

Guided Studies Concentrations—INFO SHEETS (Rev. 7/5/19)

Creativity and Aesthetics

The Arts concentration includes subjects and disciplines related to studying and/or creating art, including but not limited to literature and other verbal arts, visual and decorative arts, music, performing arts, culinary arts, and architecture.

***Highly Structured Programs:** because of accreditation, especially tight course sequencing, and/or special admission/placement processes, Highly Structured Programs require students to officially declare these majors to progress through the highly scheduled sequences at a reasonable rate. In many cases, particular courses in the major are only open to students who have declared that major. While all programs benefit from early and firm commitment, Highly Structured majors need to be declared as early as possible in order to avoid significant delays in progress and accumulating courses that do not fit into the desired program.

Fork courses: these courses reflect an option of two similar courses which represent a "fork in the road" for students, because they are requirements for DIFFERENT programs and are NOT interchangeable in many cases. Usually one of these courses is at a higher level than the other and requires different pre-requisites. Students need to choose VERY carefully so that they don't have to back-track and take the other course. For example: students interested in a major requiring BIOL121 as a preliminary biology courses should NOT take BIOL101, but rather aim for the CHEM prerequisite for BIOL121. Fork courses are marked by and "or" choice and the parenthetical phrase "FORK: consider potential POS."

****Indicates a course without pre-requisites or co-requisites**

Related Transfer Majors at Bucks

Art and Art History (1201)
Cinema Video Production (1181)*
English (1200); Fine Arts (1001)*
Fine Woodworking (1187)
Graphic Design (1110)
Journalism (1045)
Liberal Arts (1002)
Music (1019)*
Multimedia (1175)*
Photography (1195)*

Related Occupational Majors at Bucks

Chef Apprenticeship: Foods Emphasis (2056)*
Chef Apprenticeship: Pastry Emphasis (2098)*

Related Shared Majors

Students in shared majors may elect to take courses at Philadelphia, Montgomery, or Delaware County Community Colleges. Students who elect to pursue the major(s) listed below at the designated community college(s) must be authorized by the Dean of Enrollment Services and will pay the host college sponsored student rate for courses that they take at the host college.

Architecture at Community College of Philadelphia
Game Simulation and Design at Montgomery County Community College
Interior Design at Community College of Philadelphia
Sound Recording and Music Technology at Community College of Philadelphia
Theater at Montgomery County Community College

Related Credit Certificates at Bucks

Applied Photography (3185)
Furniture and Cabinetmaking (3187)
Web Design and Multimedia (3147)
Culinary Arts (3154)
Historic Preservation (3127)
Social Media and Digital Marketing (3099)

Related Non-Credit Certificates and/or Programs at Bucks

Floral Design Certificate Program
Fashion Design Program
Certificate in Non-Profit Administration

Common names for related majors at other institutions

Film, Advertising, Architecture, Theater, Dance

GATEWAY COURSES, **=no prereqs or coreqs

any LITR course
CULN120 Basic Food Preparation and Management
HIST198** History of American Architecture
HOSP100** Introduction to Tourism and Hospitality
HOSP105** Sanitation and Safety (Certification Course)
JOUR175 News Reporting and Writing
MUSC100 Music Fundamentals
MUSC101 Introduction to Music
MUSE101 Concert Choir
MUSE115 Jazz Orchestra
MUSE140 Percussion Ensemble
MUSE201 Madrigal Singers
PHIL145** Aesthetics
VACV135** Video Studio Production I
VAFA101** 2-D Design Fundamentals
VAFA102** 3-D Design Fundamentals
VAFA111** Drawing Basics (possibly VAFA100 Drawing Fundamentals, if student is actively

pursuing an arts major and goes through an entrance portfolio review)

VAF191 Art History Before 1450
VAF192 Art History After 1450
VAF193 History of Modern Art
VAMM100** Digital Imaging
VAPH151** Darkroom Photography I

CONCENTRATION ELECTIVES

Additional Gateway courses in this Concentration (see above)

Courses beginning with the following prefixes: COMT, CULN, HOSP, JOUR, VACV, VAF1, VAGD, VAMM, VAPH, VAFW

COMP115 Creative Writing I
COMP116 Creative Writing II
EDUC200** Integrated Arts, Movement, and Play
HIST194** Historic Preservation Planning and Sustainability
HIST195** Introduction to Historical Archeology I
HIST197** The History and Theory of Historic Preservation
HIST198** History of American Architecture
HIST199** Historic Property Research and Documentation
HIST201** Building Conservation
HIST202** Law, Taxes, and Zoning for Historic Preservation
HIST203 Internship for Historic Preservation
HIST204** Oral History
HIST205** Restoration Workshop
HIST208** History, Society, and Architecture in the Delaware Valley
HIST210** Historic Preservation Field Studies
HIST219** Management of Historic Sites
HIST239** (MUSC107**) American Pop Culture: History of Rock
HUMN111** Ancient World: Culture and Ideas
HUMN112** Medieval and Renaissance World: Culture and Ideas
HUMN113** Early Modern World: Culture and Ideas
HUMN114** Modern World and Beyond: Culture and Ideas
KINS126** Modern Dance
KINS175** Dance: Square and Folk
MKTG220** Digital Marketing
MGMT155** Introduction to Entrepreneurship
MUSC103** World Music
MUSC105** American Music
MUSC106** History of Jazz
MUSC107** (HIST239**) American Pop Culture: History of Rock
MUSC124** Music Technology

Culture and Society

The Culture and Society concentration includes both qualitative and quantitative social sciences (e.g. geography, sociology, anthropology, psychology, political science, economics), as well as humanistic fields and disciplines that analyze human culture (e.g. religion, gender studies, cultural studies, history).

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****Indicates a course without pre-requisites or co-requisites**

Related Transfer Majors at Bucks

Criminal Justice (1189)
English (1200)
History (1196)
Journalism (1045)
Liberal Arts (1002)
Psychology: Interpersonal Emphasis (1183)
Psychology: Pre-Professional Emphasis (1060)
Secondary Education: History (1180)
Social Science (1059)
Social Work (1130)

Related Occupational Majors at Bucks

Paralegal Studies (2128)*

Related Shared Majors

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Human Resources at Montgomery County Community College

Related Credit Certificates at Bucks

Paralegal (3129)

Historic Preservation (3127)

Related Non-Credit Certificates and/or Programs at Bucks

Certificate in Non-Profit Administration

Common names for related majors at other institutions

Sociology, Anthropology, Cultural Anthropology, Cultural Studies, Folklore, Area Studies (or any particular world language/region), Geography, International Studies, Intercultural Studies, International Relations, International Business, Global Studies, Social Psychology, Comparative Literature, Ethnology, Diversity Studies, Organizational Dynamics, Popular Culture, Religion, Theology, Economics, Political Science, American Studies

GATEWAY COURSES, **=no prereqs or coreq

CRIJ100 Introduction to the Administration of Criminal Justice

ECON111** Principles of Economics - Macro

ECON112** Principles of Economics - Micro

EDUC100 Foundations of Education

HIST197** Basic Principles of Historic Preservation

LAWS100** Introduction to Paralegal Studies

PSYC110** Psychology of Personal Awareness

PSYC110 Introduction to Psychology

SOCI110** Introduction to Sociology

SOCI120** Introduction to Cultural Anthropology

SOCI150** Criminology

SSWK110** Introduction to Social Work and Social Welfare

WMST110** Introduction to Gender Studies

CONCENTRATION ELECTIVES

Additional Gateway courses in this Concentration

Courses beginning with the following prefixes: CRIJ, ECON, HIST, POLI, PSYC, SOCI, SSWK, or LITR course (EXCEPT LITR271, 273, 275, 277, 279)

Up to 2 courses in a world language (including American Sign Language): students who place beyond the first two courses will need a substitution from the department

AMSL110** American Sign Language I

AMSL111** American Sign Language II

ARBC110** Elementary Arabic I

ARBC111** Elementary Arabic II

CHNS110** Elementary Chinese I

CHNS111** Elementary Chinese II

COMM111** Media and Society

COMM215 Intercultural Communication

FREN110** Elementary French I
FREN111** Elementary French II
GEOG110** World Geography
GRMN110** Elementary German I
GRMN111** Elementary German II
HLTH200** Introduction to Women's Health Issues
HUMN120** Survey of World Religions
HUMN121 Christianity
HUMN122** Buddhism – An Introduction
HUMN125** Religion in America
HUMN126** Science and Religion
HUMN128** Holy War, Holy Peace in Islam, Judaism, Christianity
HUMN129** Eastern Religions
ITAL110** Elementary Italian I
ITAL111** Elementary Italian II
JOUR277 Public Affairs Reporting
JPNS101** Elementary Japanese I
JPNS102** Elementary Japanese II
MATH115 Elementary Statistics
MUSC103 World Music
MUSC105 American Music
SPAN110** Elementary Spanish I
SPAN111** Elementary Spanish II

Helping Professions and Public Service

The Helping Professions and Public Service concentration includes study related to what are commonly called the "helping professions," as well as other fields involving service in the public interest: education, psychology, social work, various therapies, fire science, and emergency management.

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****Indicates a course without pre-requisites or co-requisites**

Related Transfer Majors at Bucks

Biomedical Sciences (1105)
Business Administration (1009)
Communication Studies (1120)
Criminal Justice (1189)
English (1200)
Health Science (1108, Nurse Potential Emphasis*)
Health and Physical Education (1031)
Liberal Arts (1002)
Neuroscience (1194)
Pre K- 4 Early Education (4192)*
Psychology: Interpersonal Emphasis (1183)
Psychology: Pre-Professional Emphasis (1060)
Secondary Education: History (1180)
Secondary Education: Mathematics (1177)
Social Work (1130)

Related Occupational Majors at Bucks

Education: Paraprofessional Instructional Assistant (2034)
Emergency Management (2178)
Fire Science (2158)

Health Information Technology (2191)
Medical Assistant (2131)
Nursing (2035)*
Radiography (2202)*

Related Shared Majors

Students in shared majors may elect to take courses at Philadelphia, Montgomery, or Delaware County Community Colleges under this plan. Students who elect to enroll at these community colleges must be authorized by the Dean of Enrollment Services and will pay the host college sponsored student rate for courses that they take at the host college.

American Sign Language/Interpreter at Community College of Philadelphia
Dental Hygiene at Community College of Philadelphia
Dental Hygiene at Montgomery County Community College
Human Services at Montgomery County Community College

Related Credit Certificates at Bucks

Emergency Management Certificate (3179)
Fire Prevention and Investigation (3144)
Fire Science (3143)
Magnetic Resonance Imaging (3201; a POST-GRADUATE certificate)
Medical Assistant (3199)
Medical Assistant: Administrative (3148)
Phlebotomy (3166)
Recreational Leadership (3190)
Early Childhood Education (3198)

Related Non-Credit Certificates and/or Programs at Bucks

Child Development Associate (CDA) Certificate Program
LEED Green Associate credential
Civil Sitework Construction certificate
Certificate in Non-Profit Administration

Common names for related majors at other institutions

Music Therapy, Art Therapy

GATEWAY COURSES, **=no prereqs or coreqs

CHEM101 Chemistry A or CHEM121 Chemistry I (FORK: consider potential POS)
COMM101** Communication Theory
COMM105** Interpersonal Communication
CRIJ100 Introduction to the Administration of Criminal Justice
EDUC100 Foundations of Education or EDUC105 Foundations for Early Learning PreK – 4
(FORK: consider potential POS)
FRSC100** Introduction to Fire Science
HITT190** Introduction to Health Information Technology
HLTH110** Responding to Emergencies

KINS170** Individual Fitness and Wellness
KINS180** Foundations of Physical Education
MGMT100** Introduction to Business
MEDA120** Medical Terminology
MEDA140** College Keyboarding and Document Processing
PSYC110** Psychology of Personal Awareness
PSYC110 Introduction to Psychology
PUBS101** Introduction to Emergency Management
SOC110** Introduction to Sociology
SSWK110** Introduction to Social Work and Social Welfare

CONCENTRATION ELECTIVES

Additional Gateway courses in this Concentration

Courses beginning with the following prefixes: CRIJ, EDUC, FRSC, HLTH, MEDA, NEUR, PSYC, PUBS, SSWK, WMST

Up to 2 courses in a world language (including American Sign Language): students who place beyond the first two courses will need a substitution from the department

BIOL181 Human Anatomy and Physiology I OR BIOL115 Basic Human Anatomy (FORK: consider potential POS)

COMM215 Intercultural Communication

COMP115 Creative Writing I

KINS155** Lifeguarding

KINS183** Movement and Physical Education for Early Childhood

KINS190** Introduction to Recreation Leadership

MGMT250 Human Resource Management

SOC1140** Peoples of America

SOC1150** Criminology

SOC1160** Marriage and the Family

SOC1230 Contemporary Social Problems

SPMT202** Facility Management and Event Planning

Humanities

The Humanities concentration includes subjects and disciplines related to communications, speech, rhetoric, travel, philosophy, religion, history, architecture, cultural studies, gender studies, and languages.

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****Indicates a course without pre-requisites or co-requisites**

Related Transfer Majors at Bucks

Communication Studies (1120)
English (1200)
History (1196)
Journalism (1045)
Liberal Arts (1002)
Secondary Education: History (1180)

Related Occupational Majors at Bucks

Hospitality Management (2022)
Meeting, Convention and Event Planning (2171)

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American Sign Language/Interpreter at Community College of Philadelphia
Architecture at Community College of Philadelphia
Theater at Montgomery County Community College

Related Credit Certificates at Bucks

Historic Preservation (3127)

Related Non-Credit Certificates and/or Programs at Bucks

Certificate in Non-Profit Administration

Common names for related majors at other institutions

Comparative Literature, American Studies, Humanities, Philosophy, Folklore, Speech and Rhetoric, Gender Studies, Women's Studies, Religion, Popular Culture, world languages (e.g. French, Spanish)

GATEWAY COURSES, **=no prereqs or coreqs

any LITR, HIST, or HUMN class

COMP111 English Composition II

HOSP100** Introduction to Tourism and Hospitality

JOUR175 News Reporting and Writing

PHIL125** Introduction to Philosophy

VAFA191 Art History Before 1450

VAFA192 Art History After 1450

VAFA193 History of Modern Art

WMST110 Introduction to Gender Studies

CONCENTRATION ELECTIVES

Additional Gateway courses in this Concentration

Courses beginning with the following prefixes: COMM, JOUR, PHIL

Up to 2 courses in a world language (including American Sign Language): students who place beyond the first two courses will need a substitution from the department

COMT101** Introduction to Theatre

EDUC100 Foundations of Education

HLTH200** Introduction to Women's Health Issues

MGMT100** Introduction to Business

MUSC100** Music Fundamentals

MUSC101 Introduction to Music

MUSC103 World Music

MUSC107** American Pop Culture: History of Rock

VACV141 The Art of Independent Cinema

VACV142 The Art of Theatrical Cinema

VAFA194 American Art History

VAFA195 Non-Western Art History

VAFW190 History of American Furniture

VAGD190 Graphic Design History

VAPH196 History of Photography

Management, Leadership, Entrepreneurship, and Business

The Management, Leadership, Entrepreneurship, and Business concentration includes subject areas related to leadership, government, for-profit and not-for-profit businesses, finance, and administration.

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****Indicates a course without pre-requisites or co-requisites**

Related Transfer Majors at Bucks

Business Administration (1009)

Communication Studies (1120)

Social Work (1130)

Sport Management (1154)

Related Occupational Majors at Bucks

Accounting (2016)

Emergency Management (2178)

Entrepreneurship and Small Business Management (2054)

Hospitality Management (2022)

Management/Marketing (2015)

Medical Laboratory Technician (2203)

Meeting, Convention and Event Planning (2171)

Paralegal Studies (2128)*

Related Shared Majors

Students in shared majors may elect to take courses at Philadelphia, Montgomery, or Delaware County Community Colleges under this plan. Students who elect to enroll at these community colleges must be authorized by the Dean of Enrollment Services and will pay the host college sponsored student rate for courses that they take at the host college.

Facilities Management at Community College of Philadelphia
Human Services at Montgomery County Community College

Related Credit Certificates at Bucks

Emergency Management Certificate (3179)
Meeting, Convention, and Event Planning (3172)
Medical Assistant: Administrative (3148)
Medical Coding/Billing (3174)
Paralegal (3129)
Recreational Leadership (3190)
Social Media and Digital Marketing (3099)

Related Non-Credit Certificates and/or Programs at Bucks

Construction Project Management certificate; Construction Supervision certificate; Construction Supervision Emphasis in Building certificate; Construction Supervision Emphasis in Civil Sitework certificate; Certificate in Non-Profit Administration

Common names for related majors at other institutions

International Business, Organizational Dynamics, Public Administration

GATEWAY COURSES, **=no prereqs or coreqs

ACCT103** Introductory Accounting or ACCT105 Financial Accounting (FORK: consider potential POS)
HOSP100** Introduction to Tourism and Hospitality
KINS190** Introduction to Recreation Leadership
LAWS100** Introduction to Paralegal Studies
MGMT100 Introduction to Business
MGMT110** Small Business Management
MGMT155** Introduction to Entrepreneurship
MKTG220** Digital Marketing
MKTG230** Social Media Marketing
POLI120** American State and Local Government
PUBS101** Introduction to Emergency Management
REAL101** Real Estate Fundamentals
SOC110** Introduction to Sociology
SPMT200** Introduction to Sport Management

CONCENTRATION ELECTIVES

Additional Gateway courses in this Concentration
Courses beginning with the following prefixes: ACCT, PUBS, MGMT, MKTG POLI
COMM101** Communication Theory
COMM105** Interpersonal Communication
COMP114 Technical Writing
CRIJ100 Introduction to the Administration of Criminal Justice
CRIJ250 Police Organization and Administration

CRIJ275 Introduction to Correctional Administration
ECON130** Introduction to Labor Relations
HLTH110** Responding to Emergencies
HIST219** Management of Historic Sites
HOSP110 Hospitality Financial Management
HOSP111** Conference and Business Meeting Planning
HOSP200 Hotel and Lodgings Operations Management
MEDA140** College Keyboarding and Document Processing
MEDA215 Medical Administrative Procedures
PSYC105 Introduction to Group Dynamics
REAL102 Real Estate Practice
SPMT202 Facility Management and Event Planning
SSWK110** Introduction to Social Work and Social Welfare

Media and Technology

The Media and Technology concentration includes telecommunications, electronic, and digital technologies, as well as the subject material commonly employing such technologies (e.g. social media, journalism, advertising, and cinema).

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Related Transfer Majors at Bucks

Cinema Video Production (1181)*
Communication Studies (1120)
Cybersecurity (1203)
Graphic Design (1110)
Information Science (1102)
Journalism (1045)
Multimedia (1175)*
Photography (1195)*

Related Occupational Majors at Bucks

Health Information Technology (2191)
Information Technology Studies (2164)

Related Shared Majors

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Game Simulation and Design at Montgomery County Community College
Sound Recording and Music Technology at Community College of Philadelphia

Related Credit Certificates at Bucks

Applied Photography (3185)

Magnetic Resonance Imaging (3201; a POST-GRADUATE certificate)

Social Media and Digital Marketing (3099)

Web Design and Multimedia (3147)

Related Non-Credit Certificates and/or Programs at Bucks

Common names for related majors at other institutions

Media Studies, Cultural Studies, Popular Culture, Telecommunications, Game Design, Digital Media, Communications

GATEWAY COURSES, **=no prereqs or coreqs

CISC115 Computer Science I

COMM101** Communication Theory

COMM111** Media and Society

HITT190** Introduction to Health Information Technology

MKTG220** Digital Marketing

MKTG230** Social Media Marketing

VACV135** Video Studio Production I

VAFA101** 2-D Design Fundamentals

VAFA104 2-D Design Color

VAMM100** Digital Imaging

VAPH110** Digital Photography Fundamentals

CONCENTRATION ELECTIVES

Additional Gateway courses in this Concentration; courses beginning with the following prefixes: JOUR, VACV, VAGD, VAMM

CISC122 Computer Science II

CISC128** Comparative Operating Systems

CISC135 Programming for Mobile Devices

CISC143 Essentials of Networking

CISC227 Web Programming

COMT103** Introduction to Acting

COMT209 Acting for the Camera

MEDA120** Medical Terminology

MGMT100** Introduction to Business

MKTG200** Advertising

VAPH210 Digital Photography II

Numbers, Engineering, and Computer Technology

Please note: because of the extended math sequencing in many of the areas within this concentration, some students might need to begin this Concentration after taking one or more preliminary math courses.

The Numbers, Engineering, and Computer Technology concentration includes disciplines and fields related to mathematics, accounting, computer software and hardware, and engineering.

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****Indicates a course without pre-requisites or co-requisites**

Related Transfer Majors at Bucks

Business Administration (1009)
Computer Science (1103)
Cybersecurity (1203)
Engineering (1028)*
Information Science (1102)
Mathematics (1006)
Secondary Education: Mathematics (1177)

Related Occupational Majors at Bucks

Accounting (2016)
Engineering Technology (2193)
Computer Networking Technology (2136)
Health Information Technology (2191; Information Technology Studies (2164)
Management/Marketing (2015)

Related Shared Majors

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County Community Colleges. Students who elect to pursue the major(s) listed below at the designated community college(s) must be authorized by the Dean of Enrollment Services and will pay the host college sponsored student rate for courses that they take at the host college.

Architecture at Community College of Philadelphia
Automated Manufacturing and Robotics at Delaware County Community College
Automotive Technology at Community College of Philadelphia
Computer Assisted Design Construction at Community College of Philadelphia
Cyber Security Certificate at Montgomery County Community College
Machine Tool Technology at Delaware County Community College
Mechanical Technology at Delaware County Community College
Respiratory Technology at Community College of Philadelphia

Related Credit Certificates at Bucks

Accounting and Taxation (3176); Bookkeeping (3145); Meeting, Convention, and Event Planning (3172); Medical Coding/Billing (3174); Computer Networking Technology (3133); Computer Hardware Installation and Maintenance (3162)

Related Non-Credit Certificates and/or Programs at Bucks

Special Enrolled Agent Test Prep (tax practitioner); Industrial Maintenance Program (Electro-Mechanical); Construction Estimating Certificate; Game Simulation and Design (Montco); Medical Laboratory Technology (Montco); Software Engineering Certificate (Montco); Surgical Technology (Montco)

Common names for related majors at other institutions

GATEWAY COURSES, **=no prereqs or coreqs

ACCT103** Introductory Accounting or ACCT105 Financial Accounting (FORK: consider potential POS)
CISC115 Computer Science I
ENGR112 Engineering Design
HITT190** Introduction to Health Information Technology
MATH120 College Algebra or higher level Math course

CONCENTRATION ELECTIVES

Additional Gateway courses in this Concentration
Courses beginning with the following prefixes: ACCT, CISC, ENGR, HITT
Any course at the 100-level or above with the prefix MATH EXCEPT MATH103 Intermediate Algebra
MGMT120 Business Mathematics

Science, Nature, and Health

Please note: this concentration is related to several majors with courses that require pre-requisite courses to be completed prior to taking the concentration gateway course (e.g. HLTH120/120N, CHEM, BIOL), so students should be aware of requirements and prerequisites in potential programs of study.

The Science, Nature, and Health Concentration includes disciplines and fields related to physical, natural, health, and environmental sciences; as well as professions anchored in such study, such as nursing, wellness, health information technology, and kinesiology.

***Highly Structured Programs:** because of accreditation, especially tight course sequencing, and/or special admission/placement processes, Highly Structured Programs require students to officially declare these majors to progress through the highly scheduled sequences at a reasonable rate. In many cases, particular courses in the major are only open to students who have declared that major. While all programs benefit from early and firm commitment, Highly Structured majors need to be declared as early as possible in order to avoid significant delays in progress and accumulating courses that do not fit into the desired program.

Fork courses: these courses reflect an option of two similar courses which represent a "fork in the road" for students, because they are requirements for DIFFERENT programs and are NOT interchangeable in many cases. Usually one of these courses is at a higher level than the other and requires different pre-requisites. Students need to choose VERY carefully so that they don't have to back-track and take the other course. For example: students interested in a major requiring BIOL121 as a preliminary biology courses should NOT take BIOL101, but rather aim for the CHEM prerequisite for BIOL121. Fork courses are marked by and "or" choice and the parenthetical phrase "FORK: consider potential POS."

****Indicates a course without pre-requisites or co-requisites**

Related Transfer Majors at Bucks

Biology (1003)
Biomedical Sciences (1105)
Chemistry (1004)
Environmental Science (1188)
Exercise Science (1197)
Health and Physical Education (1031)
Health Science (1108)*
Neuroscience (1194)
Psychology: Pre-Professional Emphasis (1060)
Science (1117)

Related Occupational Majors at Bucks

Biotechnology (2119)
Fire Science (2158)
Health Information Technology (2191)
Medical Assistant (2131)

Medical Laboratory Assistant (2203)
Nursing (2035)*
Radiography (2202)*

Related Shared Majors

Students in shared majors may elect to take courses at Philadelphia, Montgomery, or Delaware County Community Colleges. Students who elect to pursue the major(s) listed below at the designated community college(s) must be authorized by the Dean of Enrollment Services and will pay the host college sponsored student rate for courses that they take at the host college.

Chemical Technician at Community College of Philadelphia
Dental Hygiene at Community College of Philadelphia
Dental Hygiene at Montgomery County Community College
Respiratory Technology at Community College of Philadelphia
Medical Laboratory Technology at Montgomery County Community College
Surgical Technology at Montgomery County Community College

Related Credit Certificates at Bucks

Fire Prevention and Investigation (3144)
Fire Science (3143)
Historic Preservation (3127)
Magnetic Resonance Imaging (3201; a POST-GRADUATE certificate)
Medical Assistant (3199)
Medical Assistant: Administrative (3148)
Medical Coding/Billing (3174)
Phlebotomy (3166)
Biotechnology (3186)

Related Non-Credit Certificates and/or Programs at Bucks

LEED Green Associate credential, Medical Laboratory Technician Program

Common names for related majors at other institutions

Physics, Geology, Geography, Earth Science, Sustainability

GATEWAY COURSES, **=no prereqs or coreqs

BIOL101 Biological Science I OR BIOL121 Biological Principles I (FORK: consider potential POS)
BIOL115 Basic Human Anatomy or BIOL181 Human Anatomy and Physiology I (FORK: consider potential POS)
BIOT105** Introduction to Biotechnology
CHEM101 Chemistry A or CHEM121 Chemistry I (FORK: consider potential POS)
FRSC100** Introduction to Fire Science
HITT190** Introduction to Health Information Technology
HLTH103** Life and Health
HLTH120 or HLTH120N Nutrition (FORK: consider potential POS)
MEDA120** Medical Terminology

PSYC110 Introduction to Psychology
SCIE105** Introduction to Environmental Science

CONCENTRATION ELECTIVES

Additional Gateway courses in this Concentration

Courses beginning with the following prefixes: BIOL, BIOT, CHEM, EXSC, HITT, HLTH,
MEDA, NEUR, PHYS, SCIE

COMM105** Interpersonal Communication

FRSC112** Fire Behavior and Combustion

FRSC202 Hazardous Materials

GEOG110** World Geography

HIST201** Building Conservation

HIST216** Historic Garden Preservation

HOSP105** Sanitation and Safety (Certification Course)

KINS180** Foundations of Physical Education or KINS183** Movement and Physical
Education for Early Childhood (FORK: consider potential POS)

PSYC125** Psychological Techniques of Stress Management

PSYC180 Human Growth and Development

Service Industries

The Service Industries concentration includes study related to what are commonly called the "service industries": e.g. food, hospitality, travel, finance, accounting, sports, information technology, wellness, retail.

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Fork courses: these courses reflect an option of two similar courses which represent a "fork in the road" for students, because they are requirements for DIFFERENT programs and are NOT interchangeable in many cases. Usually one of these courses is at a higher level than the other and requires different pre-requisites. Students need to choose VERY carefully so that they don't have to back-track and take the other course. For example: students interested in a major requiring BIOL121 as a preliminary biology courses should NOT take BIOL101, but rather aim for the CHEM prerequisite for BIOL121. Fork courses are marked by and "or" choice and the parenthetical phrase "FORK: consider potential POS."

****Indicates a course without pre-requisites or co-requisites**

Related Transfer Majors at Bucks

Communication Studies (1120)
Cybersecurity (1203)
Business Administration (1009)
Computer Science (1103)
Exercise Science (1197)
Information Science (1102)
Multimedia (1175)*
Sport Management (1154)

Related Occupational Majors at Bucks

Accounting (2016)
Chef Apprenticeship: Foods Emphasis (2056)*
Chef Apprenticeship: Pastry Emphasis (2098)*
Emergency Management (2178)
Entrepreneurship and Small Business Management (2054)
Health Information Technology (2191)
Hospitality Management (2022)
Information Technology Studies (2164)
Management/Marketing (2015)
Medical Assistant (2131)

Meeting, Convention and Event Planning (2171)
Paralegal Studies (2128)*

Related Shared Majors

Students in shared majors may elect to take courses at Philadelphia, Montgomery, or Delaware County Community Colleges. Students who elect to pursue the major(s) listed below at the designated community college(s) must be authorized by the Dean of Enrollment Services and will pay the host college sponsored student rate for courses that they take at the host college.

Facilities Management at Community College of Philadelphia
Interior Design at Community College of Philadelphia
Cyber Security Certificate at Montgomery County Community College
Software Engineering Certificate at Montgomery County Community College

Related Credit Certificates at Bucks

Accounting and Taxation (3176)
Bookkeeping (3145)
Culinary Arts (3154)
Emergency Management Certificate (3179)
Meeting, Convention, and Event Planning (3172)
Paralegal (3129)
Medical Assistant (3199)
Medical Assistant: Administrative (3148)
Medical Coding/Billing (3174)
Recreational Leadership (3190)
Social Media and Digital Marketing (3099)

Related Non-Credit Certificates and/or Programs at Bucks

Floral Design Certificate Program; Special Enrolled Agent Test Prep (tax practitioner); courses to prepare for Pennsylvania Real Estate Brokers License examination; Locomotive Engineer + Conductor Basic Training Program; Construction Estimating certificate; Construction Practices certificate

Common names for related majors at other institutions

Travel and Tourism

GATEWAY COURSES, **=no prereqs or coreqs

ACCT105 Financial Accounting
CISC115 Computer Science I
COMM101** Communication Theory
HITT190** Introduction to Health Information Technology
HLTH103** Life and Health
HOSP100** Introduction to Hospitality Management
HOSP105** Sanitation and Safety (Certification Course)
HOSP111** Conference and Business Meeting Planning
KINS190** Introduction to Recreational Leadership

LAWS100** Introduction to Paralegal Studies
MEDA120** Medical Terminology
MEDA140** College Keyboarding and Document Processing
MGMT100** Introduction to Business
MKTG220** Digital Marketing
MKTG230** Social Media Marketing
PUBS101** Introduction to Emergency Management
REAL101** Real Estate Fundamentals
SPMT200** Introduction to Sport Management
SPMT202** Facility Management and Event Planning

CONCENTRATION ELECTIVES

Additional Gateway courses in this Concentration

Courses beginning with the following prefixes: ACCT, CISC, CULN, EXSC, HITT, HLTH
(HLTH120/HLTH120—FORK: consider potential POS), HOSP, MEDA, MGMT,
MKTG, PUBS, SPMT

BIOL181 Human Anatomy and Physiology I
COMM101** Communication Theory
COMM105** Interpersonal Communication
COMM215 Intercultural Communication
COMP114 Technical Writing
HLTH110** Responding to Emergencies
MKTG215 Principles of Marketing
REAL102 Real Estate Practice

Words, Texts, and Communication

The Words, Texts, and Communication concentration includes disciplines and fields related to producing communicative informative texts, including speaking, writing, theater, office communication, research, and digital communication.

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Fork courses: these courses reflect an option of two similar courses which represent a "fork in the road" for students, because they are requirements for DIFFERENT programs and are NOT interchangeable in many cases. Usually one of these courses is at a higher level than the other and requires different pre-requisites. Students need to choose VERY carefully so that they don't have to back-track and take the other course. For example: students interested in a major requiring BIOL121 as a preliminary biology courses should NOT take BIOL101, but rather aim for the CHEM prerequisite for BIOL121. Fork courses are marked by and "or" choice and the parenthetical phrase "FORK: consider potential POS."

****Indicates a course without pre-requisites or co-requisites**

Related Transfer Majors at Bucks

Business Administration (1009)
Cinema Video Production (1181)*
Communication Studies (1120)
English (1200)
History (1196)
Journalism (1045)
Liberal Arts (1002)
Psychology: Interpersonal Emphasis (1183)
Secondary Education: History (1180)
Social Work (1130)

Related Occupational Majors at Bucks

Management/Marketing (2015)
Paralegal Studies (2128)*

Related Shared Majors

Students in shared majors may elect to take courses at Philadelphia, Montgomery, or Delaware County Community Colleges. Students who elect to pursue the major(s) listed below at the designated community college(s) must be authorized by the Dean of Enrollment Services and will pay the host college sponsored student rate for courses that they take at the host college.

Theater at Montgomery County Community College

Related Credit Certificates at Bucks

Paralegal (3129)

Social Media and Digital Marketing (3099)

Related Non-Credit Certificates and/or Programs at Bucks

Certificate in Non-Profit Administration

Common names for related majors at other institutions

Composition, Library Science, Media Studies, Speech and Rhetoric, Technical Writing, Technical Communication, Fine Arts--Writing, Writing, majors in particular world languages

GATEWAY COURSES, **=no prereqs or coreqs

Any LITR course

COMM101** Communication Theory

COMM105** Interpersonal Communication

COMM110 Effective Speaking

COMP115 Creative Writing I

HIST111** History of Western Civilization I

HIST112** History of Western Civilization II

HIST113** Global History: Ancient and Medieval World

HIST114** Global History: Modern World

JOUR175 News Reporting and Writing

LAWS100** Introduction to Paralegal Studies

MGMT100** Introduction to Business

MGMT135 Business Communication

CONCENTRATION ELECTIVES

Additional Gateway courses in this Concentration

Courses beginning with the following prefixes: COMM, COMP, HIST, JOUR, LITR

Up to 2 courses in a world language (including American Sign Language): students who place beyond the first two courses will need a substitution from the department

MGMT130** Business Law

MKTG200** Advertising

MKTG220** Digital Marketing

MKTG230** Social Media Marketing

PSYC110 Introduction to Psychology

SOCI110** Introduction to Sociology

VACV130 Media Scriptwriting