#mnote01\)](#) (Sem: 7-8)

ADDITIONAL COURSES (21-24 credits)

MATH 110 GQ(4) or MATH 140 GQ(4) (Sem: 1-4)

SCM 200 GQ(4) or STAT 200 GQ(4) (Sem: 1-4)

B A 243(4) or B A 241(2) and B A 242(2) (Sem: 3-4)

B A 323(3) [\[1\]\(#mnote01\)](#) or I B 303 IL(3) [\[1\]\(#mnote01\)](#) (Sem: 5-8)

Select 6-9 credits from B A 495A(3-9) [\[1\]\(#mnote01\)](#), B A 495B(3-9) [\[1\]\(#mnote01\)](#), or

B A 495C(3-9) [\[1\]\(#mnote01\)](#) (Sem: 7-8)

REQUIREMENTS FOR THE OPTION: 18 credits [\[1\]\(#mnote01\)](#)

(Not all options are available at every campus.)

ACCOUNTING OPTION: (18 credits)

PRESCRIBED COURSES (15 credits)

ACCTG 404(3), ACCTG 432(3), ACCTG 471(3), ACCTG 472(3) (Sem: 5-6)

ACCTG 403W(3) (Sem: 7-8)

ADDITIONAL COURSES (3 credits)

ACCTG 405(3) or FINSV 411(3) (Sem: 6-8)

ENTREPRENEURSHIP OPTION:(18 credits)

PRESCRIBED COURSES (12 credits)

ENTR 300(3), ENTR 320(3) (Sem: 5-6)

ENTR 400(3), ENGL 419(3) (Sem: 7-8)

ADDITIONAL COURSES (6 credits)

ENTR 410(3), ENTR 420(3), ENTR 430(3), or ENTR 440(3) (Sem: 5-8)

CAS 250(3), CAS 252(3), or CAS 352(3) (Sem: 7-8)

FINANCIAL SERVICES OPTION: (18 credits)

PRESCRIBED COURSES (12 credits)

FINSV 400(3), FINSV 411(3), INS 301(3) (Sem: 5-8)

ENGL 419(3) (Sem: 7-8)

ADDITIONAL COURSES (6 credits)

ECON 351(3), FINSV 420(3), INS 310W(3), or R EST 301(3) (Sem: 5-8)

CAS 250(3), CAS 252(3), or CAS 352(3) (Sem: 5-8)

HEALTH SERVICES OPTION: (18 credits)**PRESCRIBED COURSES** (12 credits)

H P A 101(3) (Sem: 5-6)

H P A 310(3), H P A 332(3) (Sem: 5-8)

ENGL 419(3) (Sem: 7-8)

ADDITIONAL COURSES (6 credits)

CAS 250(3), CAS 252(3), or CAS 352(3) (Sem: 5-8)

H P A 447(3) or H P A 455(3) (Sem: 7-8)

INDIVIDUALIZED BUSINESS OPTION: (18 credits)

Prepare an individualized plan of study consisting of 18 credits to be submitted for approval by an adviser. (Sem: 5-8)

MANAGEMENT AND MARKETING OPTION: (18 credits)**ADDITIONAL COURSES** (18 credits)

1. Select 15 credits from the following (to include at least 3 credits in MGMT and 3 credits in MKTG and at least 3 credits at the 400 level):
MGMT 321(3), MGMT 326(3), MGMT 331(3), MGMT 341(3), MGMT 401(3), MGMT 424(3); MGMT 431(3) or B A 250(3); MGMT 440(3), MGMT 445(3), MGMT 451W(3), MGMT 461 IL(3); MKTG 220(3) or MKTG 410(3); MKTG 310(3), MKTG 327(3), MKTG 330(3), MKTG 342(3), MKTG 422(3), MKTG 428(3), MKTG 445 IL(3), MKTG 450W(3), MKTG 478(3) (Sem: 5-8)
2. Select 3 credits from CAS 250(3), CAS 252(3), CAS 352(3), CAS 404(3) or ENGL 419(3) (Sem: 5-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Penn State Schuylkill/Individualized Business and Management/Marketing Options only (1/26/07)

Last Revised by the Department: Summer Session 2008

Blue Sheet Item #: 36-05-099

Review Date: 2/26/08

UCA Revision #1: 8/3/06

[Comments \(http://www.psu.edu/bulletins/bluebook/contact \)](http://www.psu.edu/bulletins/bluebook/contact)

Communication Arts and Sciences

Berks College (CASBL)

*University College (CASCC): Penn State Brandywine, Penn State York
University Park, College of the Liberal Arts (CAS)*

PROFESSOR JAMES DILLARD, *Head*

This major provides increased understanding and practice in the ways humans use symbols to influence people and the world around them. The ability to communicate effectively with others in personal, social, work and multicultural situations is essential in modern society. A student of Communication Arts and Sciences will learn to think critically, analyze and solve problems, understand and manage conflict, argue persuasively, influence people, form and keep relationships, give effective presentations, and participate in the civic and political life of a community. The flexibility of the program offers preparation for a variety of careers such as administration, law, business, health, and human services fields. A CAS degree also lends itself well to a concurrent degree program in which students prepare themselves in several fields of study.

For the B.A. degree in Communication Arts and Sciences, a minimum of 124 credits is required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits
(See description of General Education in front of *Bulletin*)

FIRST-YEAR SEMINAR:
(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:
(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:
(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 25 credits

BACHELOR OF ARTS DEGREE REQUIREMENTS: 24 credits
(3 of these 24 credits are included in the REQUIREMENTS FOR THE MAJOR, GENERAL EDUCATION, or ELECTIVES and 0-12 credits are included in ELECTIVES if foreign language proficiency is demonstrated by examination.)
(See description of Bachelor of Arts Degree Requirements in front of *Bulletin*)

REQUIREMENTS FOR THE MAJOR: 30 credits [\[1\]\(#mnote01\)](#)

PRESCRIBED COURSES (9 credits)
CAS 201 GH(3), CAS 202 GS(3), CAS 204(3) (Sem: 3-6)

ADDITIONAL COURSES (6 credits)
Select 3 credits of skills courses from CAS 203 GS(3), CAS 205(3), CAS 211(3), CAS 213(3), CAS 214W(3), CAS 215(3), CAS 216(2), CAS 250(3), CAS 252(3), CAS 271 US;IL(3), CAS 280W(3), or CAS 283(3) (Sem: 3-8)
Select 3 credits of 300-level courses from CAS 302(2), CAS 311(3), CAS 321(3), CAS 352(3), CAS 375(3), CAS 383(3), CAS 398(1-9), CAS 399 IL(1-12) (Sem: 3-8)

SUPPORTING COURSES AND RELATED AREAS (15 credits)
Select 15 credits of other CAS courses; at least 12 credits must be at the 400 level. A maximum of 6 credits from CAS 494, 495, 496, and 499(IL) may satisfy this requirement. CAS 126(3) and CAS 195(1) may not be counted as part of the major (Sem: 1-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Summer Session 2008

Blue Sheet Item #: 36-02-049

Review Date: 10/9/07

LA

Communications

University College (COMCC): Penn State Beaver, Penn State Brandywine, Penn State Greater Allegheny, Penn State New Kensington

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

With the rapid development of digital technologies over the last decade, the field of communications has seen unprecedented growth and convergence of medium in media both technologically and structurally. The communications degree program addresses strongly articulated employer requirements for the workplace through an integrated program model. The degree provides the basic theoretical foundations of the discipline, allows for appropriate branching outside the traditional curriculum, and permits a drawing from appropriate courses in the disciplines of information sciences and technology, communications, arts and sciences, English and business.

The degree in communications provides two options for students who wish to develop their written and verbal skills in an effort to gain professional employment in fields such as public relations, publishing, speech writing, video and multimedia, production, and/or journalism.

CORPORATE COMMUNICATIONS OPTION: In extending traditional organizational communication and public relations to the digital age, this option prepares public relations specialists to compete in a global society. The program is also effective as preparation for e-commerce.

JOURNALISM OPTION: In today's workplace, journalism graduates are required to regularly engage rapidly converging media in their work. This option offers graduates a competitive advantage by complementing traditional options (newspaper, magazine, radio, TV) with convergent coursework designed to prepare students for professional journalism in the digital age.

For a B.A. degree in Communications, a minimum of 121 credits is required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits
(9-13 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)
(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:
(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:
(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 9-13 credits

BACHELOR OF ARTS DEGREE REQUIREMENTS: 24 credits

(3 of these 24 credits are included in the REQUIREMENTS FOR THE MAJOR, GENERAL EDUCATION, or ELECTIVES and 0-12 credits are included in ELECTIVES if foreign language proficiency is demonstrated by examination.)

(See description of Bachelor of Arts Degree Requirements in this bulletin.)

REQUIREMENTS FOR THE MAJOR: 52-53 credits

(This includes 9-13 credits of General Education courses; 6 credits of GS courses; 3 credits of GH courses; 0-4 credits GQ courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 28 credits**PRESCRIBED COURSES** (16 credits) [1](#mnote01)

COMM 100 GS(3), IST 110 GS(3) (Sem: 1-2)

COMM 260W(3) (Sem: 3-4)

COMM 494(3), COMM 495(3) (Sem: 7-8)

ADDITIONAL COURSES (12 credits)

AM ST 105 GH;US(3) or PHIL 103 GH(3) (Sem: 1-2)

PSYCH 100 GS(3) or SOC 001 GS(3) (Sem: 1-2)

ECON 002 GS(3) or ECON 004 GS(3) (Sem: 3-4)

CAS 201 GH(3) or CAS 202 GS(3) (Sem: 3-4)

REQUIREMENTS FOR THE OPTION: 24 credits**CORPORATE COMMUNICATIONS OPTION:** (24-25 credits)**PRESCRIBED COURSES** (12 credits)

CAS 252(3) (Sem: 3-4)

COMM 370(3) (Sem: 5-6)

COMM 471(3), MKTG 310(3) (Sem: 7-8)

ADDITIONAL COURSES (12-13 credits)

(Some courses in this category have prerequisites that are not required in the program.)

MKTG 221(3) or MKTG 221W(3) or MKTG 301(3) or MKTG 301W(3) (Sem: 5-6)

Select 9 credits from the following (at least 3 credits must be at the 400 level):

B A 100 GS(3), B A 243(4), CAS 203 GS(3), CAS 214W(3), CAS 352(3), CAS 404(3), CAS 452W(3), CAS 471 US;IL(3), CC 401(3), COMM 270(3), COMM 283W(3), COMM 403(3), COMM 304(3), COMM 409(3), COMM 413W(3), COMM 473(3), COMM 496(3), ENGL 411(3), ENGL 419(3), ENGL 420(3), ENGL 421(3), STAT 200 GQ(4) (Sem: 5-8)

JOURNALISM OPTION: (24 credits)**PRESCRIBED COURSES** (12 credits)

COMM 403(3), COMM 409(3), COMM 460W(3), ENGL 420(3) (Sem: 7-8)

ADDITIONAL COURSES (12 credits)

(Some courses in this category have prerequisites that are not required in the program.)

Select 12 credits from the following: CAS 203 GS(3), CAS 426W(3), COMM 205 US(3), COMM 261 GH(3), COMM 269(3), COMM 270(3), COMM 283W(3), COMM 401(3), COMM 413W(3), COMM 461(3), COMM 470A(3), COMM 470B(3), COMM 470C(3), COMM 496(3), ENGL 210(3), ENGL 215(3), ENGL 411(3), ENGL 415(3), ENGL 416(3), ENGL 417(3) (Sem: 3-8)

[1]A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Summer Session 2004

Blue Sheet Item #: 32-05-035

Review Date: 10/06/05

UCA Revision #1: 8/3/06

UC

Elementary Education in Multicultural Settings

University College (ELEDM): Penn State Brandywine

PROFESSOR SUELLEN BUTLER, *Program Head, Brandywine Campus*

This major offers extensive teacher preparation for those students seeking training to prepare for the challenges of teaching in schools with diverse student bodies. The program offers extensive field experiences beginning in the first year and continuing through student teaching, emphasizing the problems faced by teachers in multicultural and metropolitan environments.

Students successfully completing this major will have met all of the requirements for the Elementary Education, K-6 Instructional I certificates issued by the Pennsylvania Department of Education. Students apply for entry into this major prior to the completion of their sophomore year of collegiate study. (See also [Teacher Education Programs\(general information.cfm?section=SpecialAP6\)](#).)

For the B.S. degree in Elementary Education in Multicultural Settings, 125-131 credits are required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits
(33 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)
(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:
(Included in GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:
(Included in REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:
(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 0-2 credits

REQUIREMENTS FOR THE MAJOR: 113-117 credits [\[18\]\(#mnote18\)](#)
(This includes 33 credits of General Education courses: 6 credits of GQ courses, 9 credits of GN courses, 6 credits of GA courses, 6 credits of GH courses, 6 credits of GS courses.)

PRESCRIBED COURSES (71 credits)
A ED 303(3), C I 295(2), EDPSY 014(3), EDTHP 115A GS;US(3), MATH 200 GQ(3) (Sem:

3-4)

EDTHP 411 US(3), KINES 127(1.5), MUSIC 241(3) ELEDM 400(3) (Sem: 5)

ELEDM 395W(6) (Sem: 5-7)

ELEDM 401A(3), ELEDM 401B(3), ELEDM 401C(3), KINES 126(1.5) (Sem: 5-6)

ELEDM 402(3), ELEDM 403(6), SPLED 400(3), SS ED 430W(3) (Sem: 7)

C I 495D(12), C I 495F(3) (Sem: 8)

ADDITIONAL COURSES (33-36 credits)

Select 9-10 credits; 3-4 credits each from a, b, and c, including at least one lab course (may double count for General Education GN):

1. ANTH 021 GN(3), BI SC 001 GN(3), BI SC 002 GN(3), BI SC 003 GN(3), BI SC 004 GN(3), BIOL 110 GN(4), BIOL 129 GN(4), BIOL 141 GN(3), (Sem: 1-4)
2. ASTRO 001 GN(3), CHEM 001 GN(3), CHEM 003 GN(3), CHEM 110 GN(3), CHEM 111 GN(1), MATSE 101 GN(3), MATSE 081 GN;IL(3), PHYS 001 GN(3) (Sem: 1-4)
3. EARTH 002 GN(3), EARTH 100GN(3), EM SC 150 GN;IL(3)/S T S 150 GN;IL(3), GEOG 010 GN(3), GEOSC 020 GN(3), GEOSC 021 GN(3), METEO 003 GN(3), METEO 101 GN(3) (Sem: 1-4)

Select 6 credits; 3 credits each from a and b (may double count for General Education GA):

1. ART H 112 GA;IL(3), ART H 120 GA;IL(3), ART H 130 GA;US;IL(3), ART H 320 GA;IL(3), INART 001 GA(3), INART 005 GA(3), INART 010 GA(3), MUSIC 005 GA(3), MUSIC 007 GA;US(3), MUSIC 009 GA;IL(3) (Sem: 1-4)
2. ART 010 GA(3), COMM 150 GA(3), ENGL 050 GA(3), THEA 100 GA US;IL(3), THEA 102 GA(3), THEA 105 GA(3) (Sem: 1-4)

Select 3 credits from (may double count for General Education GH): HIST 020 GH;US(3), HIST 021 GH;US(3) (Sem: 1-4)

Select 3 credits from (may double count for General Education GS): EDPSY 010 GS(3), HD FS 229 GS(3), PSYCH 212 GS(3) (Sem: 1-4)

Select 3-4 credits from (may double count for General Education GS): PSYCH 100 GS(3), SOC 005 GS(3) SOC 015 GS(3), SOC 119 GS;US(4), HD FS 129 GS(3), COMM 100 GS(3) (Sem: 1-4)

Select 3 credits from ECON 002 GS(3), ECON 004 GS(3), ECON 014 GS(3) (Sem: 1-4)

Select 3 credits from GEOG 020 GS;US;IL(3), GEOG 030 GS(3), GEOG 126 GS;US;IL(3), GEOG 122 GH;US(3), GEOG 123 GS;IL(3), GEOG 120 GS;US;IL(3), GEOG 124 GS;IL(3), GEOG 128 GS;IL(3) (Sem: 3-4)

Select 3-4 credits from (may double count for General Education GQ): STAT 100 GQ(3), STAT 200 GQ(4), EDPSY 101 GQ(3) (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (9-10 credits)

Select 3 credits of literature courses from department list (may double count for General Education GH) (Sem: 1-4)

Select 3 credits of American History courses from department list (Sem: 1-4)

Select 3-4 credits of MATH, STAT, or CMPSC from department list (Sem: 1-4)

[18] A grade of C or better per course is required for teacher certification.

Last Revised by the Department: Summer Session 2006

Blue Sheet Item #: 34-04-067

Review Date: 1/17/06

UCA Revision #1: 8/3/06

UCA Revision #2: 7/27/07

English

Abington College (ENGAB)

Altoona College (ENGAL)

University College (ENGCC): Penn State Brandywine, Penn State Fayette, Penn State Mont Alto, Penn State Wilkes-Barre, Penn State York

University Park, College of the Liberal Arts (ENGL)

PROFESSOR ROBIN G. SCHULZE, *Head*

Majors explore the imaginative and practical uses of English through courses in literature, writing, rhetoric, and language. They develop perspectives on human nature and cultural values through American, British, and other English literatures; they learn how to gather, analyze, synthesize, and communicate information; they gain mastery over their language. These skills help English majors find careers in such fields as publishing, business, industry, government, and teaching. English majors often go on to postgraduate study not only in English but in such areas as law, business, education, or other liberal disciplines.

Majors can emphasize writing, literature, or rhetoric, or a mix of literature, writing, and rhetoric. All provide a liberal education and all develop analytic and writing skills. Qualified students may participate in the career internship and in the English honors program.

Students interested in earning certification in secondary education should contact the College of Education, Department of Curriculum and Instruction. (See also Teacher Education Programs.)

For the B.A. degree in English, a minimum of 123 credits is required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits

(See description of General Education in front of *Bulletin*)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 18 credits

BACHELOR OF ARTS DEGREE REQUIREMENTS: 24 credits

(3 of these 24 credits are included in the REQUIREMENTS FOR THE MAJOR, GENERAL EDUCATION, or ELECTIVES and 0-12 credits are included in ELECTIVES if foreign language proficiency is demonstrated by examination.)

(See description of Bachelor of Arts Degree Requirements in front of *Bulletin*)

REQUIREMENTS FOR THE MAJOR: 36 credits [\[1\]\(#mnote01\)](#)

PRESCRIBED COURSES (6 credits)
ENGL 200(3), ENGL 201 GH(3) (Sem: 1-6)

ADDITIONAL COURSES (9 credits)
Select 3 credits from ENGL 221(3) or ENGL 221W(3) (Sem: 1-6)
Select 3 credits from ENGL 222(3), ENGL 222W(3), ENGL 231(3), ENGL 231W(3), ENGL 232(3), ENGL 232W(3), or ENGL 235 US(3) (Sem: 1-6)
Select 3 credits from ENGL 310H(3) or ENGL 487W(3) (Sem: 5-8)

SUPPORTING COURSES AND RELATED AREAS (21 credits)
Select 6 credits in literature, writing, or rhetoric (Sem: 1-8)
Select 3 credits at the 300 or 400 level in literature primarily before 1800 from department list (Sem: 5-8)
Select 3 credits at the 300 or 400 level in post-1800 multicultural/minority subject matter or in post-1800 sex and gender studies or in post-1800 postcolonial studies (Sem: 5-8)
Select 9 credits at the 300 or 400 level in literature, writing, or rhetoric (Sem: 5-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Summer Session 2007

Blue Sheet Item #: 35-04-234

Review Date: 1/16/07

[Comments \(http://www.psu.edu/bulletins/bluebook/contact \)](http://www.psu.edu/bulletins/bluebook/contact)

LA

Human Development and Family Studies

Penn State Altoona (HFSAL)

Penn State Harrisburg (HFSCA)

University College (HFSCC): Penn State Brandywine, Penn State DuBois, Penn State Fayette, Penn State Mont Alto, Penn State Shenango, Penn State Worthington-Scranton, Penn State York

College of Health and Human Development (HD FS)

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

PROFESSOR STEVEN H. ZARIT, *Head of the Department*

This major is a multidisciplinary program that examines the development of individuals and families across the life span. It enables students to prepare for professional, managerial, or scientific roles in health and human services professions, in public and nonprofit agencies, and in business and industry, as well as for advanced professional or graduate study. Students obtain a broad background in individual and family development across the life span. Courses emphasize biological, psychological, social/cultural, and economic aspects of development. Through course work and undergraduate internships or research projects, students develop skills relevant to career objectives, such as counseling, human assessment, program planning and evaluation, and research.

Two options are available within the major: (1) Life Span Human Services option and (2) Life Span Developmental Science option. The introductory paragraph to each of the options

includes a brief list of career opportunities. More extensive descriptions of career opportunities in both public and private sectors are available for the program.

LIFE SPAN HUMAN SERVICES OPTION: This option focuses on the acquisition and application of scientific knowledge about development and family functioning across the life span for the purposes of enhancing personal and family development. Courses emphasize: (1) understanding the biological, psychological, and social development across the life span, and the structuring and functioning of families; (2) understanding basic theoretical and methodological issues; and (3) the development of applied skills in intervention and evaluation, prevention, and in the formulation of social policy. An approved field experience in a setting that serves children, youth, adults, or the aged is required for this option. Typical employment settings include preschools, daycare centers, hospital programs for children, youth, and families, institutional and community mental health programs for individuals and families, programs for abused or neglected children and adolescents, women's resource centers, human resources programs, employee assistance programs, nursing homes, area agencies on aging and other community settings for older adults, and public welfare and family service agencies. Typical postgraduate pursuits of students completing this option include graduate study in human development, family studies, psychology, or sociology, or advanced professional training in psychology, law, behavioral health, counseling or social work.

LIFE SPAN DEVELOPMENTAL SCIENCE OPTION: This option focuses on the understanding of contemporary methodological approaches to the acquisition of scientific knowledge about individual development over the life span and about family development. This option provides preparation for advanced training in careers in developmental or family research, teaching at a college or university, or for professional careers that require graduate training. Courses within this option emphasize a thorough understanding of the theory and methods of developmental and family theory and research. An approved, multi-semester research practicum is an integral component of this option. Typical postgraduate pursuits of students completing this option include graduate study in human development, family studies, psychology, or sociology, or advanced professional training in psychology, law, behavioral health, social work, or in other programs related to services for individuals and families.

For the B.S. degree in Human Development and Family Studies, a minimum of 120 credits is required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits
(3-4 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)
(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:
(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:
(Included in ELECTIVES, GENERAL EDUCATION course selections, or REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:
(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 3-5 credits

REQUIREMENTS FOR THE MAJOR: 73-76 credits
(This includes 3-4 credits of General Education GQ courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 30-31 credits

PRESCRIBED COURSES (18 credits) [1](#mnote01)

HD FS 129 GS(3), HD FS 301(3), HD FS 311(3), HD FS 312W(3), HD FS 315 US(3) [93](#mnote93), HD FS 418(3) (Sem: 3-6)

ADDITIONAL COURSES (12-13 credits) [1](#mnote01)

Select 6 credits from HD FS 229 GS(3), HD FS 239 GS(3), HD FS 249 GS(3) (Sem: 1-4) STAT 200 GQ(4) or EDPSY 101 GQ(3) (Sem: 1-4)

Select 3 credits of United States Cultures (US [92](#mnote92)) (Sem: 4-8)

REQUIREMENTS FOR THE OPTION: 43-45 credits

LIFE SPAN HUMAN SERVICES OPTION: (43-45 credits)

PRESCRIBED COURSES (9 credits) [1](#mnote01)

HD FS 411(3), HD FS 414(3), HD FS 455(3) (Sem: 5-8)

ADDITIONAL COURSES (22-24 credits) [1]

(#mnote01) Select 3 credits from HD FS 428(3), HD FS 429(3), HD FS 433(3) or HD FS 445(3) (Sem: 5-8)

Select 6 credits from 300- or 400-level HD FS courses (Sem: 5-8)

Select 13-15 credits from (a) or (b)

(a) Approved field practice in a human service setting: HD FS 490(2), HD FS 495A(9), HD FS 495B(3) (Sem: 5-8)

(b) Approved group project or field practice in human service setting: HD FS 401(3), HD FS 402(4), HD FS 495C(6-8) (Sem: 5-8)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Select 12 credits (minimum of 6 credits at the 400 level) in consultation with adviser from University-wide offerings that develop competency in the option (a grade of C or better is required in any HD FS course taken to satisfy this requirement) (Sem: 5-8)

LIFE SPAN DEVELOPMENTAL SCIENCE OPTION: 45 credits

PRESCRIBED COURSES (6 credits) [1](#mnote01)

HD FS 494(6) or HD FS 494H(6) (Sem: 5-8)

ADDITIONAL COURSES (21 credits) [1](#mnote01)

Select 6 credits from HD FS 428(3), HD FS 429(3), HD FS 433(3), HD FS 445(3) (Sem: 5-8)

Select 15 credits (minimum of 9 credits at the 400-level) from HD FS courses (Sem: 5-8)

SUPPORTING COURSES AND RELATED AREAS (18 credits)

Select 18 credits (minimum of 9 credits at the 400 level) in consultation with adviser from University-wide offerings that develop competency in option (a grade of C or better is required in any HD FS course taken to satisfy this requirement) (Sem: 5-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

[92] This course is in addition to the 6 credits of United States Cultures and International Cultures.

[93] This course fulfills the University's United States Cultures requirement.

Last Revised by the Department: Summer Session 2006

Blue Sheet Item #: 34-02-111

Review Date: 10/11/05

Information Sciences and Technology

Abington College

Berks College

Capital College

University College: Penn State Beaver, Penn State Brandywine, Penn State Greater Allegheny, Penn State Hazleton, Penn State New Kensington, Penn State Lehigh Valley, Penn State Schuylkill, Penn State Wilkes-Barre, Penn State Worthington Scranton, Penn State York World Campus

University Park, College of Information Sciences and Technology (ISTBS)

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

PROFESSOR HENRY C. FOLEY, *Program Coordinator*

This major is structured to provide students with the theoretical frameworks and skill sets necessary to compete and be productive in the information technology-intensive global context that defines the new "Information Age." Specifically, the degree will be focused on a program that will build an understanding of core information technologies and related areas of study; will prepare students for the practical application of various information sciences and related technologies; and engage students in sharpening their abilities to think critically and to work in teams. All this will be done with considerable interdisciplinary integration in order to expose students to the cognitive, social, institutional, and global environments of IST. Team projects in most courses, a required internship, and a senior capstone experience provide additional, focused venues for involving students in the cutting-edge issues and technologies of the field.

INFORMATION SYSTEMS: DESIGN & DEVELOPMENT OPTION: This option is focused on expanding the skills needed to develop advanced information technology systems using state-of-the-art tools and techniques. The emphasis is on providing the student with both knowledge in the design, implementation, testing and evolution of complex software systems as well as a set of project-oriented, team-programming experiences.

INFORMATION TECHNOLOGY: INTEGRATION & APPLICATION OPTION: This option is designed to prepare students to use information technology to realize a variety of system-based goals (e.g., reliability, accessibility, efficiency, etc.). It is focused on developing a theoretical foundation and the skill set needed for integrating information technology into different systems for the purpose of enhancing system performance. The emphasis is on providing the student with both the theoretical frameworks needed to use information technology as a system attribute as well as a set of application-oriented experiences and skills.

INFORMATION CONTEXT: PEOPLE, ORGANIZATIONS, AND SOCIETY OPTION: This option focuses on how information technology affects social change and the delivery of information to the consumer. This includes the human-machine interface; organization and retrieval of information; digital libraries; information and telecommunications services; information and media industry structures; software services and intermediaries; telecommunications and information law and policy; sociological aspects of technology change; multimedia; and art, design, and aesthetics.

Entrance Requirements: To be eligible for entrance to the Information Sciences and Technology (ISTBS) major, students must:

1. be taking, or have taken, a program appropriate for entry to the major as shown in the *Bulletin* including approximately 60 credits of course work.
2. have completed the following entrance-to-major requirements with grades of C or better in each: IST 110(3); IST 210(4); and IST 220(3). These courses must be completed by the end of the semester during which the entrance-to-major procedure is carried out.
3. have achieved a minimum cumulative grade point average of 2.00 prior to and through the end of the semester during which the entrance-to-major procedure is carried out.

For the B.S. degree in Information Sciences and Technology, a minimum of 125 credits is required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits
(12 credits are included in the REQUIREMENTS FOR THE MAJOR)
(See description of General Education in front of the *Bulletin*)

FIRST-YEAR SEMINAR:
(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:
(Included in REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:
(Included in REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 7 credits

REQUIREMENTS FOR THE MAJOR: 85 credits
(This includes 12 credits of General Education courses; 6 credits of GQ courses; 3 credits of GS courses; and 3 credits of GWS courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 64 credits

PRESCRIBED COURSES (33 credits)
CMPSC 101 GQ(3) [\[1\]\(#mnote01\)](#), IST 110 GS(3) [\[1\]\(#mnote01\)](#), IST 210(4) [\[1\]\(#mnote01\)](#), IST 220(3) [\[1\]\(#mnote01\)](#), IST 230(3) [\[1\]\(#mnote01\)](#), IST 240(3) [\[1\]\(#mnote01\)](#) (Sem: 1-4)
STAT 200 GQ(4) (Sem: 3-6)
IST 495(1) [\[1\]\(#mnote01\)](#) (Sem: 3-8)
IST 301(3) [\[1\]\(#mnote01\)](#), IST 331(3) [\[1\]\(#mnote01\)](#) (Sem: 5-8)
IST 440W(3) [\[1\]\(#mnote01\)](#) (Sem: 7-8)

ADDITIONAL COURSES (10 credits)
ECON 002 GS(3), ECON 004 GS(3), or ECON 014 GS(3) (Sem: 1-4)
ENGL 202C GWS(3) or ENGL 202D GWS(3) (Sem: 1-4)
MATH 110 GQ(4) or MATH 140 GQ(4) (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (21 credits)
Attainment of third-level proficiency in a single foreign language (12 credits). Proficiency must be demonstrated by either examination or course work. See the admission section of the general information in this *Bulletin* for the placement policy for Penn State foreign language courses. (Sem: 1-4)
Select 6 credits of international courses in foreign culture from College-approved list (Sem: 5-8)
Select 3 credits [\[1\]\(#mnote01\)](#) at the 400 level in emerging issues and technologies from

College-approved list (Sem: 5-8)

REQUIREMENTS FOR THE OPTION:21 credits

INFORMATION SYSTEMS: DESIGN & DEVELOPMENT OPTION: 21 credits

PRESCRIBED COURSES (3 credits)[1](#mnote01)

IST 311(3) (Sem: 5-8)

ADDITIONAL COURSES (6 credits)[1](#mnote01)

Select 6 credits from IST 411(3), IST 412(3), or IST 413(3) (Sem: 5-8)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Select 12 credits from College-approved list (Sem: 5-8)

INFORMATION TECHNOLOGY: INTEGRATION & APPLICATION OPTION:21 credits

PRESCRIBED COURSES (9 credits)[1](#mnote01)

IST 302(3), IST 420(3), IST 421(3) (Sem: 5-8)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Select 12 credits from College-approved list (Sem: 5-8)

INFORMATION CONTEXT: PEOPLE, ORGANIZATIONS, AND SOCIETY OPTION: 21 credits

PRESCRIBED COURSES (6 credits)[1](#mnote01)

IST 431(3) and IST 432(3) (Sem: 5-8)

ADDITIONAL COURSES (3 credits)[1](#mnote01)

IST 302(3) or IST 413(3) (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Select 12 credits from College-approved list (Sem: 5-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Summer Session 2009

Blue Sheet Item #: 37-06-049

Review Date: 4/14/09

IS

Letters, Arts, and Sciences

Abington College (LASAB)

Altoona College (LASAL)

Penn State Harrisburg (LASCA)

University College (LASCC): Penn State Beaver, Penn State Brandywine, Penn State DuBois,

Penn State Fayette, Penn State Greater Allegheny, Penn State Hazleton, Penn State Mont

Alto, Penn State Shenango, Penn State Wilkes-Barre, Penn State Worthington Scranton, Penn State York

University Park, College of the Liberal Arts (LAS)

World Campus

Letters, Arts, and Sciences is a multi-disciplinary, theme-oriented, and student-designed major leading to a bachelor of arts degree. The major consists of 36 credits, divided into

two sections. The core (12 credits) consists of 3 credits each in the following: research methods/projects; communication skills; theory/application; and critical analysis. The additional courses (24 credits) consist of courses directed toward the student's theme, 15 credits of which must be at the 400 level.

In order to be eligible for entrance to the major, the student must submit a proposal. In consultation with an LAS adviser, the student formulates a proposal designing a program that investigates a theme from the viewpoint of at least three different subject areas. Students may not duplicate existing majors from any academic area. An important standard for entrance to the Letters, Arts, and Sciences major is the student's ability to design a program with academic integrity worthy of a bachelor of arts degree.

For the B.A. degree in Letters, Arts, and Sciences, a minimum of 120 credits is required.

Early Admission Program for Professional Schools If a student is accepted and enrolled as a degree candidate in a professional postgraduate degree program requiring three years or more to complete (such as medical school, dental school, law school, theological seminary, etc.) and if that student completes 94 undergraduate credits at Penn State including General Education, B.A. requirements, and the LAS 12-credit core requirements, that student may use up to 30 credits from the professional school to complete the B.A. in LAS.

It must be emphasized that only top students are accepted into professional school programs on such an early admission basis and that not every professional school has such a policy. Students must have enrolled in LAS prior to attending the professional school to request graduation in LAS.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 45 credits
(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:
(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:
(Included in ELECTIVES or GENERAL EDUCATION course selection)

WRITING ACROSS THE CURRICULUM:
(Included in ELECTIVES, GENERAL EDUCATION course selection, or REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 15 credits

BACHELOR OF ARTS DEGREE REQUIREMENTS: 24 credits
(3 of these 24 credits are included in the REQUIREMENTS FOR THE MAJOR, GENERAL EDUCATION, or ELECTIVES and 0-12 credits are included in ELECTIVES if foreign language proficiency is demonstrated by examination.)
(See description of Bachelor of Arts Degree Requirements in this bulletin.)

REQUIREMENTS FOR THE MAJOR: 36 credits [\[1\]\(#mnote01\)](#)

ADDITIONAL COURSES (24 credits)
In consultation with adviser, select 24 credits from University-wide offerings to include:
a) 12 credits at the 400 level representing at least three different subject areas;
b) a 3 credit 400-level capstone course (to be selected in consultation with adviser);
c) at least 9 credits (of the 24 total) from the humanities and social sciences. (Sem: 1-8)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

In consultation with adviser, select 3 credits in research methods/projects from courses that involve research methodology or that focus on a research project; select 3 credits in communication skills from courses that focus on expression including those in verbal, symbolic, and written skills; select 3 credits in theory/application from courses that focus on theory, principle, central concepts, or fundamental issues; select 3 credits in critical analysis from courses that focus on evaluation, synthesis, and analysis. (Sem: 1-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Summer Session 2008

Blue Sheet Item #: 36-04-042

Review Date: 1/15/08

Reviewed by Publications: 06/23/06

LA

Organizational Leadership

Abington College

Altoona College

Berks College

University College Penn State Brandywine, Penn State DuBois, Penn State Fayette, Penn State Greater Allegheny, Penn State Hazleton, Penn State Lehigh Valley, Penn State Mont Alto, Penn State New Kensington, Penn State Shenango, Penn State Wilkes-Barre, Penn State Worthington Scranton

University Park, College of the Liberal Arts (OLEAD): offered via World Campus and Continuing Education

This program is restricted to adult learners, as defined by the University

PROFESSOR JOHN L SELZER, *Head*

The degree draws on many of the disciplines of the liberal arts to illuminate the issues that all leaders face regarding work and employment issues in the 21st Century. Students select courses in English, crime, law, and justice, economics, political science, sociology, labor and industrial relations, communication arts and sciences, and psychology. The goal is to provide a broad education that introduces methods of analysis used in the disciplines of the liberal arts and prepares students to understand the complex social, cultural, and organizational issues that they will confront in leadership positions in the modern world. This degree program requires that students develop competency in four critical areas and then apply those skills in disciplinary perspectives. All students are expected to develop proficiency in research methodology, critical analysis, communication skills, and the application of theory. Students can expect to learn and practice skills that focus on understanding how organizations function both formally and informally and how individuals function within organizations.

For the B.S. degree in Organizational Leadership, a minimum of 123 credits is required.

GENERAL EDUCATION: 45 credits

(4 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

FIRST-YEAR SEMINAR:

(Included in ELECTIVES or GENERAL EDUCATION course selection)

UNITED STATES CULTURES AND INTERNATIONAL CULTURES:

(Included in REQUIREMENTS FOR THE MAJOR)

WRITING ACROSS THE CURRICULUM:

(Included in ELECTIVES, GENERAL EDUCATION course selections, or REQUIREMENTS FOR THE MAJOR)

ELECTIVES: 18 credits

REQUIREMENTS FOR THE MAJOR: 64 credits [1](#mnote01)

(This includes 4 credits of General Education GQ courses.)

PRESCRIBED COURSES (25 credits)

CAS 283(3), ECON 002 GS(3), ECON 004 GS(3), ENGL 215(3), PSYCH 281 GS(3), PSYCH 485(3), SOC 207(3), STAT 200 GQ(4) (Sem: 1-5)

ADDITIONAL COURSES (39 credits)

Select 39 credits:

Choose at least 12 credits in each of the 3 following areas.

Choose at least 15 credits at the 400 level.

1. Employer and Employees

LER 136 US(3), PHIL 010 GH(3), PHIL 103 GH(3), PSYCH 100 GS(3), SOC 035(3) (Sem: 1-6)

HIST/LER 458W(3), PSYCH 484(3), SOC 456(3) (Sem: 5-8)

2. Law, Policy, and Organizations

CRIMJ 100(3), LER 100 GS(3), LER 201 GS(3), PL SC 001 GS(3) (Sem: 1-6)

CRIM 113(3), CRIMJ 482(3), LER 424(3), LER 435(3), PL SC 490(3) (Sem: 5-8)

3. Workplace Dynamics

CAS 404(3), CAS 352(3), CAS 452(3), CAS 475(3), ECON 315 GS(3), ECON 342 GS(3), ENGL 419(3), LER 434(3), LER 472 GS(3), SOC 404(3), SOC 455(3) (Sem: 4-8)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Spring Semester 2005

Blue Sheet Item #: 33-03-290

Review Date: 7/11/05

UCA Revision #1: 8/9/06

UCA Revision #2: 7/30/07

LA

Associate Degrees

Business Administration

Abington College (2BAAB)

Altoona College (2BAAL)

Berks College (2BABL)

Capital College (2BACA)

University College (2BACC): Penn State Beaver, Penn State Brandywine, Penn State DuBois, Penn State Fayette, Penn State Greater Allegheny, Penn State Hazleton, Penn State Mont

Alto, Penn State New Kensington, Penn State Lehigh Valley, Penn State Schuylkill, Penn State Shenango, Penn State Wilkes-Barre, Penn State Worthington Scranton, Penn State York University College (2BACC): Via World Campus

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

The associate degree program in Business Administration provides a foundation in business that, through two options, prepares graduates for either entrance to the Bachelor of Science in Business (BSB) programs in business or for direct entry into the work place. The primary objective of this major is to provide a business-oriented program with sufficient communicative and mathematical skills, socially relevant course work, and specific business specialties to develop a well-rounded and knowledgeable graduate.

The General Business Option provides an introductory foundation to core aspects of the business environment while also preparing students for future transfer into the Bachelor of Science in Business (BSB).

The Professional Studies Option provides a technically-oriented program that prepares students for direct entry into the work force. Because some of the course work in this option is not accepted in baccalaureate business programs, students are encouraged to work closely with faculty and staff advisers.

Students who plan to continue into BSB should meet with their advisers regarding entrance to major and other related requirements.

For the Associate in Science degree in Business Administration, a minimum of 60 credits is required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 21 credits

(9 credits of these 21 credits are included in the REQUIREMENTS FOR THE MAJOR)
(See description of General Education in this bulletin.)

REQUIREMENTS FOR THE MAJOR: 48-50 credits

(This includes 3 credits of GQ General Education courses and 6 credits of GWS General Education courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 30-31 credits

PRESCRIBED COURSES (13 credits)

CAS 100 GWS(3) (Sem: 2-4)

ACCTG 211(4), ENGL 202D GWS(3) [\[1\]\(#mnote01\)](#), MIS 204(3) (Sem: 2-4)

ADDITIONAL COURSES (17-18 credits)

ENGL 015 GWS(3) [\[1\]\(#mnote01\)](#) or ENGL 030 GWS(3) [\[1\]\(#mnote01\)](#) (Sem: 1-2)

MATH 021 GQ(3), MATH 022 GQ(3), or MATH 110 GQ(4) (Sem: 1-2) [\[74\]\(#mnote74\)](#)

B A 243(4) [\[1\]\(#mnote01\)](#) or B A 241(2) [\[1\]\(#mnote01\)](#) and B A 242(2) [\[1\]\(#mnote01\)](#)
(Sem: 1-4)

ECON 002 GS(3) or ECON 004 GS(3) (Sem: 1-4)

SCM 200 GQ(4) or STAT 200 GQ(4) (Sem: 2-4)

REQUIREMENTS FOR THE OPTION: 18-19 credits

(Both options may not be available at every campus.)

GENERAL BUSINESS OPTION: (18-19 credits)

ADDITIONAL COURSES (18-19 credits)

a) Select 3 credits from MGMT 301(3) [\[1\]\(#mnote01\)](#) or MGMT 301W(3) [\[1\]\(#mnote01\)](#)

(Sem: 3-4)

b) Select 3 credits from MKTG 301(3) [1](#mnote01) or MKTG 301W(3) [1](#mnote01)

(Sem: 3-4)

c) Select 12-13 credits from B A 250(3); CAS 250(3) or CAS 252(3); LER 100 GS(3) or LER 136 US(3); ECON 002 GS(3) or ECON 004 GS(3); MATH 022 GQ(3), MATH 110 GQ(4), MKTG 220(3) (Sem: 1-4)

PROFESSIONAL STUDIES OPTION: (18 credits) [75](#mnote01)

ADDITIONAL COURSES (18 credits)

Select 18 credits from ACCTG 151(3), ACCTG 152(3), ACCTG 153(3), ACCTG 160(3), ACCTG 186(3), B A 100 GS(3), B A 250(3); ECON 002 GS(3) or ECON 004 GS(3); CMPSC 140(3), FIN 100(3), FIN 108(3), H P A 101(3), IST 110 GS(3), IST 210(3), IST 220(3), IST 250(3), LER 100 GS(3), LER 136 US(3); MGMT 100(3) or MGMT 100W(3); MGMT 150(3), MIS 103(3), MIS 106(1-6), MIS 120(3); MIS 130(3), MIS 190(3), MKTG 220(3); MKTG 221(3) or MKTG 221W(3); R EST 100(3) (Sem: 1-4)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

[74] Students should work closely with academic advisers to ensure the completion of any and all course work required for entrance to BSB.

[75] This Option is designed for students planning to enter the work force directly upon graduation. Some courses included in this option will not transfer into baccalaureate business programs. Students are encouraged to work closely with their advisers.

Last Revised by the Department: Fall Semester 2007

Blue Sheet Item #: 35-06-534

Review Date: 4/10/07

UCA Revision #1: 8/9/06

UCA Revision #2: 7/26/07

UC

Human Development and Family Studies

Altoona College (2FSAL)

University College (2FSCC): Penn State Brandywine, Penn State DuBois, Penn State Fayette, Penn State Mont Alto, Penn State Schuylkill, Penn State Shenango, Penn State Worthington Scranton, Penn State York

*University Park, College of Health and Human Development (2EHFS)
World Campus*

Not all options are available at every campus. Contact the campus you are interested in attending to determine which options are offered.

For more information, contact: Mary Jo Spicer, S-120 Henderson Building

This major integrates practical and academic experiences to provide the student with entry-level professional competence in the human service field. The objective of the major is to offer a general education background, a knowledge base in life span and family development, and a core of professional skills that may be applied in program planning and service delivery activities. The major is offered part-time, in the evening, and through independent learning.

ADULT DEVELOPMENT AND AGING SERVICES OPTION: This option is designed to prepare students for a wide variety of service roles in mental health facilities, nursing homes and other institutions for the aged, area agencies on aging, public welfare and family service agencies, women's resource centers, human relations programs, employee assistance programs and customer services and consumer relations programs in business and industry. An improved field experience in any of a wide variety of settings that serve adults, the aged, and their families, is required for this option.

CHILDREN, YOUTH, AND FAMILY SERVICES OPTION: This option is designed to prepare students for service roles in preschools; day care centers; hospitals; institutional and community programs for emotionally disturbed, abused, or neglected children and adolescents; as well as a variety of public welfare and family service agencies. An approved field experience in a children, youth, or family services setting is required for this option.

EARLY CHILDHOOD CARE AND EDUCATION OPTION: This option is designed to increase professional capabilities in child care training in regard to issues of quality, affordability, and accessibility of programming. The primary foci are on language, literacy, and science reasoning. In the course work, there is a blending of theory and practice that requires experience in a group setting with young children. Courses concentrate on infants and toddlers as well as older preschoolers. Each course has a strong parent/family communications component and stresses observation techniques appropriate for assessing and evaluating the development of young children.

For the Associate in Science degree in Human Development and Family Studies, a minimum of 60 credits is required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 21 credits
(15 of these 21 credits are included in the REQUIREMENTS FOR THE MAJOR)
(See description of General Education in this bulletin.)

ELECTIVES: 0-3 credits

REQUIREMENTS FOR THE MAJOR: 51-55 credits
(This includes 15 credits of General Education courses; 6 credits of GWS courses; 3 credits of GS courses; 3 credits of GN courses; and 3 credits of GQ courses.)

COMMON REQUIREMENTS FOR THE MAJOR (ALL OPTIONS): 30-31 credits

PRESCRIBED COURSES (21 credits)
CAS 100 GWS(3), ENGL 015 GWS(3), HD FS 129 GS(3) [\[1\]\(#mnote01\)](#), HD FS 301(3) [\[1\]\(#mnote01\)](#), PSYCH 100 GS(3) (Sem: 1-2)
HD FS 395(6) (Sem: 3-4)

ADDITIONAL COURSES (9-10 credits)
EDPSY 101 GQ(3) [\[1\]\(#mnote01\)](#), STAT 100 GQ(3) [\[1\]\(#mnote01\)](#), or STAT 200 GQ(4) [\[1\]\(#mnote01\)](#) (Sem: 1-2)
HD FS 315 US(3) [\[1\]\(#mnote01\)](#) or SOC 030 GS(3) (Sem: 3-4)
BIOL 141 GN(3), BIOL 155 GN(3), or BI SC 004 GN(3) (Sem: 3-4)

REQUIREMENTS FOR THE OPTION: 21-24 credits

ADULT DEVELOPMENT AND AGING SERVICES OPTION: (21 credits)

PRESCRIBED COURSES (6 credits)
HD FS 249 GS(3) [\[1\]\(#mnote01\)](#), HD FS 311(3) [\[1\]\(#mnote01\)](#) (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (15 credits)

Select 15 credits in consultation with the adviser from University-wide offerings that enhance competence in the option (Sem: 1-4)

CHILDREN, YOUTH, AND FAMILY SERVICES OPTION: (24 credits)

PRESCRIBED COURSES (9 credits)

HD FS 229 GS(3) [\[1\]\(#mnote01\)](#), HD FS 239 GS(3) [\[1\]\(#mnote01\)](#), HD FS 311(3) [\[1\]\(#mnote01\)](#) (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (15 credits)

Select 15 credits in consultation with the adviser from University-wide offerings that enhance competence in the option (Sem: 1-4)

EARLY CHILDHOOD CARE AND EDUCATION OPTION: (24 credits)

PRESCRIBED COURSES (24 credits)

HD FS 229 GS(3) [\[1\]\(#mnote01\)](#), HD FS 230(3) [\[1\]\(#mnote01\)](#), HD FS 231(3) [\[1\]\(#mnote01\)](#), HD FS 311(3) [\[1\]\(#mnote01\)](#) (Sem: 1-2)
HD FS 232(3) [\[1\]\(#mnote01\)](#), HD FS 233(3) [\[1\]\(#mnote01\)](#), HD FS 234(3) [\[1\]\(#mnote01\)](#), HD FS 330(3) [\[1\]\(#mnote01\)](#) (Sem: 3-4)

[1] A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Spring Semester 2005

Blue Sheet Item #: 33-03-026

Review Date: 12/19/07

UCA Revision #1: 8/8/06

HH

Letters, Arts, and Sciences

Abington College (2LAAB)

Altoona College (2LAAL)

Penn State Erie, The Behrend College (2LABC)

Berks College (2LABL)

Capital College (2LACA)

University College (2LACC): Penn State Beaver, Penn State Brandywine, Penn State DuBois,

Penn State Fayette, Penn State Hazleton, Penn State Mont Alto, Penn State Greater

Allegheny, Penn State Lehigh Valley, Penn State New Kensington, Penn State Schuylkill

(2LACA), Penn State Shenango Valley, Penn State Wilkes-Barre, Penn State

Worthington-Scranton, Penn State York

University Park, College of the Liberal Arts (2 LAS)

World Campus

ASSOCIATE DEAN JOHN L. SELZER, *in charge, Penn State University Park*

The objectives of the Letters, Arts, and Sciences major are to broaden the student's understanding, interests, and skills; to help the student become a more responsible, productive member of the family and community; and to offer a degree program with sufficient electives to permit some specialization according to the student's interests or career plans. Letters, Arts, and Sciences is a complete two-year degree major. However,

graduates who later seek admission to baccalaureate degree majors may apply baccalaureate credits toward the new degree.

In addition to a wide variety of baccalaureate majors offered at University Park campus, graduates of the Letters, Arts, and Sciences major may qualify for admission to the baccalaureate degree majors in Behavioral Sciences, Elementary Education, Humanities, or Public Policy offered at Penn State Harrisburg. Or they may qualify for any of a large number of baccalaureate degree majors offered by Penn State Erie, The Behrend College, in business, the liberal arts, and sciences.

For the Associate in Arts degree in Letters, Arts, and Sciences, a minimum of 60 credits is required.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

GENERAL EDUCATION: 21 credits

(6 of these 21 credits are included in the REQUIREMENTS FOR THE MAJOR)

(See description of General Education in this bulletin.)

ELECTIVES: 15 credits

REQUIREMENTS FOR THE MAJOR: 30 credits#[\[1\]](#)(#mnote01)

(This includes 6 credits of General Education GWS courses.)

PRESCRIBED COURSES (6 credits)

ENGL 015 GWS(3) (Sem: 1-2)

CAS 100 GWS(3) (Sem: 3-4)

ADDITIONAL COURSE (3 credits)

ENGL 202A GWS(3), ENGL 202B GWS(3), ENGL 202C GWS(3), or ENGL 202D GWS(3) (Sem: 3-4)

SUPPORTING COURSES AND RELATED AREAS (21 credits)

Select 3 credits in any course designated as arts* (Sem: 1-4)

Select 3 credits in any course designated as humanities* (Sem: 1-4)

Select 3 credits in any course designated as social and behavioral sciences* (Sem: 1-4)

Select 3 credits in any course designated as physical, biological, or earth sciences* (Sem: 1-4)

Select 9 credits in any one of the following areas*: arts, humanities, social and behavioral sciences, natural sciences and quantification, and foreign language skills. (If foreign language courses are chosen, it is recommended that these courses be in one foreign language sequence.) (Sem: 1-4)

[1]A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

#The required credits of General Education and Requirements for the Major must be baccalaureate-level courses. For students intending to seek admission to a baccalaureate program upon graduation, it is recommended that most, if not all, of the courses be at the baccalaureate level. For those students who will seek a bachelor of arts degree upon graduation from Letters, Arts, and Sciences, it is strongly recommended that a foreign language be taken since admission to a bachelor of arts program in the College of the Liberal Arts requires one college-level course, or the equivalent, in a foreign language.

*Courses that will satisfy the arts, humanities, social and behavioral sciences, natural sciences, and quantification requirements are defined on the Letters, Arts, and Sciences checksheet, which may be obtained from the College of the Liberal Arts associate dean for undergraduate studies at the University Park campus or from any Letters, Arts, and

Sciences representative at other locations.

Last Revised by the Department: Summer Session 1988

Blue Sheet Item #: 16-10-044

Review Date: 10/8/02

Reviewed by Publications: 06/23/06

LA

Minors

American Studies Minor

Abington College (AMSAB)

University College (AMSCC): Penn State Brandywine, Penn State Fayette, Penn State York

This interdisciplinary minor is designed for students who want to complement their major program. With the approval of the American Studies Program committee, appropriate courses other than those below may be selected, including those from the 200, 496, and 497 series. To complete the minor successfully, a candidate must complete the course requirements with at least a C cumulative grade-point average. The minor consists of 18 credits.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18 credits

PRESCRIBED COURSES (3 credits)

AM ST 491W(3) (Sem: 5-8)

ADDITIONAL COURSES (15 credits)

AM ST 100 GH(3), AM ST 100W(3), or AM ST 105 GH;US(3) (Sem: 1-4)

Select 12 credits from the following list, including at least 6 credits at the 400 level: CRIMJ 100(3), CRIMJ 221(3), ART H 307 GA(3), COMM 100 GS(3), COMM 120(3), COMM 180 GS(3), COMM 205 US(3), COMM 250 GA(3), ENGL 133 GH(3), ENGL 134 GH(3), ENGL 139 GH;US(3), ENGL 140 GH(3), ENGL 194 GH;US;IL(3), ENGL 231W(3), ENGL 232W(3), HIST 020 GH;US(3), HIST 021 GH;US(3), HIST 150 US(3), HIST 151 GS(3), HIST 152 GH;US;IL(3), HIST 155 GH;US(3), HIST 156(3), HIST 158 US;IL(3), LER 156(3), MUSIC 007 GA;US(3), PL SC 001 GS(3), RL ST 140W GH;US(3), RL ST 145 GH;US;IL(3), WMNST 001 GS;US;IL(3) (Sem: 1-8)

AM ST 410(3), AM ST 415(3), AM ST 432(3), ART H 404(3), ART H 415(3), ART H 416(3), CAS 415(3), CAS 478(3), COMM 407(3), COMM 408(3), COMM 409(3), COMM 411(3), COMM 413W(3), COMM 426(3), CRIMJ 210(3), CRIMJ 421(3), CRIMJ 451 US(3), ENGL 430(3), ENGL 432(3), ENGL 433(3), ENGL 435(3), ENGL 436(3), ENGL 437(3), ENGL 438(3), ENGL 439(3), ENGL 458(3), ENGL 490 US;IL(3), ENGL 493(3), KINES 441 US(3), KINES 444(3), HIST 441 US(3), HIST 442 US(3), HIST 444 US(3), HIST 445 US(3), HIST 446 US(3), HIST 447 US(3), HIST 449 US(3), HIST 450 US(3), HIST 452 US;IL(3), HIST 454 US(3), HIST 458W(3), HIST 459Y US(3), HIST 460 US;IL(3), LER 411(3), LER 414W(3), LER 458W(3), MUSIC 464W(3), PHIL 401(3), PHIL 403(3), PHIL 432(3), PL SC 417(3), PL SC 419(3), PL SC 425(3), PL SC 426(3), PL SC 427(3), PL SC 435(3), PL SC 436(3), PL SC 472(3), PL SC 474(3), RL ST 422(3), SOC 409 GS;US(3), SOC 412(3), SOC 454(3), SOC 461(3), SOC 462(3), THEA 405(3) (Sem: 5-8)

Last Revised by the Department: Summer Session 1995

Blue Sheet Item #: 23-05-121

Review Date: 04/12/05

UCA Revision #2: 7/26/07

AB

Business Minor

Abington College (BSBAB)

Berks College (BSBBL)

University College (BSBCC): Penn State Beaver, Penn State Brandywine, Penn State DuBois, Penn State Fayette, Penn State Greater Allegheny, Penn State Hazleton, Penn State Mont Alto, Penn State New Kensington, Penn State Schuylkill, Penn State Shenango, Penn State Wilkes-Barre, Penn State Worthington Scranton, Penn State York

This interdisciplinary minor provides students with a business-oriented supplement to their academic major. It is designed to introduce students to a variety of fundamental business skills and knowledge. The minor consists of 22-23 credits, at least 6 credits of which must be at the 400 level. Only courses in which students earn a grade of C or better may be counted toward fulfillment of the requirements for the minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 22-23 credits

PRESCRIBED COURSES: (10 credits)

ACCTG 211(4) (Sem: 1-5)

MGMT 301(3), MKTG 301(3) (Sem: 5-8)

ADDITIONAL COURSES: (6-7 credits)

Select 3 credits from ECON 002 GS(3) or ECON 004 GS(3) (Sem: 1-5)

Select 3-4 credits from B A 241(2) and B A 242(2) or B A 243(4); MIS 204(3), SCM 200 GQ(4) or STAT 200 GQ(4) (Sem: 1-5)

FIN 301(3), I B 303(3), SCM 301(3) (Sem: 5-8)

Note: A student who receives credits for B A 243 may not receive credit for either B A 241 or B A 242.

SUPPORTING COURSES AND RELATED AREAS: (6 credits)

Select 6 credits at the 400 level in consultation with your adviser and the approval of the director of the business minor (Sem: 5-8)

Last Revised by the Department: Summer Session 2008

Blue Sheet Item #: 36-01-057

Review Date: 8/28/07

UCA Revision #1: 8/3/06

[Comments \(http://www.psu.edu/bulletins/bluebook/contact \)](http://www.psu.edu/bulletins/bluebook/contact)

AB/BK/UC

Communication Arts and Sciences Minor

Abington College (CASAB)

Berks College (CASBL)

University College (CASCC): Penn State Brandywine, Penn State York

University Park, College of the Liberal Arts (CAS)

PROFESSOR JAMES DILLARD, *Head*

This minor provides understanding and practice in the ways humans achieve their personal and career goals by means of communication. Students may choose any of the department's pathways of specialization, such as Interpersonal, Family, Intercultural, Organizational, Legal, Political Communication and Presentation Skills, Communication and Technology, or Rhetoric. For example, Legal Communication focuses on communication within the legal system, and provides students with the theory and skills to understand the uses, evaluation, and structure of public policy and legal disputes. Students learn how perception, meaning, and conflict function in human communication if they choose to specialize in Interpersonal Communication, while Organizational Communication critically examines leadership, decision-making, interviewing, and teamwork in formal organizations. In coordination with an adviser, a student of any major may tailor this minor to complement his or her educational and career goals by pursuing a particular pathway.

A grade of C or better is required for all courses in the minor.

Scheduling Recommendation by Semester Standing given like (Sem:1-2)

REQUIREMENTS FOR THE MINOR: 18 credits

ADDITIONAL COURSES (6 credits)

Select 3 credits from CAS 203(3), CAS 205(3), CAS 211(3), CAS 213(3), CAS 214W(3), CAS 215(3), CAS 250(3), CAS 252(3), CAS 271 US;IL(3), CAS 280W(3), or CAS 283(3) (Sem: 3-6)

Select 3 credits from CAS 200(3), CAS 201 GH(3), or CAS 202(3) (Sem: 3-8)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Select 6 credits of Communication Arts and Sciences courses (Sem: 1-8)

Select 6 credits of Communication Arts and Sciences courses at the 400 level (Sem: 1-8)

Note: CAS 100 GWS(3), CAS 126(3), or CAS 195(1) may not be counted as part of the minor.

Last Revised by the Department: Fall Semester 2002

Blue Sheet Item #: 30-07-104

Review Date: 2/25/05

LA

English Minor

Abington College (ENGAB)

Altoona College (ENGAL)

University College (ENGCC): Penn State Brandywine, Penn State Fayette, Penn State Greater Allegheny, Penn State Mont Alto, Penn State New Kensington, Penn State Wilkes-Barre, Penn State York

University Park, College of the Liberal Arts (ENGL)

PROFESSOR MARIE SECOR, *Interim Head*

A grade of C or better is required for all courses in the minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18 credits

SUPPORTING COURSES AND RELATED AREAS: (18 credits)

Students may not count courses used to satisfy General Education Writing/Speaking Skills

Select 6 credits from ENGL 200-289 (Sem: 3-8)

Select 6 credits from ENGL 400-493 (Sem: 3-8)

Select 6 additional credits in English (Sem: 3-8)

Last Revised by the Department: Fall Semester 2001

Review Date: 6/28/05

Gerontology Minor

Intercollege Program (GERON)

University College: Penn State Brandywine, Penn State DuBois, Penn State Shenango

PROFESSOR MELISSA A. HARDY, *in charge*

The intercollege minor in Gerontology is designed for students to gain an in-depth understanding of the aging process and old age. With the growth of the number of older people in the population, increased need has arisen for people with knowledge of the aging process in a variety of professional and occupational roles. In conjunction with the student's major, the minor prepares students for entry-level human service positions working with the elderly, or for graduate or professional school programs including communication disorders, counseling, health planning and administration, medicine, psychology, recreation and park management, and social work where knowledge of the aging process and problems of older people is relevant. Eighteen credits are required for the minor, including at least 6 credits at the 400 level. Advising is available through Pamela D. Evoke, 211 South Henderson, University Park, PA 16802 (814-863-8000, pde1@psu.edu).

A grade of C or better is required for all courses in the minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18 credits

PRESCRIBED COURSES (3 credits)

HD FS 249 GS(3) (Sem: 3-8)

ADDITIONAL COURSES (15 credits)

BIOL 155 GN(3) or BIOL 409(3) (Sem: 1-7)

SOC 435 (HD FS 434)(3) or HD FS 445 (PSYCH 416)(3) (Sem: 5-8)

Select 9 credits, at least 6 at the 400 level, from ADTED 460(3), ANTH 473(3), BB H 302 US(3), BB H 316(3), BB H 410(3), BB H 440 US;IL(3), CN ED 415(3), H P A 101(3), H P A 440 US;IL(3), H P A 442(3), HD FS 413(3), HD FS 445 (PSYCH 416)(3), HD FS 446(3), HD FS 447(3), KINES 481W(3), NURS 464(3), NUTR 451(3), NUTR 456(2), R P M 462(3), R SOC 422(3), R SOC 497(3), SOC 023 GS(3), SOC 174(3), SOC 423(3), SOC 435(3) (Sem: 3-8)

Note: Students may enroll in special topics courses (297, 497) that focus on aging or old age, with faculty permission. With faculty approval, students may also enroll for independent studies in their major department to write a senior thesis focused on an issue of aging.

Last Revised by the Department: Summer Session 1998

Blue Sheet Item #: 26-03-068

Review Date: 6/14/07

UCA Revision #1: 8/16/06

UE

Information Sciences and Technology Minor

Abington College

Berks College

Capital College

University College: Penn State Beaver, Penn State Brandywine, Penn State Greater Allegheny, Penn State Hazleton, Penn State Lehigh Valley, Penn State New Kensington, Penn State Schuylkill, Penn State Wilkes-Barre, Penn State Worthington Scranton, Penn State York University Park, College of Information Sciences and Technology (IST)

This minor is structured to provide students with the theoretical frameworks and skill sets necessary to compete and be productive in the information technology-intensive global context that defines the new "Information Age." Specifically, the minor will be focused on a program that will build an understanding of core information technologies and related areas of study; will prepare students for the practical application of various information sciences and related technologies; and engage students in sharpening their abilities to think critically and to work in teams. All this will be done with the intent to expose students to the cognitive, social, institutional, and global environments of Information Sciences and Technology and to then apply that knowledge as a supplement to their major. A one-time tuition surcharge will be applied to all students enrolled in the minor.

A grade of C or better is required for all courses in this minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 19 credits

PRESCRIBED COURSES (10 credits)

IST 110 GS(3), IST 210(4), IST 220(3) (Sem 1-6)

ADDITIONAL COURSES (9 credits)

Select 3 credits from IST 250(3), IST 301(3), or IST 302(3) (Sem 5-8)

Select 6 credits from IST 402(3), IST 431(3), or IST 432(3) (Sem 5-8)

Last Revised by the Department: Spring Semester 2004

Blue Sheet Item #: 32-01-075

Review Date: 10/6/05

IS

International Studies Minor

Abington College (INTAB)

*University College (INTCC): Penn State Brandywine, Penn State Worthington Scranton
University Park, College of the Liberal Arts (INSTD)*

The International Studies minor is intended to recognize, for undergraduate students in any major, the completion of an education abroad program, foreign language competency, and related advanced course work. Ideally, the language, international, and advanced study should be integrated around some thematic or geographical focus.

A grade of C or better is required for all courses in the minor.

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18-30 credits

SUPPORTING COURSES AND RELATED AREAS (18-30 credits)

12th-credit-level proficiency in one foreign language demonstrated by course work or examination (Sem: 1-4)

Students must complete 12 credits as participants in an approved Penn State Education Abroad Program, no more than 6 credits of which may be foreign language study beyond the 12-credit level (Sem: 5-6)

Select 6 credits (400 level) related to the education abroad experience, or the student's major, or to complete a thematic concentration. Courses must be selected from the approved list of courses with international focus or in consultation with the International Studies Minor adviser (Sem: 5-8)

Last Revised by the Department: Fall Semester 1994

Blue Sheet Item #: 22-06-021

Review Date: 1/30/00

Law and Liberal Arts Minor

University College (LAWCC): Penn State Brandywine

University Park, College of the Liberal Arts (LAW)

PROFESSOR FRANK BAUMGARTNER, *in charge*

This minor is intended for all students who are interested in attending law school after graduation, or who are interested in preparing for careers related to the judicial system and the law. The minor consists of 18 credits that are designed to focus on the acquisition of skills and substantive knowledge in five areas: (1) American public law and judicial process; (2) critical thinking; (3) advanced writing; (4) public speaking; and (5) formal logic. (To complete the minor, students must receive a grade of C or higher in a minimum of 18 credits.)

Scheduling Recommendation by Semester Standing given like (Sem: 1-2)

REQUIREMENTS FOR THE MINOR: 18 credits

PRESCRIBED COURSES (3 credits)

PHIL 012 GQ(3) (Sem: 3-4)

ADDITIONAL COURSES (15 credits)

Select 3 credits from CAS 450W(3), ENGL 421(3), ENGL 471(3), PL SC 470W(3) (Sem: 5-8)

Select 2-3 credits from CAS 213(3), CAS 216(2), CAS 250(3), CAS 321(3) (Sem: 5-8)

Select 3 credits from COMM 403(3), L ST 370(3), PL SC 403(3), PL SC 471(3), PL SC 472(3) (Sem: 5-8)

Select 3 credits from HIST 449 US(3), HIST 450 US(3), PL SC 474(3) (Sem: 5-8)

Select 3-4 credits from SOC 405(3) (Sem: 1-8), PHIL 105(3), PHIL 108 GH(3), PHIL 408(3), PHIL 408W(3), PL SC 431(3), PL SC 432(3) (Sem: 5-8)

Notice: Students majoring in Political Science, International Politics, or Pre Law may not apply for the Law and Liberal Arts Minor.

Last Revised by the Department: Summer Session 2001

Blue Sheet Item #: 29-01-067

Review Date: 11/19/02

UCA Revision #2: 7/27/07

Women's Studies Minor

*Abington College (WMNAB)**Altoona College (WMNAL)**Penn State Erie, The Behrend College (WMNBC)**University College (WMNCC): Penn State Brandywine, Penn State DuBois, Penn State Mont Alto**University Park, College of the Liberal Arts (WMNST)*PROFESSOR LORRAINE DOWLER, *Director*

This interdisciplinary minor is designed to develop a broad understanding of the study of women and women's perspectives in all areas of academic scholarship. The primary focus is on feminist analyses of women's lives, women's social, cultural, and scientific contributions, and the structure of sex/gender systems. The interdisciplinary and inclusive nature of the field is reflected in a curriculum that includes courses cross-listed with a wide variety of departments, courses that deal with aspects of women's lives throughout history, and courses that recognize the diversities of culture, race, religion, ethnicity, age, disability, and sexual orientation. The Women's Studies minor emphasizes the development of critical and analytical skills, creative approaches to problem solving, and the ability to articulate productive alternatives.

Women's Studies minors have a definite career advantage, and can be successful in a wide variety of career paths. Some of these include legal advocacy, counseling, journalism, public relations, management, nonprofit administration, teaching, medicine, politics, or art. In addition, many alumnae/i are currently studying in professional, law, or graduate schools.

A grade of C or better is required for all courses in the minor.

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)***REQUIREMENTS FOR THE MINOR:** 18 credits

PRESCRIBED COURSES (3 credits)

WMNST 301(3) (Sem: 1-4)

ADDITIONAL COURSES (3 credits)

WMNST 001 GS;US;IL(3) or WMNST 003 GS;US;IL (Sem: 1-4)

SUPPORTING COURSES AND RELATED AREAS (12 credits)

Select 12 credits in Women's Studies or from the program-approved list; at least 6 credits must be at the 400-level

--3 credits from each of the following categories: (Sem: 1-8)

- a. arts or humanities
- b. natural or social sciences
- c. focusing on non-Western women or on women of color in the United States

Last Revised by the Department: Spring Semester 2002

Blue Sheet Item #: 30-02-008A

Review Date: 6/29/05

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This is the official bulletin of The Pennsylvania State University. Programmatic expectations for General Education are those in effect at the time of admission to degree candidacy, and college and major requirements are those in effect at the time of entry to college and major. These are accurately indicated in each student's degree audit.

The University reserves the right to change the requirements and regulations listed here and to determine whether a student has satisfactorily met its requirements for admission or graduation, and to reject any applicant for any reason the University determines to be material to the applicant's qualifications to pursue higher education. Nothing in this material should be considered a guarantee that completion of a program and graduation from the University will result in employment.

The University Faculty Senate has responsibility for and authority over all academic information contained in the Undergraduate Bulletin.