

USING THIS BULLETIN

Introduction

The Undergraduate Bulletin is Penn State's comprehensive source for undergraduate academic information and program requirements.

Use this section and navigation tools throughout the site to become familiar with general Bulletin information and discover new ways to explore academic opportunities across Pennsylvania and the world.

Students should follow the edition of the Bulletin that is active on their first day of class at the University. Past versions can be found on the Archive (<https://bulletins.psu.edu/undergraduate/archive/>) page.

New Features

Program Page Layout

- Consistent layout of program information organized within the following tabs:
 - Overview
 - How to Get In
 - Program Requirements (University Degree, Bachelor of Arts Degree, General Education, and Major requirements)
 - Integrated Undergrad-Grad Program
 - Learning Outcomes
 - Academic Advising
 - Suggested Academic Plan
 - Career Paths
 - Contact

Begin and End Campus

At the top each program page, you will find a box that indicates where you can begin and end a program. Programs may have different begin and end campuses, so it is important to use this information to determine program availability at each campus.

How to Get In

This section describes requirements on how to enter your major. Common examples include, but are not limited to, minimum GPA and/or successful completion of a skills test, coursework, or preparation programs.

Suggested Academic Plan

The course series provided in the Suggested Academic Plan provides only one of many possible ways to move through the curriculum. To create a personalized academic plan, begin by taking the following steps:

- Consult with a Penn State academic adviser on a regular basis to develop and refine your academic plan.
- Use the Suggested Academic Plan in conjunction with your degree audit (accessible in LionPATH as either an *Academic Requirements* or *What If* report).
- Familiarize yourself with information available in this Bulletin to learn about academic opportunities.
- Explore resources available on your college and campus websites.

Please note that the University may make changes in policies, procedures, educational offerings, and requirements.

Changes Page

- Real-time amendments to information in the Bulletin will be tracked on the Changes (p. 6) page.
- Currently or previously enrolled students should consult the Bulletin Archive (<https://bulletins.psu.edu/undergraduate/archive/>), their adviser, and degree audit reports for specific requirements.

Course Bubble

When a course link is clicked, a course bubble will appear with important course information including, but not limited to:

- course title, description, and credits;
- prerequisites;
- course attributes and General Education learning objectives;
- if the course is repeatable;
- if the course is cross-listed;
- if the course can be counted towards General Education requirements.

Statement of Nondiscrimination

The University is committed to equal access to programs, facilities, admission, and employment for all persons. It is the policy of the University to maintain an environment free of harassment and free of discrimination against any person because of age, race, color, ancestry, national origin, religion, creed, service in the uniformed services (as defined in state and federal law), veteran status, sex, sexual orientation, marital or family status, pregnancy, pregnancy-related conditions, physical or mental disability, gender, perceived gender, gender identity, genetic information, or political ideas. Discriminatory conduct and harassment, as well as sexual misconduct and relationship violence, violates the dignity of individuals, impedes the realization of the University's educational mission, and will not be tolerated. Direct all inquiries regarding the nondiscrimination policy to the Affirmative Action Office, The Pennsylvania State University, 328 Boucke Building, University Park, PA 16802-5901; Email: kfl2@psu.edu; Tel 814-863-0471.

Penn State encourages qualified persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact the Office for Disability Services, 814-863-1807, in advance of your participation or visit.

Start Exploring

The Undergraduate Bulletin is Penn State's comprehensive source for undergraduate academic information and program requirements. Using the search features, explore options to design your own, unique academic path at one of the world's leading research institutions. Discover new opportunities as you pursue your academic passion. Search boxes are located on the Undergraduate Bulletin landing page and throughout the website.

Narrow your search by using the following fields:

Degree Type

Choose the degree type to begin your search. Information on the following degrees are included in the Undergraduate Bulletin:

Associate Degree

Two-year majors that, with few exceptions, provide concentrated instruction to prepare graduates for specialized occupational assignments.

Baccalaureate Degree

Baccalaureate programs of study consist of no less than 120 credits and typically take four years to complete.

Minor

An academic program of at least 18 credits that supplements a major. A minor program may consist of course work in a single area or from several disciplines.

Undergraduate Certificate

Undergraduate certificates can reflect emerging academic areas, necessary professional development requirements, or groups of courses that do not constitute a degree program.

Learn more in the Definitions and Abbreviations (p. 2) section.

Campus

Penn State has over 20 campuses across Pennsylvania. Visit the Campus (<https://bulletins.psu.edu/undergraduate/campuses/>) page to see the full listing and a brief description of each campus.

Interest

Search broad topics to discover programs associated with your interests. From helping people, to science, or business, select an area to help narrow down your academic choices.

College

Academic colleges at Penn State grant degrees and are generally organized around a subject matter. All Penn State majors are divided among academic colleges, which are the units from which students receive their degrees. Visit the College (<https://bulletins.psu.edu/undergraduate/colleges/>) page to see the full listing.

Academic Authority

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

Each step of the educational process, from admission through graduation, requires continual review and approval by University officials. The University, therefore, reserves the right to change the requirements and regulations contained in this Bulletin 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.

MORE INFORMATION ABOUT ACADEMIC AUTHORITY (<http://undergrad.psu.edu/aappm/P-8-program-descriptions-catalog.html>)

Understanding Course Description Information

The course description data that appears in the University Bulletins is directly imported from LionPATH, the student information system. At several times within an academic year, new or updated course description information is approved by the Faculty Senate and entered into LionPATH. This updated information subsequently appears in the University Bulletins on the date(s) it takes effect.

What course description data is currently showing in the University Bulletins?

There are three course effective dates within an academic year. These effective dates correspond to the semesterly releases of the Schedule of Courses. The University Bulletins shows course description data that is active as of the most recently released Schedule of Courses. When an upcoming semester's Schedule of Courses is released, the course description information is updated on the same day to match that course data.

Course Description Update Calendar

September 7, 2021: University Bulletins begins showing course description information that is active for the Spring 2022 semester
November 15, 2021: University Bulletins begins showing course description information that is active for the Summer 2022 semester
February 1, 2022: University Bulletins begins showing course description information that is active for the Fall 2022 semester

Previous Versions of Course Description Information

If a course description is updated after the beginning of an academic year, the previous course description information for that course can be found on the Changes to the UG Bulletin page (p. 6). Course description information from past years can be found in the appropriate archived Bulletin edition (<https://bulletins.psu.edu/undergraduate/archive/>).

Definitions and Abbreviations

Described below are definitions referring to degrees, majors, options, minors, concurrent or sequential majors programs, and integrated undergraduate-graduate degree programs:

Associate Degree

Two-year majors that, with few exceptions, provide concentrated instruction to prepare graduates for specialized occupational assignments.

Baccalaureate Degree

Penn State offers more than 160 majors with four-year baccalaureate degrees. A baccalaureate program of study shall consist of no less than 120 credits. Students may elect to take courses beyond the minimum requirements of a degree program. Particular types of baccalaureate degrees identify educational programs having common objectives and requirements. Degree programs may provide academic, pre-professional, or professional experiences and preparation. Majors lead to a baccalaureate degree. Each student must select a major within a baccalaureate degree type. If options are offered within a major, a student selects one. The student may also elect to enroll in a minor to supplement the major. Alternatively, the student may seek to enroll in multiple majors within the same type of baccalaureate degree or to enroll in a simultaneous degree program.

Undergraduate majors offered at Penn State lead to one or more of the following baccalaureate degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Architectural Engineering (five-year program), Bachelor of Architecture (five-year program), Bachelor of Design, Bachelor of Fine Arts, Bachelor of Humanities, Bachelor of Landscape Architecture (five-year program), Bachelor of Music, Bachelor of Musical Arts, and Bachelor of Philosophy.

Not all degrees are offered at every location. Baccalaureate degrees offered at Penn State include both those that are designed to provide

an academic (including pre-professional) experience and those that are specifically designed to provide professional preparation.

To ensure excellence, all professionally oriented degree majors provide a strong academic base. The Bachelor of Arts degree (with a given major) is an academic degree; the Bachelor of Science degree (with a given major) and the bachelor's degree in any subject area (e.g., Bachelor of Architecture) are professional degrees. The Bachelor of Philosophy degree, described in the Intercollege Undergraduate Programs section of this Bulletin, is planned individually and may be designed to serve either academic or professional purposes.

Major

A major is a plan of study in a field of concentration within a type of baccalaureate degree. Colleges and other degree-granting units may have common requirements for all of their majors. Each major may have requirements identified in prescribed, additional, and supporting courses and related areas categories. Elective credits are not considered part of the major.

MORE INFORMATION ABOUT MAJORS (<http://senate.psu.edu/curriculum/guide-to-curricular-procedures/baccalaureate-degree-curriculum/>)

Option

An option is a specialization within a major that should involve at least one-third of the course work credits required for the major, but need not be more than 18 credits. All options within a major must have in common at least one-fourth of the required course work credits in the major. A student can only be enrolled in an option within their own major.

Minor

A minor is defined as an academic program of at least 18 credits that supplements a major. A minor program may consist of course work in a single area or from several disciplines, with at least 6 but ordinarily not more than half of the credits at the 400-course level. Total requirements are to be specified and generally limited to 18 to 21 credits. Entrance to some minors may require the completion of a number of prerequisites, including courses, portfolios, auditions, or other forms of documentation that are not included in the total requirements for the minor. All courses for a minor require a grade of C or above.

Concurrent and Sequential Majors Programs

At the baccalaureate or associate degree level, students may be approved for admission to more than one major under the Concurrent Majors Program. A Concurrent Majors Program is one in which students take courses to concurrently meet the requirements of at least two majors, with graduation for all majors in the program occurring during the same semester. Concurrent majors must all be at the baccalaureate or associate degree level. Under the Sequential Majors Program, upon graduation from an associate or baccalaureate degree program, a student may apply for re-enrollment in another undergraduate degree program.

Integrated Undergraduate-Graduate (IUG) Degree Program

An Integrated Undergraduate-Graduate (IUG) degree program combines a Penn State baccalaureate degree with a master's degree as a continuous program of study. An IUG program allows qualifying students to:

- create a cohesive plan for baccalaureate and master's degree studies, with advising informed by requirements for both degree programs;

- complete the combined degree program in less time than it would take to complete each program separately;
- become familiar with the expectations of graduate studies in their programs;
- access the resources of the Graduate School;
- learn from current graduate students who share academic interests.

Abbreviations, Acronyms, and Codes

Described below are common codes, abbreviations, acronyms, and other types of academic shorthand used at Penn State, along with a brief explanation of each.

Code	Explanation
A	Special topics (course suffix; indicates different versions of the same course, e.g., CAS 100A, CAS 100B, CAS 100C)
A & A	Arts and Architecture (college abbreviation)
AA	Arts and Architecture (college code)
AAPPM	Academic Administrative Policies and Procedures Manual
AB	Abington (campus code)
AB	Abington (college code)
ACUE	Administrative Council on Undergraduate Education
AG	Agricultural Sciences (college code)
AL	Altoona (campus code)
AL	Altoona (college code)
AP	Advanced Placement Program
APPL	Course requires an application with the School of Music (course characteristic)
APPT	By appointment (class meeting time)
AU	Audit, attended regularly (grade reporting symbol)
AUDN	Course requires an audition (course characteristic)
AUU	Audit, did not attend regularly (grade reporting symbol)
B	Special topics (course suffix; indicates different versions of the same course, e.g., CAS 100A, CAS 100B, CAS 100C)
BA	Business, Smeal College of (college code)
BC	Behrend (college code)
BK	Berks (campus code)
BK	Berks (college code)
BR	Beaver (campus code)
BW	Brandywine (campus code)
C	Special topics (course suffix; indicates different versions of the same course, e.g., CAS 100A, CAS 100B, CAS 100C)
CA	Capital (college code)

CALC	Course requires a calculator (course characteristic)	EPS	Educational Planning Survey
CAMP	College Assistance Migrant Program	ER	Behrend (campus code)
CAT	Online catalog, University Libraries	ESL	English as a Second Language
CC	Commonwealth Campuses	EVEX	Course has evening exams (course characteristic)
CCP	College Contact Person	F	Special topics (course suffix; indicates different versions of the same course, e.g., HIST 297F, HIST 297G)
CCRR	College Contact and Referral Representative	FE	Fayette (campus code)
CCSG	Council of Commonwealth Student Governments	FINL	Course has a final exam (course characteristic)
CE	Continuing Education	FL	Failure under pass/fail option (grade reporting symbol)
CGPA	Cumulative grade-point average	FYS	First-Year Seminar
CIC	Committee on Institutional Cooperation	G	Special topics (course suffix; indicates different versions of the same course, e.g., HIST 297F, HIST 297G)
CLEP	College-Level Examination Program	GA	Arts (General Education code)
CM	Communications (college code)	GA	Greater Allegheny (campus code)
CNCR	Course is scheduled concurrently with another course (course characteristic)	GH	Humanities (General Education code)
CNTL	Course is controlled (course characteristic)	GHW	Health and Wellness (General Education code)
COMM	Communications (college abbreviation)	GN	Graduate non-degree (college code)
CORD	Course is coordinated with other course(s) (course characteristic)	GN	Natural Sciences (General Education code)
COST	Course requires an additional fee (course characteristic)	GPA	Grade-point average
D	Special topics (course suffix; indicates different versions of the same course, e.g., HIST 297D, HIST 297E)	GQ	Quantification (General Education code)
DAA	Dean/Director of Academic Affairs	GR	Graduate (level code)
DF	Deferred grade (grade reporting symbol)	GR ND	Graduate non-degree (college code)
DN	Dickinson School of Law (campus code)	GS	Social and Behavioral Sciences (General Education code)
DS	DuBois (campus code)	GV	Great Valley (campus code)
DU	Division of Undergraduate Studies (college code)	GV	Great Valley (college code)
D U S	Division of Undergraduate Studies (college abbreviation)	GWS	Writing/Speaking (General Education code)
E	Special topics (course suffix; indicates different versions of the same course, e.g., HIST 297D, HIST 297E)	H	Honors course or section (course suffix)
ECoS	Eberly College of Science	HB	Harrisburg (campus code)
ED	Education (college code)	H H D	Health and Human Development (college abbreviation)
EM	Earth and Mineral Sciences (college code)	HH	Health and Human Development (college code)
EM SC	Earth and Mineral Sciences (college abbreviation)	HN	Hazleton (campus code)
EN	Engineering (college code)	HY	Hershey Medical Center (campus code)
ENGR	Engineering (college abbreviation)	I	Incomplete (grade reporting symbol)
EOP	Educational Opportunity Program	I	Special topics (course suffix; indicates different versions of the same course, e.g., HIST 297I, HIST 297K)
EPR	Early Progress Report		

ICOL	Intercollege programs (college abbreviation)	NSO	New Student Orientation
IB	International Baccalaureate Program	OCLC	Course meets at an off-campus location (course characteristic)
IC	Intercollege programs (college code)	ODS	Office for Disability Services
IL	International Cultures (General Education code)	OSA	Office of Student Aid
INCP	Incomplete (grade reporting symbol)	OUR	Office of the University Registrar
INTG	Course is integrated with other courses (course characteristic)	P	Pass (noncredit course) (grade reporting symbol)
IS	Information Sciences and Technology (college code)	P	Practicum (or laboratory) section (course suffix)
IST	Information Sciences and Technology (college abbreviation)	PC	Penn College (Pennsylvania College of Technology; campus code)
ITS	Information Technology Services	PREQ	Course has prerequisites (course characteristic)
IUG	Integrated undergraduate/graduate degree programs	PS	Pass (pass/fail option) (grade reporting symbol)
IVID	Course uses interactive video (course characteristic)	PSU	Pennsylvania State University
J	Individualized instruction (course suffix)	R	Recitation section (course suffix)
K	Special topics (course suffix; indicates different versions of the same course, e.g., HIST 297I, HIST 297K)	R	Research (grade reporting symbol)
L	Lecture section (course suffix)	RAP	Recommended Academic Plan
LA	Liberal Arts (college code)	RI	Resident Instruction
LEAP	Learning Edge Academic Program	ROTC	Reserve Officers' Training Corps
LIAB	Course has liability attendance policy (course characteristic)	S	First-Year Seminar (course suffix)
LV	Lehigh Valley (campus code)	SA	Satisfactory achievement (grade reporting symbol)
LW	Law (level code)	SATL	Course is offered at multiple locations via satellite uplink (course characteristic)
M	Writing Across the Curriculum and Honors (course suffix)	SC	Science, Eberly College of (college code)
MA	Mont Alto (campus code)	SCIEN	Science, Eberly College of (college abbreviation)
MAC	Morgan Academic Center (for Student-Athletes)	SEGM	Course is segmented (course characteristic)
MD	Medical (level code)	SGPA	Semester grade-point average
MD	Medicine (college code)	SH	Shenango (campus code)
MED	Medicine (college abbreviation)	SI	Supplemental Instruction
MEP	Multicultural Engineering Program	SITE	Schreyer Institute for Teaching Excellence
MRC	Multicultural Resource Center	SL	Schuylkill (campus code)
MS	Military Science (ROTC) (college code)	SLO	Special Living Options
NACADA	National Academic Advising Association	SOTP	Student Orientation and Transition Programs
NC	Non-credit (level code)	SRTE	Student Ratings of Teacher Effectiveness
NDEGR/C/H	Nondegree Regular/Conditional/High School (Classification of Undergraduate Students)	SSSP	Student Support Services Program
NG	No grade (grade reporting symbol)	T	First-Year Seminar and Honors (course suffix)
NK	New Kensington (campus code)	TMDT	Course has additional meeting times/dates (course characteristic)
NR	Nursing (college code)	U	United States Cultures/International Cultures and Honors (course suffix)
		UAO	Undergraduate Admissions Office
		UC	University College (college code)
		UE	Undergraduate Education

UFO	University Fellowships Office
UG	Undergraduate (level code)
UG ND	Undergraduate non-degree (college code)
UN	Undergraduate nondegree (college code)
UN	Unsatisfactory achievement (grade reporting symbol)
UP	University Park (campus code)
UPUA	University Park Undergraduate Association
US	United States Cultures (General Education code)
W	Official withdrawal (grade reporting symbol)
W	Writing Across the Curriculum (course suffix)
WB	Wilkes-Barre (campus code)
WC	World Campus
WEB	Web course; offered entirely through the Internet (course characteristic)
WEP	Women in Engineering Program
WF	Withdrew failing (grade reporting symbol)
WISE	Women in the Sciences and Engineering
WN	Withdrew no grade (grade reporting symbol)
WP	Withdrew passing (grade reporting symbol)
WS	Worthington Scranton (campus code)
X	Writing Across the Curriculum and First-Year Seminar (course suffix)
XC	State College Continuing Education (campus code)
XF	Failure, academic dishonesty (course grade)
XS	Foreign studies program (campus code)
Y	Writing Across the Curriculum course and United States Cultures/ International Cultures (course suffix)
YK	York (campus code)

Common abbreviations for course attributes and suffixes can be found in the University Course Descriptions (<https://bulletins.psu.edu/university-course-descriptions/>) section.

Changes to the Undergraduate Bulletin

Changes to the Undergraduate Bulletin will be tracked in real-time and listed below. At the end of every semester, these updates are incorporated into the Bulletin.

Program Changes

Aerospace Engineering, B.S. (AERSP_BS)

Effective Summer 2021:

- Changed Requirements for the Major from 113-115 credits to 111-117 credits
- Decreased Prescribed Courses from 72 credits to 69-70 credits
- Changed MATH 220 from 2 credits to 2-3 credits in Prescribed Courses
- Removed MATH 250 from Prescribed Courses
- Increased Additional Courses from 29-31 credits to 32-35 credits
- Removed AERSP 440 from Additional Courses
- Added AERSP 424 to Additional Courses
- Added MATH 250 and MATH 251 to Additional Courses

African American Studies, B.A. (AAST_BA)

Effective Summer 2021:

- Added new Integrated B.A. in African American Studies and M.P.P. in Public Policy at University Park campus

Biological Engineering, B.S. (BE_BS)

Effective Summer 2021:

- Decreased the Requirements for the Degree from 129 credits to 128 credits
- Changed General Education credits included in Requirements for the Major from 27-30 credits to 27 credits
- Decreased Requirements for the Major from 111-114 credits to 110-111 credits
- Increased Common Requirements for the Major (All Options) from 75 credits to 77 credits
- Decreased Prescribed Courses for the Major from 68 credits to 61 credits
- Removed MATH 251 from Prescribed Courses for the Major
- Moved ENGL 15 from Prescribed Courses for the Major to Additional Courses for the Major
- Increased Additional Courses for the Major from 7 credits to 16 credits
- Removed 1 credit of First-Year Seminar from Additional Courses for the Major
- Added MATH 250, MATH 252, IE 424, STAT 240, STAT 250, STAT/ MATH 318, STAT 401, STAT/MATH 418 to Additional Courses for the Major
- Decreased Total Requirements for the Option from 36-39 credits to 33-34 credits
- Decreased Agricultural Engineering Option from 36 credits to 33 credits
- Removed IE 424 and STAT 401 from Agricultural Engineering Option
- Decreased Food and Biological Processing Engineering Option from 39 credits to 33-34 credits
- Moved BMB 211 and CHEM 202 from Prescribed Courses in the Food and Biological Processing Engineering Option to Additional Courses in the Food and Biological Processing Engineering Option
- Removed NUTR 100 and IE 424 from the Food and Biological Processing Engineering Option
- Added CHEM 210, BMB 251, BME 201 to Additional Course in the Food and Biological Processing Engineering Option

- Decreased Natural Resources Engineering Option from 36 credits to 33 credits
- Remove Additional Courses section from the Natural Resources Engineering Option

Business, B.S. (University College) (BSBUC_BS)

Effective Fall 2021:

- Added Accounting Option to DuBois campus and Shenango campus

Communication Arts and Sciences, B.A. (CAS_BA)

Effective Summer 2021:

- Added new Integrated B.A. in Communications Arts and Sciences and Master of Public Policy at University Park campus

Communication Arts and Sciences, B.S. (CASBS_BS)

Effective Summer 2021:

- Added new Integrated B.S. in Communications Arts and Sciences and Master of Public Policy at University Park campus

Computer Engineering, B.S. (Engineering) (CMPEN_BS)

Effective Fall 2021:

- Added new Integrated B.S. in Computer Engineering and M.I.A. in International Affairs at University Park campus

Computer Science, B.S. (Capital, Abington) (COMP_BS, CMPAB_BS)

Effective Fall 2021:

- Increased Prescribed Courses from 59 credits to 62 credits
- Moved MATH 318/STAT 318 from Additional Courses to Prescribed Courses
- Decreased Additional Courses from 18 credits to 15 credits
- Removed STAT 301 from Additional Courses
- Revised Additional Courses section
- Added CMPSC 421, CMPSC 445, MATH 410, MATH 448, MATH 485 to Additional Courses
- Removed CMPSC 426 from Additional Courses

Criminal Justice, B.A. (Abington, Altoona, Berks, University College) (CJAAB_BA, CJBA_BA, CJABK_BA, CRMUC_BA)

Effective Summer 2021:

- Decreased Electives from 24-27 credits to 18-22 credits
- Changed Requirements for the Major from 49 credits to 48-49 credits
- Changed General Education credits included in Requirements for the Major from 12-15 credits to 6-10 credits
- Revised Prescribed Courses from 34 credits to 33-34 credits
- Changed SOC 119 to SOC 119N in Prescribed Courses
- Changed the credits for SOC 119N from 4 credits to 3-4 credits in Prescribed Courses

Criminal Justice, B.S. (Abington, Altoona, Berks, University College) (CJSAB_BS, CJBS_BS, CJSBK_BS, CRMUC_BS)

Effective Summer 2021:

- Decrease Electives from 24-27 credits to 18-22 credits
- Changed Requirements for the Major from 61 credits to 60-61 credits
- Changed General Education credits included in Requirements for the Major from 10-13 credits to 4-7 credits
- Revised Prescribed Courses from 34 credits to 33-34 credits

- Changed SOC 119 to SOC 119N in Prescribed Courses
- Changed the credits for SOC 119N from 4 credits to 3-4 credits in Prescribed Courses

Criminology, B.A. (CRMBA_BA)

Effective Summer 2021:

- Added new Integrated B.A. in Criminology and M.P.S. in Criminal Justice Policy and Administration at University Park campus
- Added new Integrated B.A. in Criminology and M.I.A. in International Affairs at University Park campus

Criminology, B.S. (CRMBS_BS)

Effective Summer 2021:

- Added new Integrated B.S. in Criminology and M.P.S. in Criminal Justice Policy and Administration at University Park campus
- Added new Integrated B.S. in Criminology and M.I.A. in International Affairs at University Park campus

Cybersecurity Analytics and Operations, B.S. (Abington) (CAOAB_BS)

Effective Fall 2021:

- Added program to Penn State Abington, the Abington College

Digital Multimedia Design, B.Des. (DIGMD_BDES)

Effective Summer 2021:

- Added DART 202 and HCDD 113 to Prescribed Courses
- Removed ART 201 and IST 140 from Prescribed Courses
- Added AA 121, ART 1, ART 30, COMM 282, COMM 296, COMM/IST 310, COMM 346, COMM 495, COMM 496, DART 100, DART 204, DART 205, DART 206, DART 296, DART 297, DART 300, DART 303, DART 495, DART 496, DART 497, GD 110, GD 210, HCDD 264, IST 140, IST 240, IST 256, and IST 402 to Additional Courses
- Removed ART 203, ART 204, ART 302, COMM 428E, COMM 469, COMM 481, IST 242, and IST 413 from Additional Courses

Disability Studies, Minor (DBLTY_UMNR)

Effective Summer 2021:

- Revised Minor Description
- Removed LA 495 from Additional Courses
- Added ENGL 496 to Additional Courses

Economics, B.A. (ECLBA_BA)

Effective Summer 2021:

- Added new Integrated B.A. in Economics and M.A. in Economics at University Park campus

Economics, B.S. (ECLBS_BS)

Effective Summer 2021:

- Added new Integrated B.S. in Economics and M.A. in Economics at University Park campus

Electrical Engineering, B.S. (Engineering) (EE_BS)

Effective Summer 2021:

- Changed Requirements for the Major from 109-112 to 109-111
- Removed PHYS 410 from Additional Courses

Effective Fall 2021:

- Added new Integrated B.S. in Electrical Engineering and M.I.A. in International Affairs at University Park campus

Engineering Design, Certificate (ENDSN_UCT)

Effective Summer 2021:

- Revised Program Description
- Revised Admissions Requirements
- Revised Program Requirements

Engineering Design with Digital Tools, Certificate

Effective Spring 2021:

- New certificate added

Global and International Studies, B.A. (GSBA_BA)

Effective Fall 2021:

- Added new Integrated B.A. in Global and International Studies and M.I.A. in International Affairs at University Park campus

Global and International Studies, B.S. (GSBS_BS)

Effective Fall 2021:

- Added new Integrated B.S. in Global and International Studies and M.I.A. in International Affairs at University Park campus

Health Policy and Administration, B.S. (University College) (HPAUC_BS)

Effective Fall 2021:

- Added program to Beaver campus and Shenango campus

Homeland Security, Minor (HLS_UMNR)

Effective Summer 2021:

- Revised Minor Description
- Added HLS cross-listing to PUBPL 201, 306, and 483 in Prescribed Courses
- Added SRA 421 to Supporting Course and Related Areas

Marketing, Minor (MRKTG_UMNR)

Effective Fall 2021:

- Removed MKTG 344 from Additional Courses
- Added MKTG 444 to Additional Courses
- Removed requirement that 6 of the 9 supporting course MKTG credits must be at the 400-level

Mechanical Engineering, B.S. (Engineering) (MEENG_BS)

Effective Fall 2021:

- Added program to Scranton campus

Mechanical Engineering, B.S. (Altoona) (MEAL_BS)

Effective Fall 2021:

- Added program to Penn State Altoona, the Altoona College

Plastics Engineering Technology (PLTBC_BS)

Effective Fall 2021:

- Increased Electives from 1 credit to 2 credits
- Decreased Requirements for the Major from 106 credits to 105 credits
- Removed PLET 425 and PLET 477 to Prescribed Courses
- Added PLET 464 to Prescribed Courses

Professional Photography, B.Des. (PHOTO_BDES)

Effective Summer 2021:

- Revised Entrance to Major Requirements
- Added PHOTO 495 to Prescribed Courses
- Increased number of Additional Courses credits from 18 to 21
- Moved AA 325 and PHOTO 101 from Prescribed Courses to Additional Courses

Secondary Education Social Studies, B.SOSC. (SESSTBSOSC)

Effective Summer 2021:

- Revised Program Description
- Revised Retention Requirements
- Increased Prescribed Courses from 65 credits to 68 credits
- Removed CI 280 from Prescribed Courses
- Added EDUC 400 and EDUC 466 to Prescribed Courses
- Added HIST 2 and HIST 11 to Additional Courses
- Decreased Supporting Courses and Related Areas from 18 credits to 15 credits
- Removed 3 credits of psychology from Supporting Courses and Related Areas

Security and Risk Analysis, B.S. (SRAWC_BS)

Effective Fall 2021:

- Enrollment Hold implemented on Information and Cybersecurity Option at World Campus; program not accepting new students at World Campus

Social Data Analytics, B.S. (SODA_BS)

Effective Summer 2021:

- Revised Entrance to Major Requirements
- Reduced Requirements for the Major from 90-92 credits to 87 credits
- Removed CMPSC 121, 122, and IST 210 from Prescribed Courses
- Moved MATH 140 and 141 from Additional Courses to Prescribed Courses
- Removed MATH 110, 111, and STS 101 from Additional Courses

Sociology, B.A. (SOCBA_BA)

Effective Summer 2021:

- Added new Integrated B.A. in Sociology and M.I.A. in International Affairs at University Park campus

Sociology, B.S. (Liberal Arts) (SOCBS_BS)

Effective Summer 2021:

- Added new Integrated B.S. in Sociology and M.I.A. in International Affairs at University Park campus

Surveying Engineering, B.S. (SURE_BS)

Effective Summer 2021:

- Changed Requirements for the Major from 114 credits to 110-111 credits
- Added 3-4 credits of Electives
- Decreased Prescribed Courses from 93-94 credits to 90-91 credits
- Removed IE 302, PHYS 213, and STAT 401 from Prescribed Courses
- Added STAT 200 to Prescribed Courses

Theatre, B.A. (THRBA_BA)

Effective Summer 2021:

- Removed all options
- Revised Program Description
- Added Entrance to Major Requirements
- Increased Electives from 1-8 credits to 12-13.5 credits
- Decreased Requirements for the Major from 44.5-51.5 credits to 40.5-42 credits
- Changed General Education credits included in Requirements for the Major from 1.5-7.5 credits to 3 credits
- Removed DANCE 170 and THEA 401 from Prescribed Courses
- Added DANCE 270, THEA 132, and THEA 201W to Prescribed Courses
- Removed THEA 107, 200, 130, and 131 from Additional Courses
- Added CMLIT/ENGL 488, DANCE 100, 170, 221, 225, 230, 240, 250, 260, 370, 370H, 370Z, 381, 401, 402, 405W, 410, 411, THEA 101N, 106, 211, 220, 407W, 408W, 412, 434, and 440 to Additional Courses
- Removed Supporting Courses and Related Areas

Turfgrass Management, Advanced, Certificate (TURF2_UCT)

Effective Summer 2021:

- Added TURF 307 to Additional Courses

Turfgrass Management, Basic, Certificate (TURFB_UCT)

Effective Summer 2021:

- Added TURF 307 to Prescribed Courses

FAQs

- Where can I find a list of General Education courses and information about requirements?
 - For information about General Education requirements, please see the General Education (<https://bulletins.psu.edu/undergraduate/general-education/>) section in this Bulletin.
- The General Education requirements have changed. Do the new requirements apply to me?
 - The new General Education requirements apply to students who start at Penn State in Summer 2018 and later. Requirements have not changed for students who began at Penn State before this semester. The older set of requirements can be found in the Archives page. Additional information is available on the Office of General Education website (<https://gened.psu.edu>).
- What does the blue keystone symbol mean?
 - The keystone indicates that the course is designated as a General Education course. See the degree requirements for your program to identify the General Education courses that are required. Not all courses marked with the keystone count as meeting General Education requirements when required within your program. See the program requirements and speak to an adviser regarding General Education courses that count or do not count toward the General Education requirements.
- Where can I find bachelor of arts degree requirements?
 - Bachelor of arts degree requirements are included in the program requirements section for B.A. programs. You may also see the B.A. requirements in the Academic Information (<https://bulletins.psu.edu/undergraduate/general-information/academic-information/>) section.
- Where can I find a list of courses and course descriptions?
 - You may find courses and descriptions several different ways within the Bulletin. You may navigate to the full listing of courses and descriptions from the Courses (<https://bulletins.psu.edu/university-course-descriptions/>) link in the top navigation menu. You may also scroll over any course number within the Bulletin to see the course description in a course bubble. Search for specific courses through the search option on the homepage or in the search functions throughout the Bulletin.
- Which Undergraduate Bulletin should I use?
 - Your official record of general education requirements, University degree requirements, and program requirements is found in the Bulletin that matches the semester in which you enrolled at Penn State. See the Archive (<https://bulletins.psu.edu/undergraduate/archive/>) page to find past Bulletins.
- Where can I find past Bulletins?
 - Past Bulletins can be found on the Archive (<https://bulletins.psu.edu/undergraduate/archive/>) page, which can be accessed from any page in the Bulletin's top navigation menu.
- When will the Undergraduate Bulletin be updated?
 - The Bulletin will be updated at the beginning of each semester (fall, spring, and summer). Changes that occur between updates are identified on the Changes (p. 6) page.
- What course description information is currently showing in the Bulletin?
 - The University Bulletins shows course description data that is active as of the most recently released Schedule of Courses. When an upcoming semester's Schedule of Courses is released, the course description information is updated on the same day to match that course data. Please visit the Understanding Course Description Information (p. 2) page to view the course description update calendar.
- Why are there are some courses listed in the Bulletin that I can't schedule?
 - The Bulletin Course Description section displays all courses that are currently active at Penn State. Not all of these courses are taught every academic semester or year. To view courses that are available for enrollment by semester, please view the LionPATH Class Search (https://www.lionpath.psu.edu/psc/CSPRD/EMPLOYEE/HRMS/c/SA_LEARNER_SERVICES.CLASS_SEARCH.GBL?Page=SSR_CLSRCH_ENTRY&Action=U).
- Where can I find information about minors?
 - Minors are a specific type of program and may be found through the search process by filtering by minor (https://bulletins.psu.edu/programs/#filter=filter_24).
- Where can I find the Graduate Bulletin?
 - The Graduate Bulletin is located at: <https://bulletins.psu.edu/graduate> (<https://bulletins.psu.edu/graduate/>).

Have a question we didn't include? Please let us know by emailing bulletins@psu.edu.