Transfer Master Agreement

Between

The University of Pittsburgh at Bradford

and

Jamestown Community College
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Transfer Master Agreement

The University of Pittsburgh at Bradford
and
Jamestown Community College

The University of Pittsburgh at Bradford (UPB) and Jamestown Community College (JCC) set forth the conditions upon which UPB will guarantee admission of students from JCC into UPB’s baccalaureate programs. This document sets forth those conditions, which the parties hereby agree to. The requirements that follow apply to all programs at UPB unless otherwise noted.

A. Rationale for the purpose of the agreement

This agreement applies to courses that are currently constituted and delivered at JCC as of the 2010 - 2011 academic year. The purpose of this agreement is to make available to students of JCC the opportunity to pursue a Bachelor of Arts or Bachelor of Science degree, or the Bachelor of Science degree in Nursing.

B. Description of how the agreement may be renewed or terminated

1. JCC agrees to promptly notify UPB upon any substantive modification to courses listed in this document, and further agrees that the terms of this agreement will no longer hold unless UPB provides a written approval that the curriculum changes do not alter the intent of this agreement.

2. UPB agrees to provide JCC with information about UPB’s programs of study and any changes to the curriculum, should they occur. Conditions for admission are stipulated in section C of this document.

3. The terms of this agreement shall remain in effect, except as stipulated in certain previous terms as listed herein, until terminated by either party. Any party may terminate the agreement with or without cause, on the provision of 120 days written notice to the other parties.

C. Admission requirements and transfer of academic credits

1. UPB agrees that students from JCC will be admitted to their choice of degree program from among those outlined in this document given that they satisfy the following conditions:

   a. Successful completion of up to 75 transferable credits with a grade of "C" = 2.00 or better:

   b. A cumulative grade point average (GPA) of 2.5 or better.

   c. Students must meet UPB conduct standards in regard to known behavioral problems.

   d. Students must complete the application and deposit requirements by May 1.

JCC students who transfer a minimum of 60 credit hours with grades of “C” or higher will be admitted to UPB with junior standing. JCC students who enter UPB with at least 54 credit hours that fulfill requirements for any degree program outlined in this document, maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements in four full-time fall and spring semesters at UPB unless otherwise specifically noted.

This agreement constitutes the entire agreement and terms of understanding among the parties named herein and supersedes any prior agreements or understandings among the parties.
UPB and JCC have entered this agreement on the date indicated and witnessed by the signatures below:

Robert A. Phillips, Transfer Articulation Coordinator  

Marilyn A. Zagora, Vice President and Dean of Academic Affairs  

Steven E. Hardin, Vice President and Dean of Academic Affairs  

James L. Baldwin, Assistant Dean of Academic Affairs and Registrar  

date
General Education Requirements Summary

General Education Requirements
A minimum of 120 credits is required, 30 of which must be upper-level.

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy 6 credits
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics 3-4 credits
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience
The Human Experience is Pitt-Bradford’s General Education program. It is important that in addition to the depth and breadth of knowledge acquired in a student’s major discipline of study, every student must have an appreciation and understanding of the many other fields of study that affect our understanding of the human experience. The college’s General Education Program is designed to provide that appreciation and understanding, as well as the foundation skills essential for academic success and lifelong learning. The Human Experience comprises these five subcategories: I. Arts and Letters; II. Behavioral, Economics, and Political Sciences; III. History, Culture, and Philosophical Inquiry; IV. Physical, Life, and Computational Sciences; and V. Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

I. Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550
II. Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral sciences, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
- JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
- JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

III. History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

IV. Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

V. Physical Education 1-3 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290
Bachelor of Science in Accounting
A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101  English Composition I
ENG 0102  English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
Please note that the major requires Applied Calculus
-JCC: MAT 1630, MAT 1640, MAT 1710, MAT 1720

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
-JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
-JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
-JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
-JCC: MAT 1540 (Statistics required)

Physical Education 2-3 credits
One course in the Department of Physical Education (GE: Physical Education).
-JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC. Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

COURSES WITHIN THE MAJOR
ACCT 0201 Financial Accounting Concepts
-JCC: BUS 1510
ACCT 0202 Managerial Accounting Concepts
-JCC: BUS 1520
ACCT 1301 Intermediate Accounting I
ACCT 1302 Intermediate Accounting II
ACCT 1312 Intermediate Accounting III
ACCT 1303 Strategic Cost Management
ACCT 1304 Federal Income Taxes
ACCT 1306 Federal Corporate Income Taxes
ACCT 1320 Accounting Information Systems
ACCT 1305 Auditing
ACCT 1401 Advanced Accounting
OUTER BUSINESS COURSEWORK
ECON 0102 Microeconomic Principles
- JCC: ECO 2610
ECON 0103 Macroeconomic Principles
- JCC: ECO 2620
ECON 0204 Statistical Methods
- JCC: MAT 1540 (Statistics required)
FIN 1301 Corporate Finance
- JCC: BUS 2510
FIN 1302 Investments or FIN 1303 Analysis of Financial Statements
FIN 1301 Investments or FIN 1303 Analysis of Financial Statements
MIS 0103 Microcomputing for Management
- JCC: CSC 1560
MIS 0208 Business Information Systems
MRKT 1301 Principles of Marketing
- JCC: BUS 2550
MGMT 0110 Principles of Management
- JCC: BUS 2570
MGMT 1304 Business Law
- JCC: BUS 2530, BUS 2540
MGMT 1451 Capstone Strategic Management

COURSE WORK OUTSIDE THE MAJOR
MATH 0136 Applied Calculus
- JCC: MAT 1630, MAT 1640, MAT 1710, MAT 1720
COMM 0104 Public Speaking
- JCC: CMM 1610
Bachelor of Science in Applied Mathematics

A minimum of 120 credits are required, 30 of which must be upper-level.

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT MAT 1710 (see the major requirements)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry  9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
-JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences  9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
-JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
-JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
-JCC: MAT 1710 (required for the major)

Physical Education  1 credits
One course in the Department of Physical Education (GE: Physical Education).
-JCC: Any PHE course or CRI 1290

Major requirements
MATH 0140  Calculus I
-JCC: MAT 1710
MATH 0150  Calculus II
-JCC: MAT 1720
MATH 0201  Calculus III
-JCC: MAT 2650
MATH 0202  Ordinary Differential Equations
-JCC: MAT 2680
MATH 0206  Linear Algebra
-JCC: MAT 2670
MATH 1303  Mathematical Modeling
MATH 1308  Numerical Analysis
MATH 1309  Applied Probability and Statistics
MATH 1315  Advanced Differential Equations
MATH 1318  Introduction to Analysis
MATH 1452  Capstone: Mathematics
Mathematics upper-level elective (3 credits)

Other required courses:
CS 0101 Introduction to Computer Science
or CS 0106 Computational Methods
   -JCC: CSC 1510, CSC 1570, CSC 1590
CS 1304 Introduction to Simulation
or CS 1316 Computational Linear Algebra
Bachelor of Science in Biology
A minimum of 120 credits are required, 30 of which must be upper-level.

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0132, 0136 or 0140 Precalculus, Applied Calculus, or Calculus
-JCC: MAT 1600, MAT 1630, MAT 1710

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580
Economics (GE: Economics)
- JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: CHE 1550, CHE 1560 (courses are required for the major)

Life Sciences (GE: Life Sciences)
- JCC: BIO 1570 or BIO 7505 (Biology: A Molecular Approach), BIO 1580 (or both BIO 2660 and BIO 2670 – 8 credits can replace BIO 1580) (courses are required for the major)

Computational Sciences (GE: Computational Sciences)
N/A

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 0101</td>
<td>Introduction to Cell and Molecular Biology</td>
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<tr>
<td>BIOL 0102</td>
<td>Introduction to Biodiversity</td>
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<tr>
<td>BIOL 0203</td>
<td>Genetics</td>
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<tr>
<td>BIOL 0217</td>
<td>Principles of Ecology and Evolution</td>
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<tr>
<td>BIOL 1451</td>
<td>Capstone</td>
</tr>
<tr>
<td>BIOL 1453</td>
<td>Senior Seminar</td>
</tr>
</tbody>
</table>

Upper-level Biology Electives (two of which must include a lab): 16 credits

Other required courses

CHEM 0101 and 0102 General Chemistry I and II
- JCC: CHE 1550, CHE 1560
CHEM 0206 and 0207  Organic Chemistry I with Lab
   -JCC: CHE 2530

The mathematic requirement may be satisfied by taking any one of the following: MATH 0132, 0136, or 0140
Pre-calculus, Applied Calculus, OR Calculus 1
   -JCC: MAT 1600, MAT 1630, MAT 1710

The physics requirement may be satisfied by taking any of the following:
PHYS 0101, 0102, 0103, 0201, or 0202 Introduction to Physics I, Introduction to Physics II, Concepts of Modern
Physics, Foundations of Physics I, OR Foundations of Physics II
   -JCC: PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710

Students interested in applying to schools of chiropractic, dentistry/dental medicine, medicine, optometry, podiatry,
and veterinary medicine must complete one year of Organic Chemistry with labs (CHEM 0206, 0207, 0208, and
0209); one year of General Physics with labs (PHYS 0101 and 0102 or 0201, 0202, 0203, and 0204); and one
semester of Calculus (Math 0140).
Bachelor of Science in Biology Education (7-12) program

Due to the certification requirements of the biology education (7-12) program, additional language serves as an addendum to the first page of the Transfer Master Agreement describing the relationship and requirements for admission.

C. Admission requirements and transfer of academic credits

1. UPB agrees that students from JCC will meet the admissions standards of the Bachelor of Science in Biology Education (7-12) program given that they satisfy the following conditions:

a. Successful completion of up to 75 transferable credits with a grade of "C" = 2.00 or better:

b. A cumulative grade point average (GPA) of 2.6 or better.

c. Students must meet UPB conduct standards in regard to known behavioral problems.

2. UPB agrees that JCC's students who meet the above admissions standards and complete the application and deposit requirements by May 1 will be admitted into the Bachelor of Science in Biology Education (7-12) program.

JCC students who transfer a minimum of 60 credit hours with grades of "C" or higher will be admitted to UPB with junior standing. However, admission to the education program requires the following:

- Students must pass the Praxis I series.
- Students must have a 3.0 minimum cumulative grade point average at Pitt-Bradford, with no grade below a “C-“ in a required course.
- Students must have current Pennsylvania clearances (Child Abuse and Criminal Check). Clearances are only good for one year. Non-Pennsylvania residents must sign and have notarized a form that states that they have no child abuse or criminal records in their home state.
- Students must complete the pre-requisite courses EDUC 0204 (students can take EDU 1510 at JCC) and EDUC 0210. JCC students who transfer to UPB and who subsequently complete these courses with no grade below a “C-“ will be admitted to the education department.
- JCC students who enter UPB with at least 54 credit hours including EDU 1510 (EDUC 0204) that fulfill requirements for the Bachelor of Science in Biology Education (7-12), maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements for the BS degree in four, full-time fall and spring semesters at UPB.

Courses required from the University of Pittsburgh at Bradford to complete the Bachelor of Science in Biology Education (7-12)

A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.)

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)
The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western

- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
- JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
- JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
- JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Note: Two semesters of a language is required for any student seeking New York state certification.

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
- JCC: BUS 2580, CMM 1510, CMM 2600, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
- JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720
Physical, Life, and Computational Sciences 9-12 credits

Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
-JCC: CHE 1550, CHE 1560 (courses are required for the major)

Life Sciences (GE: Life Sciences)
-JCC: BIO 1570 or BIO 7505 (Biology: A Molecular Approach), BIO 1580 (or both BIO 2660 and BIO 2670 – 8 credits - can replace BIO 1580) (courses are required for the major)

Computational Sciences (GE: Computational Sciences)
N/A

Physical Education 1 credits

One course in the Department of Physical Education (GE: Physical Education).
-JCC: Any PHE course or CRI 1290

Major Requirements

Course Requirements in the Major (students must receive a C- or better in all core courses, and a minimum grade of C is required for any course to transfer from JCC). Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

BIOL 0101 Introduction to Cell and Molecular Biology
-JCC: BIO 1570

BIOL 0102 Introduction to Biodiversity
-JCC: BIO 1580

BIOL 0203 Genetics
-JCC: BIO 2560

BIOL 0217 Introduction to Ecology & Evolution

BIOL 1451 Capstone/Upper-Level Writing

BIOL 1453 Senior Seminar

Upper Level Biology Electives (8 credits)

CHEM 0101 and 0102 General Chemistry I and II
-JCC: CHE 1550, CHE 1560

MATH 0132 or 0136 or 0140
-JCC: MAT 1600, MAT 1630, MAT 1710

MATH (Second college-level math required)
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

PHYS 0101 or 0102 or 0103 or 0201 or 0202
-JCC: PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710

EDUC 0204 Introduction to Education
-JCC: EDU 1510

EDUC 0215 English Language Learners

EDUC 0220 Special Education Law

EDUC 1301 Instructional Technology

EDUC 1307 Secondary Methods

EDUC 1325 Development of Exceptional Children
-JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)

EDUC 1330 Educating Exceptional Children
-JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)

EDUC 1350 Educational Psychology and Measurement

EDUC 1378 Reading & Writing in Content Curriculum

EDUC 0210 Education Practicum 1
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<td>EDUC 1481</td>
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</table>
Bachelor of Arts in Broadcast Communications

A minimum of 120 credits are required, 30 of which must be upper-level.

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520 (Please note that THE 1510 is required in the major).

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580 (Please note that CMM 1510 is required in the major).

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry  
9 credits

Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, IGE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences  
9-12 credits

Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540 (Statistics required)

Physical Education  
1 credits

One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
COMM 0102  Survey of Broadcasting
- JCC: CMM 1650
COMM 0103  Broadcast Journalism
COMM 0202  Radio Production Workshop
- JCC: CMM 7506 (Introduction to Radio/Introduction to Radio Fieldwork)
COMM 0203  Introduction to Television Production
- JCC: CMM 1630
COMM 1301  Advanced Television Production
COMM 1302  Media Advertising
COMM 1401  Broadcast Programming and Management
COMM 1403  Current Issues in Mass Media
COMM 1451  Capstone: Communications
COMM 0101  Introduction to Human Communication
or COMM 0104  Public Speaking
- JCC: CMM 1510 or CMM 1610
COMM 0201  The Mass Media and Society
- JCC: CMM 2610
COMM 0210  Social Media Communication

Required minor (Transfer students who have earned a previous degree do not need to complete a minor.)
Bachelor of Science in Business, Computer and Information Technology K-12 program

Due to the certification requirements of the Business, Computer and Information Technology K-12 program, additional language serves as an addendum to the first page of the Transfer Master Agreement describing the relationship and requirements for admission.

C. Admission requirements and transfer of academic credits

1. UPB agrees that students from JCC will meet the admissions standards of the Bachelor of Science in Business, Computer and Information Technology K-12 program given that they satisfy the following conditions:

a. Successful completion of up to 75 transferable credits with a grade of "C" = 2.00 or better:

b. A cumulative grade point average (GPA) of 2.6 or better.

c. Students must meet UPB conduct standards in regard to known behavioral problems.

2. UPB agrees that JCC's students who meet the above admissions standards and complete the application and deposit requirements by May 1 will be admitted into the Bachelor of Science in Business, Computer and Information Technology K-12 program.

JCC students who transfer a minimum of 60 credit hours with grades of "C" or higher will be admitted to UPB with junior standing. However, admission to the education program requires the following:

- Students must pass the Praxis I series.
- Students must have a 3.0 minimum cumulative grade point average at Pitt-Bradford, with no grade below a "C-" in a required course.
- Students must have current Pennsylvania clearances (Child Abuse and Criminal Check). Clearances are only good for one year. Non-Pennsylvania residents must sign and have notarized a form that states that they have no child abuse or criminal records in their home state.
- Students must complete the pre-requisite courses EDUC 0204 (students can take EDU 1510 at JCC) and EDUC 0210. JCC students who transfer to UPB and who subsequently complete these courses with no grade below a “C-” will be admitted to the education department.
- JCC students who enter UPB with at least 54 credit hours including EDU 1510 (EDUC 0204) that fulfill requirements for the Bachelor of Science in Biology Education (7-12), maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements for the BS degree in four, full-time fall and spring semesters at UPB.

Courses required from the University of Pittsburgh at Bradford to complete the Bachelor of Science in Business, Computer and Information Technology K-12

A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.)

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
Please note that the major requires Applied Calculus
-JCC: MAT 1630, MAT 1710
The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
- JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
- JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
- JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Note: Two semesters of a language is required for any student seeking New York state certification.

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
- JCC: BUS 2580, CMM 1510, CMM 2600, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
- JCC: Take ECO 1530, ECO 2610, or ECO 2620 for the major

Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720
Physical, Life, and Computational Sciences 9-12 credits

Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540 (required for the major)

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
Course Requirements in the Major (students must receive a C- or better in all core courses, and a minimum grade of C is required for any course to transfer from JCC). Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

ACCT 0201 Financial Accounting Concepts
- JCC: BUS 1510
ACCT 0202 Managerial Accounting Concepts
- JCC: BUS 1520
ECON 0101 Economics in the Modern World
- JCC: ECO 1530, ECO 2610, ECO 2620
ECON 0204 Statistics
- JCC: MAT 1540 (Statistics required)
FIN 1301 Corporate Finance
- JCC BUS 2510
MATH 0136 Applied Calculus
- JCC: MAT 1630, MAT 1640, MAT 1710, MAT 1720
MATH (Second college-level math required)
- JCC: MAT 1220 or above (exception – cannot use MAT 1540)
MIS 0103 Microcomputing for Management
- JCC: CSC 1560
MIS 0208 Business Information Systems
MGMT 0110 Principles of Management
- JCC: BUS 2570
MRKT 1301 Marketing
- JCC: BUS 2550
MGMT 1304 Business Law
- JCC: BUS 2530, BUS 2540
MGMT 1401 Business in Society & International Management
MGMT 1451 Capstone/Upper-Level Writing

Business Management Elective
- JCC: BUS courses not used in the major
EDUC 0204 Introduction to Education
- JCC: EDU 1510
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<td>EDUC 0220</td>
<td>Special Education Law</td>
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<td>Instructional Technology</td>
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<td>EDUC 1307</td>
<td>Secondary Methods</td>
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<td>EDUC 1325</td>
<td>Development of Exceptional Children</td>
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<td><em>JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)</em></td>
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<tr>
<td>EDUC 1330</td>
<td>Educating Exceptional Children</td>
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<td><em>JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)</em></td>
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<td>EDUC 1350</td>
<td>Educational Psychology and Measurement</td>
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<td>EDUC 1378</td>
<td>Reading &amp; Writing in Content Curriculum</td>
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Bachelor of Science in Business Management
A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
- JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
Please note that the major requires Applied Calculus
- JCC: MAT 1630, MAT 1710

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
- JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
- JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
- JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRA 2510, FRA 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
- JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
- JCC: Take both ECO 2610, ECO 2620 for the major

Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
-JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
-JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
-JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
-JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

Physical Education 2-3 credits
One course in the Department of Physical Education (GE: Physical Education).
-JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC. Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

COURSES WITHIN THE MAJOR
MGMT 0110 Principles of Management
-JCC: BUS 2570
MIS 0103 Microcomputing for Management
-JCC: CSC 1560
ACCT 0201 Financial Accounting Concepts
-JCC: BUS 1510
ACCT 0202 Managerial Accounting Concepts
-JCC: BUS 1520
MIS 0208 Business Information Systems
FIN 1301 Corporate Finance
-JCC BUS 2510
MRKT 1301 Principles of Marketing
-JCC: BUS 2550
MGMT 1401 Business in Society and International Environment
MGMT 1451 Capstone Strategic Management
Business Management Electives at Pitt-Bradford: 9 upper-level credits

OTHER REQUIRED COURSES
ECON 0102 Microeconomic Principles
   -JCC: ECO 2610
ECON 0103 Macroeconomic Principles
   -JCC: ECO 2620
ECON 0204 Statistical Methods
   -JCC: MAT 1540 (Statistics required)
ECON 0206 Intermediate Microeconomics
MATH 0136 Applied Calculus
   -JCC: MAT 1630, MAT 1640, MAT 1710, MAT 1720
COMM 0104 Public Speaking
   -JCC: CMM 1610
Bachelor of Science in Chemistry
A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
Please note that the major requires Calculus
-JCC: MAT 1710

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Most include at least one course in literature, and at least one course in the creative, fine, and performing arts.

  Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

  Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry  
9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)

- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)

- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)

- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences  
9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)

Please note that the major requires Chemistry I
- JCC: CHE 1550

Life Sciences (GE: Life Sciences)

- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)

Please note that the major requires Calculus II
- JCC: MAT 1720

Physical Education  
1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC. Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

COURSES WITHIN THE MAJOR
Course Requirements in the Major

CHEM 0101 General Chemistry I
- JCC: CHE 1550

CHEM 0102 General Chemistry II
- JCC: CHE 1560

CHEM 0201 Introduction to Analytical Chemistry

CHEM 0206, 0207 Organic Chemistry I
- JCC: CHE 2530

CHEM 0208, 0209 Organic Chemistry II
- JCC: CHE 2540

CHEM 1301 Physical Chemistry I

CHEM 1302 Physical Chemistry II

CHEM 1305 Analytical Instrumentation

CHEM 1451 Capstone: Chemistry
Chemistry upper-level electives 6-8

Other required courses:

MATH 0140 Calculus I  
- JCC: MAT 1710 
MATH 0150 Calculus II  
- JCC: MAT 1720 
MATH 0201 Calculus III  
- JCC: MAT 2650 

PHYS 0201 and 0203 Foundations of Physics I and lab  
- JCC: PHY 1610 or PHY 1710 
PHYS 0202 and 0204 Foundations of Physics II and lab  
- JCC: PHY 1620 or PHY 2710
**Bachelor of Science in Chemistry Education (7-12) program**

Due to the certification requirements of the Chemistry Education (7-12) program, additional language serves as an addendum to the first page of the Transfer Master Agreement describing the relationship and requirements for admission.

C. Admission requirements and transfer of academic credits

1. UPB agrees that students from JCC will meet the admissions standards of the Bachelor of Science in Chemistry Education (7-12) program given that they satisfy the following conditions:

   a. Successful completion of up to 75 transferable credits with a grade of "C" = 2.00 or better:

   b. A cumulative grade point average (GPA) of 2.6 or better.

   c. Students must meet UPB conduct standards in regard to known behavioral problems.

2. UPB agrees that JCC's students who meet the above admissions standards and complete the application and deposit requirements by May 1 will be admitted into the Bachelor of Science in Chemistry Education (7-12) program.

JCC students who transfer a minimum of 60 credit hours with grades of "C" or higher will be admitted to UPB with junior standing. However, admission to the education program requires the following:

- Students must pass the Praxis I series.
- Students must have a 3.0 minimum cumulative grade point average, at Pitt-Bradford, with no grade below a "C-" in a required course.
- Students must have current Pennsylvania clearances (Child Abuse and Criminal Check). Clearances are only good for one year. Non-Pennsylvania residents must sign and have notarized a form that states that they have no child abuse or criminal records in their home state.
- Students must complete the pre-requisite courses EDUC 0204 (students can take EDU 1510 at JCC) and EDUC 0210. JCC students who transfer to UPB and who subsequently complete these courses with no grade below a "C-" will be admitted to the education department.
- JCC students who enter UPB with at least 54 credit hours including EDU 1510 (EDUC 0204) that fulfill requirements for the Bachelor of Science in Biology Education (7-12), maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements for the BS degree in four, full-time fall and spring semesters at UPB.

Courses required from the University of Pittsburgh at Bradford to complete the Bachelor of Science in Chemistry Education (7-12)

A minimum of 120 credits are required, 30 of which must be upper-level.

**General Education Requirements**

*Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.)*

**Written Literacy**

ENG 0101 English Composition I
ENG 0102 English Composition II

*JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540*

**Mathematics**

Please note that the major requires Calculus

*JCC: MAT 1710*
The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Note: Two semesters of a language is required for any student seeking New York state certification.

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, CMM 2600, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2550, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
-JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720
Physical, Life, and Computational Sciences  
9-12 credits

Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
Please note that the major requires Chemistry I
- JCC: CHE 1550

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
Please note that the major requires Calculus II
- JCC: MAT 1720

Physical Education  
1 credits

One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
Course Requirements in the Major (students must receive a C- or better in all core courses, and a minimum grade of C is required for any course to transfer from JCC). Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

CHEM 0101 General Chemistry I
- JCC: CHE 1550
CHEM 0102 General Chemistry II
- JCC: CHE 1560
CHEM 0201 Introduction to Analytical Chemistry
CHEM 0206, 0207 Organic Chemistry I
- JCC: CHE 2530
CHEM 0208, 0209 Organic Chemistry II
- JCC: CHE 2540
CHEM 1301 Physical Chemistry I
CHEM 1302 Physical Chemistry II
CHEM 1305 Analytic Instrumentation
CHEM 1451 Capstone/Upper-Level Writing
MATH 0140 Calculus I
- JCC: MAT 1710
MATH 0150 Calculus II
- JCC: MAT 1720
PHYS 0201 and 0202 Foundations of Physics I and II
- JCC: PHY 1610/1620, PHY 1710/1720
EDUC 0204 Introduction to Education
- JCC: EDU 1510
EDUC 0215 English Language Learners
EDUC 0220 Special Education Law
EDUC 1301 Instructional Technology
EDUC 1307 Secondary Methods
EDUC 1325 Development of Exceptional Children
- JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)
EDUC 1330 Educating Exceptional Children
- JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)
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Bachelor of Science in Computer Information Systems and Technology (CIST)
A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620
Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540 (Statistics required)

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC.

COURSES WITHIN THE MAJOR
Course Requirements in the Major

CIST 0150 Programming Fundamentals
- JCC: CSC 1590
CIST 0161 Technology of Computing
- JCC: CSC 1580
CIST 0163 Introduction to Web Technology
- JCC: CSC 1630
CIST 0165 Networking I
- JCC: CSC 2510
CIST 0166 Networking II
CIST 0261 Computer Security
- JCC: CSC 2480
CIST 0262  Systems Administration  
   -JCC: CSC 2470
CIST 0265  Information Structures
CIST 1307  Database Design and Management  
   -JCC: CSC 2660
CIST 1310  Systems Analysis and Design  
   -JCC: CSC 2540
CIST 1311  Electronic Commerce
CIST 1325  Introduction to Supply Chain Management
CIST 1408  Project Management in Information Technology
CIST 1499  CIS&T Internship
CIST 1451  Capstone

Choose 3 approved electives
(See advisor for other approved electives)

CIST 1320  User Interface Design
CIST 1401  Information Assurance
CIST 1415  Data Mining
CIST 1431  Multimedia Introduction and Application
CIST 1301  Advanced Web Technologies

Three credits of internship at JCC could be used as an elective for this requirement (CSC 2010-2020)

Other required courses
MATH 0133  Statistics  
   or ECON 0204  
   -JCC: MAT 1540
MATH 0135  Discrete Math  
   -JCC: MAT 1670
Bachelor of Arts in Criminal Justice
A minimum of 120 credits are required, 30 of which must be upper-level.

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science). As part of the requirements in the major, students will complete this category.

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: PSY 1510, SOC 1510

Economics (GE: Economics)
N/A
Political Science (GE: Political Science)
-JCC: CRI 1540, POL 1510

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
-JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
-JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
-JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
-JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1540, MAT 1710, MAT 1720, MAT 2560, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
-JCC: Any PHE course or CRI 1290

Major Requirements
ADMJ 0101 Introduction to Criminal Justice
-JCC: CRI 1510
ADMJ 0204 Police and Society
-JCC: CRI 1320
ADMJ 0206 Criminology
-JCC: SOC 2560
ADMJ 1320 Research Methods in Criminal Justice
ADMJ 1321 Law and Social Control in Society
ADMJ 1451 Capstone: Criminal Justice
ADMJ 1496 Field Placement or ADMJ 1497 Approved Directed Study

Other core requirements: choose three of the following four courses

SOC 0101 Introduction to Sociology
-JCC: SOC 1510
Area Requirements in Criminal Justice

Students must take six additional courses (18 credits), including at least two from each of the three areas of study in criminal justice. At least three of the courses must be at the 1300/1400 level.

**Law Enforcement**

ADMJ 0215  Law Enforcement Operations  
- *JCC: CRI 1320*

ADMJ 0230  Introduction to Forensic Science  
- *JCC: CHE 7501 (Fundamentals of Forensic Science), CRI 2540*

ADMJ 0255  White Collar Crimes  
- *JCC: CRI 2610*

ADMJ 1302  Criminal Law and Procedure  
- *JCC: CRI 2330*

ADMJ 1325  Criminal Evidence and Investigations  
- *JCC: CRI 2370*

ADMJ 1330/1331  Criminal Forensics I and Lab  
ADMJ 1401  Contemporary Issues in Law Enforcement  
ADMJ 1430/1431  Criminal Forensics II and Lab  
ADMJ 1447  Special Topics in Policing

**Corrections**

ADMJ 0102  American Corrections  
- *JCC: CRI 1520*

ADMJ 0203  Parole and Probation  
- *JCC: CRI 2620*

ADMJ 1315  Management and Administration in Criminal Justice Organizations  
- *JCC: CRI 2520*

ADMJ 1335  Conflict and Crisis Management  
ADMJ 1360  Reentry and the Offender  
ADMJ 1365  Substance Abuse and Treatment in the Community  
ADMJ 1370  Victimology: Child Abuse and Exploited Children  
ADMJ 1402  Contemporary Issues in Corrections  
ADMJ 1405  Psychology and Crime  
- *JCC: PSY 2580*

ADMJ 1448  Special Topics in Corrections

**Courts, Policy, and Justice**

ADMJ 0235  Terrorism in a Post-9/11 World  
ADMJ 0245  Ethics in Criminal Justice  
ADMJ 0260  Violence and Crime  
ADMJ 1304  Juvenile Justice System  
- *JCC: CRI 2650*

ADMJ 1310  Drugs, Crime, and Social Policy  
ADMJ 1340  Gangs: Theory, Practice, and Suppression  
ADMJ 1345  International and Global Crime  
ADMJ 1355  Organized Crime in America  
ADMJ 1403  Contemporary Issues in Courts, Policy, and Justice
| ADMJ 1415 | Islam and Social Justice |
| ADMJ 1449 | Special Topics in Courts |
Bachelor of Science in Early Level Education (PreK-4) program

C. Admission requirements and transfer of academic credits

1. UPB agrees that students from JCC will meet the admissions standards of the Bachelor of Science in Early Level Education (PreK-4) program given that they satisfy the following conditions:

a. Successful completion of up to 75 transferable credits with a grade of "C" = 2.00 or better:

b. A cumulative grade point average (GPA) of 2.6 or better.

c. Students must meet UPB conduct standards in regard to known behavioral problems.

2. UPB agrees that JCC's students who meet the above admissions standards and complete the application and deposit requirements by May 1 will be admitted into the Bachelor of Science in Early Level Education (PreK-4) program.

JCC students who transfer a minimum of 60 credit hours with grades of "C" or higher will be admitted to UPB with junior standing. However, admission to the education program requires the following: This agreement is between:

- Students must pass the Praxis I series.
- Students must have a 3.0 cumulative grade point average, at Pitt-Bradford, with no grade below a “C-” in a required course.
- Students must have current Pennsylvania clearances (Child Abuse and Criminal Check). Clearances are only good for one year. Non-Pennsylvania residents must sign and have notarized a form that states that they have no child abuse or criminal records in their home state.
- Students must complete the pre-requisite courses: EDUC 0204, EDUC 0210, EDUC 0255 and EDUC 1350. JCC students who transfer to UPB and who subsequently complete these courses with no grade below a “C-” will be admitted to the education department.
- JCC students who enter UPB with at least 54 credit hours including EDU 1510 (EDUC 0204) and EDU 2440 (EDUC 0255) that fulfill requirements for the Bachelor of Science in Early Childhood Education (PreK-4), maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements for the BS degree in four, full-time fall and spring semesters at UPB.

Courses required from the University of Pittsburgh at Bradford to complete the Bachelor of Science in Early Level Education (PreK-4)

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.)

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.
Note: the human experience curriculum must include at least one course designated as Non-Western
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
- JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
- JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
- JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Note: Two semesters of a language are required for any student seeking New York state certification.

Behavioral, Economics, and Political Sciences 9 credits
This requirement is met through courses in the major (see below).

Behavioral Sciences (GE: Behavioral Sciences)
PSY 0101 Introduction to Psychology
- JCC: PSY 1510 Introduction to Psychology
SOC elective (see major)
- JCC: SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Political Science (GE: Political Science)
PS 0102 American Political Process
- JCC: POL 1510

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required. This requirement is met through courses in the major (see below).

History (GE: History/Euro-American or GE: History/Non-Western)
U.S. History (HIST) requirement
- JCC: HIS 1530, 1540

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
Geography (GEOG) requirement
- JCC: GEO 1520

Anthropology (ANTH) requirement
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT 2600

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.
This requirement can be met through courses in the major (see below).

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720
Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2510, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

Physical Education 1 credits
PEDC 0152 Living Well
- JCC: EDUC 1260 Health, Safety, and Nutrition in Early Childhood Development

Major Requirements
Course Requirements in the Major (students must receive a C- or better in all core courses, and a minimum grade of C is required for any course to transfer from JCC). Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

Art or Music or Theater (ART, MUSIC or THEA) requirement
- JCC: Any ART or MUS or THE course (3 credits minimum)

Biology/Environmental Science requirement
- JCC: ANT 1510, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 2660, BIO 2670, BIO 2510, BIO 2520, BIO 2530, BIO 2540, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2760

Physical Science/Environmental Science requirement
- JCC: AST 1510, CHE 1530, CHE 1550, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Math requirement (MATH 0138 suggested)
- JCC: MAT 1220 or above (exception – cannot use MAT 1540)

Math requirement (MATH 0139 suggested)
- JCC: MAT 1220 or above (exception – cannot use MAT 1540)

U.S. History (HIST) requirement
- JCC: HIS 1530, 1540

Geography (GEOG) requirement
- JCC: GEO 1520

Economics (ECON) or Political Science requirement
- JCC: ECO 1530, ECO 2610, ECO 2620, POL

Cultures or Philosophical Inquiry (ANTH or PHIL) requirement
- JCC: ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540
- JCC: PHL 231, PHL 232, PHL 236, PHL 243

PSY 0101 Introduction to Psychology
- JCC: PSY 1510

Sociology (SOC) requirement
- JCC: SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

PEDC 0152 Living Well
- JCC: EDU 1260

EDUC 0204 Introduction to Education 3
- JCC: EDU 1510

EDUC 0210 Education Practicum 1 1
EDUC 0215 English Language Learners 3
EDUC 0220 Special Education Law 3
EDUC 0225 The Developing Child: Birth-Primary Years 3
- JCC: PSY 2520

EDUC 0230 Family & Community Relationships 3
- JCC: EDUC 1310
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<th>Course Code</th>
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<td>EDUC 0255</td>
<td>Children's Literature</td>
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<td>EDUC 1301</td>
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<td>Assessment Techniques</td>
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<td>EDUC 1306</td>
<td>Classroom Management</td>
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<td>EDUC 1309</td>
<td>Differentiated Reading Instruction and Intervention (PreK-1)</td>
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<td><strong>JCC: EDU 2500 Literacy in the Classroom</strong></td>
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<td>Education Practicum 2</td>
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<td>EDUC 1312</td>
<td>Language Development and Early Literacy Foundations (PreK-1)</td>
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<td>EDUC 1318</td>
<td>Early Math Foundations (PreK-1)</td>
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<td>EDUC 1320</td>
<td>Art, Music, and Movement Methods (Pre-K)</td>
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<td>EDUC 1322</td>
<td>Social Studies Methods (PreK-4)</td>
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<td>EDUC 1324</td>
<td>Math Methods for Primary Grades (2-4)</td>
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<td><strong>JCC: MAE 2510</strong></td>
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<td>EDUC 1325</td>
<td>Development of Exceptional Children</td>
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<td><strong>JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)</strong></td>
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<td>EDUC 1327</td>
<td>Science Methods (PreK-4)</td>
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<td>EDUC 1330</td>
<td>Educating Exceptional Children</td>
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<td><strong>JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)</strong></td>
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<td>EDUC 1350</td>
<td>Educational Psychology and Measurement</td>
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<td>EDUC 1451</td>
<td>Capstone-Motivating &amp; Engaging Young Children</td>
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<td>EDUC 1481</td>
<td>Student Teaching</td>
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Bachelor of Science in Economics

A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements). Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: Take both ECO 2610, ECO 2620 for the major

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry  

9 credits

Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences  

9-12 credits

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

Physical Education  

2-3 credits

One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements

Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

ECON 0102 Microeconomic Principles
- JCC: ECO 2610
ECON 0103 Macroeconomic Principles
- JCC: ECO 2620
ECON 0204 Statistical Methods
- JCC: MAT 1540 (Statistics required)
ECON 0206 Intermediate Microeconomics
ECON 0207 Intermediate Macroeconomics
ECON 0201 Money and Banking
ACCT 0201 Financial Accounting Concepts
- JCC: BUS 1510
ECON 1451 Capstone: Economic Systems

Economics Electives

Five courses selected from the following sets of courses:

Set 1 Applied economics (two courses)
ECON 1301 Poverty and Society
ECON 1304 Econometrics and Business Forecasting
ECON 1307 Economics of Energy and Environment
ECON 1315 State and Regional Economic Development 3
ECON 1401 American Economic History
ECON 1402 Labor Economics

Set 2 Sectoral economics (three courses)
ECON 1303 Industrial Organization
ECON 1305 Public Finance II
ECON 1403 International Trade
FIN 1301 Corporate Finance
-JCC BUS 2510
MKRT 1301 Marketing
-JCC: BUS 2550
FIN 1304 Financial Markets and Institutions
FIN 1401 International Finance

Choose four from the following list of electives courses (12 credits):
MIS 0103 Integrated Business Microcomputing
-JCC: CSC 1560
MATH 0136 Applied Calculus
-JCC: MAT 1630, MAT 1640, MAT 1710, MAT 1720
HIST 0107 U.S. History II
-JCC: HIS 1530
HIST 0203 Radicalism in the United States
HIST 1317 Contemporary U.S. History, 1941–Present
INTS 0101 Global Issues
PS 0110 Introduction to International Affairs
PS 0201 World Politics
-JCC: POL 1520, POL 2860
ECON 0205 Public Finance I
ECON 0208 Mathematical Economics
MGMT 1401 Business in Society and the International Environment
Bachelor of Science in English Education (7-12) program
Due to the certification requirements of the English Education (7-12) program, additional language serves as an addendum to the first page of the Transfer Master Agreement describing the relationship and requirements for admission.

C. Admission requirements and transfer of academic credits

1. UPB agrees that students from JCC will meet the admissions standards of the Bachelor of Science in English Education (7-12) program given that they satisfy the following conditions:

a. Successful completion of up to 75 transferable credits with a grade of "C" = 2.00 or better:

b. A cumulative grade point average (GPA) of 2.6 or better.

c. Students must meet UPB conduct standards in regard to known behavioral problems.

2. UPB agrees that JCC's students who meet the above admissions standards and complete the application and deposit requirements by May 1 will be admitted into the Bachelor of Science in English Education (7-12) program.

JCC students who transfer a minimum of 60 credit hours with grades of "C" or higher will be admitted to UPB with junior standing. However, admission to the education program requires the following:

• Students must pass the Praxis I series.
• Students must have a 3.0 minimum cumulative grade point average, at Pitt-Bradford, with no grade below a “C-” in a required course.
• Students must have current Pennsylvania clearances (Child Abuse and Criminal Check). Clearances are only good for one year. Non-Pennsylvania residents must sign and have notarized a form that states that they have no child abuse or criminal records in their home state.
• Students must complete the pre-requisite courses EDUC 0204 (students can take EDU 1510 at JCC) and EDUC 0210. JCC students who transfer to UPB and who subsequently complete these courses with no grade below a “C-” will be admitted to the education department.
• JCC students who enter UPB with at least 54 credit hours including EDU 1510 (EDUC 0204) that fulfill requirements for the Bachelor of Science in Biology Education (7-12), maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements for the BS degree in four, full-time fall and spring semesters at UPB.

Courses required from the University of Pittsburgh at Bradford to complete the Bachelor of Science in English Education (7-12)

A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.)

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II

- JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.

- JCC: MAT 1220 or above (exception – cannot use MAT 1540)
The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ART 2510, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
This requirement is satisfied in the major.

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480 (see THEA 1310 if taken in the major)

Foreign Languages (GE: Language)
-JCC: see the major regarding language requirement and electives

Note: Two semesters of a language is required for any student seeking New York state certification.

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, CMM 2600, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580 (see COMM 0201 if taken in the major)

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540 (see the major: ENG 0206 History of English Language)
Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720 (see PHL 2310 if taken in the major)

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670 (this may be satisfied in the major)

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
Course Requirements in the Major (students must receive a C- or better in all core courses, and a minimum grade of C is required for any course to transfer from JCC). Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

ENG 0110 Lit & Interpretation
Shakespeare Course: ENG 0205 or THEA 1310 (GE)
- JCC: ENG 2830
ENG 0206 History of English Language
ENG 0212 Grammar
CLP 0203 or COMM 0201 Film and Literature/Mass Media & Society
- JCC: ENG 2840, CMM 2610
CLP 1315 Critical Methods
ENG 1451 Capstone/CMM Level Writing

Foreign language proficiency through and including the intermediate level (or the equivalent)
- JCC: FRE 2510, FRE 2520, SPA 2510, SPA 2520, SPA 2550

MATH (Second college-level math required)
- JCC: MAT 1220 or above (exception – cannot use MAT 1540)

Coverage: Six courses (18 credits), including at least one course from a period prior to 1800, one course from each group, and one upper-level course.

American Literature:
- JCC: ENG 2550, 2560
British/European Literature
- JCC: ENG 2610, ENG 2620
Contemporary World Literature
- JCC ENG 2580
Western Foundations:
- **JCC: HIS 1520, INT 2530, PHL 1510, PHL 2610**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>EDUC 0204</td>
<td>Introduction to Education</td>
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<td><strong>JCC: EDU 1510</strong></td>
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<tr>
<td>EDUC 0215</td>
<td>English Language Learners</td>
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<td>EDUC 0220</td>
<td>Special Education Law</td>
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<td>EDUC 0275</td>
<td>Adolescent Literature</td>
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<td>Instructional Technology</td>
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<td>EDUC 1307</td>
<td>Secondary Methods</td>
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<td>EDUC 1325</td>
<td>Development of Exceptional Children</td>
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<td><strong>JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)</strong></td>
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<tr>
<td>EDUC 1330</td>
<td>Educating Exceptional Children</td>
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<td><strong>JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)</strong></td>
</tr>
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<td>EDUC 1350</td>
<td>Educational Psychology and Measurement</td>
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<td>EDUC 1378</td>
<td>Reading &amp; Writing in Content Curriculum</td>
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<td>EDUC 0210</td>
<td>Education Practicum 1</td>
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<td>EDUC 1310</td>
<td>Education Practicum 2</td>
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<td>EDUC 1410</td>
<td>Education Practicum 3</td>
</tr>
<tr>
<td>EDUC 1481</td>
<td>Student Teaching</td>
</tr>
</tbody>
</table>

- **JCC: INT 2530, PHL 1510, PHL 2610**
Bachelor of Science in Environmental Education (7-12) program
Due to the certification requirements of the Environmental Education (7-12) program, additional language serves as an addendum to the first page of the Transfer Master Agreement describing the relationship and requirements for admission.

C. Admission requirements and transfer of academic credits

1. UPB agrees that students from JCC will meet the admissions standards of the Bachelor of Science in Environmental Education (7-12) program given that they satisfy the following conditions:

a. Successful completion of up to 75 transferable credits with a grade of "C" = 2.00 or better:

b. A cumulative grade point average (GPA) of 2.6 or better.

c. Students must meet UPB conduct standards in regard to known behavioral problems.

2. UPB agrees that JCC’s students who meet the above admissions standards and complete the application and deposit requirements by May 1 will be admitted into the Bachelor of Science in Environmental Education (7-12) program.

JCC students who transfer a minimum of 60 credit hours with grades of "C" or higher will be admitted to UPB with junior standing. However, admission to the education program requires the following:

- Students must pass the Praxis I series.
- Students must have a 3.0 minimum cumulative grade point average, at Pitt-Bradford, with no grade below a “C-” in a required course.
- Students must have current Pennsylvania clearances (Child Abuse and Criminal Check). Clearances are only good for one year. Non-Pennsylvania residents must sign and have notarized a form that states that they have no child abuse or criminal records in their home state.
- Students must complete the pre-requisite courses EDUC 0204 (students can take EDU 1510 at JCC) and EDUC 0210. JCC students who transfer to UPB and who subsequently complete these courses with no grade below a “C-” will be admitted to the education department.
- JCC students who enter UPB with at least 54 credit hours including EDU 1510 (EDUC 0204) that fulfill requirements for the Bachelor of Science in Biology Education (7-12), maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements for the BS degree in four, full-time fall and spring semesters at UPB.

Courses required from the University of Pittsburgh at Bradford to complete the Bachelor of Science in Environmental Education (7-12)

A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.)

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)
The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
- JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
- JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
- JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Note: Two semesters of a language is required for any student seeking New York state certification.

Behavioral, Economics, and Political Sciences 9 credits
This requirement is met through the major.

Behavioral Sciences (GE: Behavioral Sciences)
- JCC: BUS 2580, CMM 1510, CMM 2600, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
ECON 0102 Introduction to Microeconomics required
- JCC: ECO 2610

Political Science (GE: Political Science)
PS 0204 Public Policy and PS 0209 Environmental Politics are required

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
PHIL 1450 Environmental Philosophy and Ethics required
- JCC: PHL 2570

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.
Physical Sciences (GE: Physical Sciences)
ES 0105 Environmental Geology and ES 0107 Environmental Geology Lab required

Life Sciences (GE: Life Sciences)
BIOL 0104 Ecology and Environmental Biology required

Computational Sciences (GE: Computational Sciences)
Statistics required
-JCC: MAT 1540

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
-JCC: Any PHE course or CRI 1290

Major Requirements
Course Requirements in the Major (students must receive a C- or better in all core courses, and a minimum grade of C is required for any course to transfer from JCC). Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

BIOL 0118/0119 Ecology & Environmental Biology
CHEM 0106/0107 Chemistry of the Environment with Lab
ECON 0102 Microeconomics
-JCC: ECO 2610
ENVSTD 0101 Introduction to Environmental Studies
-JCC ANT/BIO/CMM 2600
ES 0105 Environmental Geology with Lab
PET 0105 Introduction to Geographic Information
PS 0204 Public Policy
PS 0209 Environmental Politics
GEOG 0210 Physical Geography
-JCC GLG 1510
One course in statistics
-JCC: MAT 1540
PHIL 1445 Environmental Ethics
-JCC: PHL 2570
ECON 1307 Economics of Energy & the Environment
GEOL 1320 Geographic Information Systems
ENVSTD 1451 Capstone/Upper-Level Writing

Approved Upper Level Environmental Elective (6 credits)

EDUC 0204 Introduction to Education
-JCC: EDU 1510
EDUC 0215 English Language Learners
EDUC 0220 Special Education Law
EDUC 1301 Instructional Technology
EDUC 1307 Secondary Methods
EDUC 1325 Development of Exceptional Children
-JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)
EDUC 1330 Educating Exceptional Children
-JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)
EDUC 1350 Educational Psychology and Measurement
EDUC 1378 Reading & Writing in Content Curriculum
EDUC 0210 Education Practicum 1
EDUC 1310 Education Practicum 2
EDUC 1410 Education Practicum 3
Bachelor of Arts in Environmental Studies
A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101  English Composition I
ENG 0102  English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0110 Fundamentals of Mathematics or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters  9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences  9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
ECON 0102 Introduction to Microeconomics required
-JCC: ECO 2610

Political Science (GE: Political Science)
PS 0204 Public Policy required
History, Culture, and Philosophical Inquiry  9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
PHIL 1450 Environmental Philosophy and Ethics required
-JCC: PHL 2570

Physical, Life, and Computational Sciences  9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
ES 0105 Environmental Geology and ES 0107 Environmental Geology Lab required

Life Sciences (GE: Life Sciences)
BIOL 0104 Ecology and Environmental Biology required

Computational Sciences (GE: Computational Sciences)
Statistics required
-JCC: MAT 1540

Physical Education  1 credits
One course in the Department of Physical Education (GE: Physical Education).
-JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC.
Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

COURSES WITHIN THE MAJOR
Course Requirements in the Major

ENVSTD 0102  Introduction to Environmental Studies
BIOL 0118  Ecology and Environmental Biology
CHEM 0106  Chemistry of the Environment
ECON 0102  Introduction to Microeconomics
-JCC: ECO 2610
ECON 1307  Economics of Energy and the Environment
ENG 0218  Introduction to Literature and the Environment
ES 0105  Environmental Geology
PET 0105  Introduction to GIS and Technology
PHIL 1445  Environmental Ethics
-JCC: PHL 2570
PS 0209  Environmental Politics
ENVSTD 1451  Capstone: Environmental Studies
Two labs, choose from the following:
BIOL 0119 Ecology and Environmental Biology Lab
ES 0107 Environmental Geology Lab
CHEM 0107 Chemistry of the Environment Lab

One Course in Statistics:
-JCC: MAT 1540

Environmental Studies Elective Requirements

In addition to the core requirements, five additional classes, two of which must be upper-level at UPB, must be taken from an approved list of environmental studies electives. You should consult with your advisor as to which classes would best serve your professional interests and career goals.

-JCC: ANT/BIO/CMM 8505 (Planet Earth – Critical Topics), BIO 2550, BIO 2620, GLG 1510, GLG 1520, GLG 1550, GLG 1610, GLG 1720, GLG 1760
Bachelor of Arts in General Studies
A minimum of 120 credits are required, 30 of which must be upper-level.

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements). Some courses may also count toward major requirements.

Written Literacy  6 credits
ENG 0101  English Composition I
ENG 0102  English Composition II
- JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics  3-4 credits
MATH 0098 College Algebra II or designated higher-level math course.
- JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters  9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
- JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
- JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
- JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences  9 credits
Courses must be selected from at least two different categories (the categories are behavioral sciences, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
- JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
- JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry  9 credits
Note: at least one History course is required, and two areas must be met.
History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 2510, BIO 1830, BIO 2510, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 or BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

Physical Education 1-3 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major requirements
The general studies major consists of 72-73 credits distributed over at least three areas of study, each representing a different category. Five courses (15 credits) must be at the 1300 level or above. Students select three areas of study from a list of five possible categories, and credits are distributed as follows:

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<tr>
<th>Area of Study I</th>
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<td>Area of Study II</td>
<td>18 credits</td>
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<td>Area of Study III</td>
<td>12 credits</td>
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Students may choose from the following categories and must complete three areas as detailed above:

Category I: Arts and Letters (ENG, WRITNG, ART, MUSIC, THEA, languages)
- JCC: ARA, ART, DAN, ENG, FA, FRE, HUM, INE, INT, MUS, SPA, SPE, THE

Category II: Behavioral, Economic, and Political Sciences (PSY, SOC, ECON, PS)
- JCC: ECO, POL, PSY, SOC

Category III: History, Cultures, and Philosophical Inquiry (GEOG, HIST, ANTH, PHIL)
- JCC: ANT, COM, GEO, HIS, PHL

Category IV: Physical, Life and Computational Sciences (ASTRON, BIOL, CHEM, ENGR, ES, GEOL, PHYS, PET, MATH)
- JCC: AST, BIO, CHE, GLG, MAT, MET, PHY

Category V: Professional Studies (ACCT, ADMJ, CIST, COMM, EDUC, ENTR, ENVSTD, FIN, HPRED, HMG, INTS, MGMT, MIS, MRKT, NUR, PR)
Students must also complete a three-credit experience in directed research, internship, service learning, or study abroad.

Capstone: Students must complete a three- or four-credit capstone in an area of focus for which all prerequisites have been met

Total credits required for the major: 72-73

Required Minor: 15-21
(Note: Transfer students who have earned a previous degree, or Pitt-Bradford students with a second major, do not need to complete a minor.)
Bachelor of Science in Health and Physical Education (K-12) program

Due to the certification requirements of the health and physical education program, additional language serves as an addendum to the first page describing the relationship and requirements for admission. Please note that the Pennsylvania Department of Education is in the process of making changes that will affect those students who do not complete the degree by 2011. Resulting changes that must be made to these documents will be communicated to JCC as soon as possible.

C. Admission requirements and transfer of academic credits

1. UPB agrees that students from JCC will meet the admissions standards of the Bachelor of Science in Health and Physical Education (K-12) program given that they satisfy the following conditions:

   a. Successful completion of up to 75 transferable credits with a grade of "C" = 2.00 or better:
   
   b. A cumulative grade point average (GPA) of 2.6 or better.
   
   c. Students must meet UPB conduct standards in regard to known behavioral problems.

2. UPB agrees that JCC’s students who meet the above admissions standards and complete the application and deposit requirements by May 1 will be admitted into the Bachelor of Science in Health and Physical Education (K-12) program.

JCC students who transfer a minimum of 60 credit hours with grades of "C" or higher will be admitted to UPB with junior standing. However, admission to the education program requires the following:

   • Students must pass the Praxis I series.
   • Students must have a 3.0 cumulative grade point average, at Pitt-Bradford, with no grade below a “C-“ in a required course.
   • Students must have current Pennsylvania clearances (Child Abuse and Criminal Check). Clearances are only good for one year. Non-Pennsylvania residents must sign and have notarized a form that states that they have no child abuse or criminal records in their home state.
   • Students must complete the pre-requisite courses: EDUC 0204 (EDU 1510), and EDUC 0210. JCC students who transfer to UPB and who subsequently complete these courses with no grade below a “C-“ will be admitted to the education department.
   • JCC students who enter UPB with at least 54 credit hours including EDU 1510 (EDUC 0204) that fulfill requirements for the Bachelor of Science in Health and Physical Education (K-12), maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements for the BS degree in four, full-time fall and spring semesters at UPB.

Courses required from the University of Pittsburgh at Bradford to complete the Bachelor of Science in Health and Physical Education (K-12)

A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.)

Written Literacy

ENG 0101 English Composition I
ENG 0102 English Composition II

-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540
Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
- JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
- JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
- JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
- JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Note: A semester of a language is required for any student seeking New York state certification.

Behavioral, Economics, and Political Sciences 9 credits
This requirement is met through courses in the major (see below).

Behavioral Sciences (GE: Behavioral Sciences)
- JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
- JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required. This requirement is met through courses in the major (see below).

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540
Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory. This requirement can be met through courses in the major (see below).

Physical Sciences (GE: Physical Sciences)
CHEM 0187

Life Sciences (GE: Life Sciences)
Human Anatomy and Physiology I required
- JCC: BIO 2510

Computational Sciences (GE: Computational Sciences)
Human Anatomy and Physiology II required
- JCC: BIO 2520

Physical Education 1 credit
Lifeguarding required
- JCC: PHE 1731

Major Requirements
Course Requirements in the Major (students must receive a C- or better in all core courses, and a minimum grade of C is required for any course to transfer from JCC). Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

HPRED 0180  Sport Safety Training
- JCC: PHE 1500
PEDC 0202  Lifeguarding
- JCC: PHE 1731
HPRED 0209  Personal Health and Wellness
- JCC: PHE 1590 or BIO 1510
HPRED 1305  Kinesiology
HPRED 1306  Exercise Physiology
HPRED 1307  Principles of Coaching
HPRED 1308  Coaching Practicum
- JCC: PHE 2010
HPEDU 0101  Current Issues in Community Health
HPEDU 0105  Foundations of Health and Physical Education
HPEDU 1300  Adaptive Physical Education
HPEDU 1305  Teaching Leisure Sports
HPEDU 1310  Teaching Team Sports
HPEDU 1315  Teaching Individual Sports
HPEDU 1320  Teaching Health
HPEDU 1325  Teaching Dance
HPEDU 1330  Motor Behavior
HPEDU 1400  Methods of Teaching Health and Physical Education
HPEDU 1405  Assessment in Health and Physical Education
HPEDU 1451  Capstone
BIOL 0212  Anatomy & Physiology I
- JCC: BIO 2510
BIOL 0213  Anatomy & Physiology II
- JCC: BIO 2520
CHEM 0187  Drugs & Society
Math requirement (two courses: Math 0098 Algebra II and MATH 0133 Statistics suggested) 6-8

- JCC: MAT 1220 or above (exception – cannot use MAT 1540)

EDUC 0215 English Language Learners
EDUC 0220 Special Education Law EDUC 1301 Instructional Technology
EDUC 1325 Development of Exceptional Children

- JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)

EDUC 1350 Educational Psychology and Measurement
EDUC 1481 Student Teaching
EDUC 0210 Education Practicum I
EDUC 1310 Education Practicum II
EDUC 1410 Education Practicum III
Bachelor of Arts in History/Political Science

120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 2510, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry  
9 credits  
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)  
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)  
COMM 1307 Visual Communications is required

-JCC: ENG 2730, ENG 2840, INE 2770, ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT 2600, GEO 1520, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)  
-JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences  
9-12 credits  
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)  
-JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)  
-JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)  
-JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

Physical Education  
1 credits  
One course in the Department of Physical Education (GE: Physical Education).  
-JCC: Any PHE course or CRI 1290

Major Requirements  
A minimum grade of C is required for any course to transfer from JCC. Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

COURSES WITHIN THE MAJOR

HIST 0106 and 0107 U.S. History I and II  
-JCC: HIS 1530, HIS 1540

HIST or PS 1451 Capstone: History or Capstone: Political Science

Area Requirements in History

Two of the following courses:

HIST 0103 Europe in the 18th Century
HIST 0104 Europe in the 19th Century
HIST 0105 Europe in the 20th Century
HIST 0108 Medieval Europe
HIST 0109 Renaissance/Reformation Europe
History electives (three courses, **including at least two at the 1300 level (junior or senior level at Pitt-Bradford)** or above)

- *JCC: HIS 1510, HIS 1520, HIS 2100, HIS 2560, HIS 2570, HIS 2590 (choose one course)*

**Area Requirements in Political Science**

Seven courses, including at least one course from each of the four sets of courses representing the four areas of study in political science, including at least two at the 1300/1400 level or above:

**American Government and Politics**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>JCC Code</th>
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<tbody>
<tr>
<td>PS 0102</td>
<td>American Political Process</td>
<td><em>POL 1510</em></td>
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<tr>
<td>PS 0204</td>
<td>Public Policy</td>
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<tr>
<td>PS 0205</td>
<td>Law and the Courts</td>
<td><em>POL 2530</em></td>
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<tr>
<td>PS 0207</td>
<td>Congress and the Presidency</td>
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<tr>
<td>PS 1325</td>
<td>State and Local Government</td>
<td><em>POL 270</em></td>
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**Comparative Government and Politics**

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<thead>
<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>PS 0103</td>
<td>Comparative Politics</td>
</tr>
<tr>
<td>PS 0203</td>
<td>Communist Politics</td>
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<tr>
<td>PS 1355</td>
<td>Politics of the Developing World</td>
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**International Politics**

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<tbody>
<tr>
<td>PS 0110</td>
<td>Introduction to International Affairs</td>
</tr>
<tr>
<td>PS 0201</td>
<td>World Politics</td>
</tr>
<tr>
<td>PS 1304</td>
<td>American Foreign Relations</td>
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**Political Theory**

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<th>Course</th>
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<tbody>
<tr>
<td>PS 0202</td>
<td>Great Political Thinkers</td>
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<tr>
<td>PS 1305</td>
<td>Political Theory: Plato to Machiavelli</td>
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<tr>
<td>PS 1306</td>
<td>Political Theory: Machiavelli to Rousseau</td>
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<tr>
<td>PS 1307</td>
<td>Liberalism, Conservatism, and Socialism</td>
</tr>
<tr>
<td>PS 1308</td>
<td>American Political Thought</td>
</tr>
</tbody>
</table>
Bachelor of Science in Hospitality Management
A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course (required in the major).
-JCC: MAT 1590 or above

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Cultures, and Philosophical Inquiry  
9 credits  
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences  
9-12 credits  
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720, AST 1510, CHE 1530

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
Statistics required
- JCC: MAT 1540

Physical Education  
1 credits  
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC.

COURSES WITHIN THE MAJOR
Course Requirements in the Major

MGMT 0110  Principles of Management
- JCC: BUS 2570
ECON 0103  Introduction to Macroeconomics
- JCC: ECO 2620
MIS 0103  Microcomputing for Management
- JCC: CSC 1560
HMGT 0101  Introduction to Hospitality Management
HMGT 0201  Service Industry Structure and Leadership
MGMT 1320  Human Resource Management
- JCC: BUS 2630
HMGT 0210  Legal Issues in the Hospitality and Tourism Industry
HMGT 0220  Foodservice Management
ACCT 0201  Financial Accounting Concepts
- JCC: BUS 1510
ACCT 0202  Managerial Accounting Concepts  
   -JCC: BUS 1520
HMGT 1310  Hotel Operations
HMGT 1320  Hospitality Information Systems
FIN 1301  Corporate Finance  
   -JCC: BUS 2510
MRKT 1301  Principles of Marketing  
   -JCC: BUS 2550
HMGT 1330  Principles of Food Preparation (Includes Lab)
HMGT 1340  Food and Beverage Cost Control
HMGT 1370  Hospitality and Tourism Marketing
HMGT 1445  Professionalism in Hospitality
HMGT 1451  Senior Seminar for Hospitality Majors (Capstone Requirement, Upper Level Writing Requirement)

Other required courses
MATH 0098  College Algebra II  
   -JCC: MAT 1220 or above (exception – cannot use MAT 1540)
ECON 0112  Tourism
MATH 0133  Statistics  
   -JCC: MAT 1540

Electives (three approved courses in hospitality, recreation, or tourism management)
Bachelor of Arts in Human Relations
A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or Higher
-JCC: MAT 1220 or above excluding MAT 1540. Please note that MAT 1540 will transfer in as PSY 0201, a requirement for the major, and counts as a computational science below. JCC students taking MAT 1540 should complete a second MAT course to meet the competency requirement at UPB.

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Note: the human experience curriculum must include at least one course designated as Non-Western. -JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science). SOC 0101 (SOC 1510) and PSY 0101 (PSY 1510) are required in the major. Students should complete those courses and then select an elective from Economics or Political Science.

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: Take SOC 1510 (SOC 0101)
-JCC: Take PSY 1510 (PSY 0101)

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620
Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required. ANTH 0101 (ANT 1520) is required for the major.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: Take ANT 1520 (ANTH 0101)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
Statistics required
- JCC: Take MAT 1540 (PSY 0201)

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC.

COURSES WITHIN THE MAJOR
Course Requirements in the Major

ANTH 0101 Introduction to Cultural Anthropology
- JCC: ANT 1520
ANTH 0230 Practicing Anthropology
ANTH 1451 Capstone: Human Relations
PSY 0101 Introduction to Psychology
- JCC: PSY 1510
PSY 0201 Statistics or ECON 0204 Statistical Methods
- JCC: MAT 1540
PSY 0203  Social Psychology
   -JCC: PSY 2530
SOC 0101  Introduction to Sociology
   -JCC: SOC 1510
SOC 1302  Socialization
SOC 1401  Social Research

Human Relations Elective Requirements
Six additional courses, two each from the areas of anthropology, psychology, and sociology are required (18 credits). It is recommended that students consider taking upper-level electives so that they can meet the 30 upper-level credit minimum for the bachelor’s degree.

   -JCC: ANT courses
   -JCC: PSY courses
   -JCC: SOC courses
Bachelor of Arts in Interdisciplinary Arts
A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101  English Composition I
ENG 0102  English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
- JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western. -JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, REL 2580

Arts and Letters  9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
Courses in the major will satisfy this requirement.

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences  9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

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Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
COMM 1307 Visual Communications is required
- JCC: ENG 2730, ENG 2840, INE 2770, ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT 2600, GEO 1520, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1650, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

COURSES IN THE MAJOR

Students are required to select two arts areas from art, music and theater disciplines as their major components in their Interdisciplinary Arts Major program.

IA 0101 Arts Awareness
COMM 1307 Visual Communication
IA 1451 Capstone

Select and complete the requirements for two arts areas from Art, Music, Theater, and Writing.
Art Area Requirements

- Four studio art OR art history courses (a total of 12 credits or more), which can include upper-level course(s)
- One art history course (3 credits)
- One upper-level studio art OR art history course:


-JCC: ART 1510, ART 1520, ART 1530, ART 1540, ART 1570, ART 1590, ART 1600, ART 1670, ART 1730, ART 1740, ART 1750, ART 2510, ART 2520, ART 2570, ART 2590, ART 2600, ART 2730, ART 2740, ART 2750, ART 2800, ART Studio Problems Series


-JCC: ART 1550, ART 1560


The music requirements of a major in Interdisciplinary Arts with selection of Music as one of two major components are completed with the following courses:

Music Area Requirements

- Five 3-credit lower-level music courses:
  - MUSIC 1339 Musical Styles

Available lower-level music courses: MUSIC 0101 Elements of Music (formerly Basic Musicianship), MUSIC 0102 Introduction to Music, MUSIC 0215 Introduction to Music Technology, MUSIC 0202 Symphony, MUSIC 0203 Opera, MUSIC 0205 College/Community Choir (1 cr. x 3), MUSIC 0195 Applied Study (1 cr. x 3)
  -JCC: MUS 1510, MUS 1570, MUS 1580, MUS 2570, MUS 1630, MUS 1670, MUS 1690, MUS 1510, MUS 1590, MUS 1680, MUS 1700, MUS 1710, MUS 1730, MUS 2570, MUS 2580, MUS 2890

Theater Area Requirements

- THEA 0101 Introduction to Theater
  -JCC: THE 1510
- THEA 0203 Play Analysis
- Two courses from THEA 0102 Stagecraft AND/OR THEA 0103 Performance
  -JCC: THE 1550, THE 1570
- One upper-level theatre course
- One further elective course in theater, lower or upper level

Available upper-level theater courses: THEA 1302 Directing, THEA 1303 Playwriting, THEA 1304 Advanced Acting, THEA 1310 Shakespearean Performances, THEA 1497 Directed Study, THEA 1498 Directed Research, THEA 1499 Internship in Theatre

Writing Area Requirements

Four writing courses, which can include upper-level course(s)

One literature course:

One upper-level writing course

Available lower-level writing courses: COMM 0106 News Writing, WRITNG 0106 Introduction to Fiction Writing, WRITNG 0107 Beginning Poetry Writing, COMM 0108 Newspaper Staff, WRITNG 0108 Introduction to Creative Nonfiction, WRITNG 0111 Literary Editing and Magazine Production 1, WRITNG 0211 Literary Editing and Magazine Production 2.
Available upper-level writing courses: WRITNG 1302 Advanced Fiction Writing, WRITNG 1304 Advanced Poetry Writing, WRITNG 1310 Advanced Feature Writing, WRITNG 1311 Literary Editing and Magazine Production 3, WRITNG 1402 Writing from the Self, WRITNG 1450 Topics in Writing

Interdisciplinary Arts Major Requirements: Music Emphasis
Bachelor of Science in Mathematics Education (7-12) program
Due to the certification requirements of the Mathematics Education (7-12) program, additional language serves as an addendum to the first page of the Transfer Master Agreement describing the relationship and requirements for admission.

C. Admission requirements and transfer of academic credits

1. UPB agrees that students from JCC will meet the admissions standards of the Bachelor of Science in Mathematics Education (7-12) program given that they satisfy the following conditions:

a. Successful completion of up to 75 transferable credits with a grade of "C" = 2.00 or better:

b. A cumulative grade point average (GPA) of 2.6 or better.

c. Students must meet UPB conduct standards in regard to known behavioral problems.

2. UPB agrees that JCC's students who meet the above admissions standards and complete the application and deposit requirements by May 1 will be admitted into the Bachelor of Science in Mathematics Education (7-12) program.

JCC students who transfer a minimum of 60 credit hours with grades of "C" or higher will be admitted to UPB with junior standing. However, admission to the education program requires the following:

- Students must pass the Praxis I series.
- Students must have a 3.0 minimum cumulative grade point average, at Pitt-Bradford, with no grade below a “C-” in a required course.
- Students must have current Pennsylvania clearances (Child Abuse and Criminal Check). Clearances are only good for one year. Non-Pennsylvania residents must sign and have notarized a form that states that they have no child abuse or criminal records in their home state.
- Students must complete the pre-requisite courses EDUC 0204 (students can take EDU 1510 at JCC) and EDUC 0210. JCC students who transfer to UPB and who subsequently complete these courses with no grade below a “C-” will be admitted to the education department.
- JCC students who enter UPB with at least 54 credit hours including EDU 1510 (EDUC 0204) that fulfill requirements for the Bachelor of Science in Biology Education (7-12), maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements for the BS degree in four, full-time fall and spring semesters at UPB.

Courses required from the University of Pittsburgh at Bradford to complete the Bachelor of Science in Mathematics Education (7-12)

A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.)

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
- JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
- JCC: MAT 1710 (see the major requirements)
**The Human Experience**: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

*Note: the human experience curriculum must include at least one course designated as Non-Western*
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

**Arts and Letters** 9-10 credits
*Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.*

*Literature (GE: Literature)*
- JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, SPA 2530, THE 1510, THE 1520

*Creative, Fine, and Performing Arts (GE: Arts)*
- JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

*Foreign Languages (GE: Language)*
- JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

*Note: Two semesters of a language is required for any student seeking New York state certification.*

**Behavioral, Economics, and Political Sciences** 9 credits
*Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).*

*Behavioral Sciences (GE: Behavioral Sciences)*
- JCC: BUS 2580, CMM 1510, CMM 2600, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

*Economics (GE: Economics)*
- JCC: ECO 1530, ECO 2610, ECO 2620

*Political Science (GE: Political Science)*
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

**History, Culture, and Philosophical Inquiry** 9 credits
*Note: at least one History course is required, and two areas must be met.*

*History (GE: History/Euro-American or GE: History/Non-Western)*
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

*Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)*
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

*Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)*
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720
Physical, Life, and Computational Sciences  
9-12 credits  
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)  
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)  
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)  
- JCC: MAT 1720 (required for the major)

Physical Education  
1 credits  
One course in the Department of Physical Education (GE: Physical Education).  
- JCC: Any PHE course or CRI 1290

Major Requirements  
Course Requirements in the Major (students must receive a C- or better in all core courses, and a minimum grade of C is required for any course to transfer from JCC). Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

- MATH 0135  Discrete Math  
  - JCC: MAT 1670
- MATH 0140  Calculus I  
  - JCC: MAT 1710
- MATH 0150  Calculus II  
  - JCC: MAT 1720
- MATH 0201  Calculus III  
  - JCC: MAT 2650
- MATH 0202  Ordinary Differential Equations  
  - JCC: MAT 2680
- MATH 0206  Linear Algebra  
  - JCC: MAT 2670
- MATH 0207 or MATH 1314 Geometry or MATH 1314 Topics in Geometry
- MATH 1303  Mathematical Modeling
- MATH 1309  Applied Probability and Statistics
- MATH 1315  Advanced Differential Equations
- MATH 1318  Introduction to Analysis
- MATH 1452  Capstone: Mathematics

Other required courses:  
- EDUC 0204  Introduction to Education  
  - JCC: EDUC 1510
- EDUC 0215  English Language Learners
- EDUC 0220  Special Education Law
- EDUC 1301  Instructional Technology
- EDUC 1307  Secondary Methods
- EDUC 1325  Development of Exceptional Children  
  - JCC: EDUC 2450/2460 (note that two courses (6 credits) in exceptional children are required)
- EDUC 1330  Educating Exceptional Children  
  - JCC: EDUC 2450/2460 (note that two courses (6 credits) in exceptional children are required)
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Bachelor of Science in Nursing
A minimum of 120 credits are required, 30 of which must be upper-level.

Due to the accreditation requirements of the nursing program, additional language serves as an addendum to the first page describing the relationship and requirements for admission.

This agreement applies only to the Associate in Applied Science in Nursing program that is currently constituted and delivered at JCC and fully accredited by NLNAC as of the 2009 - 2010 academic year.

C. Admission requirements and transfer of academic credits

1. UPB agrees that graduates of the Associate in Applied Science in Nursing program meet the admissions standards of the Bachelor of Science in Nursing program given that they satisfy the following conditions:
   a. Successful completion of required JCC credits with a grade of "C" = 2.0 grade points or better:
   b. A cumulative grade point average (GPA) of 2.5 or better.
   c. Students must meet UPB conduct standards in regard to known behavioral problems.
   d. One of the following:
      1. Graduation from JCC with the Associate in Applied Science in Nursing within three years prior to consideration for admission to the RN-BSN program at UPB
      2. Graduation from JCC with the Associate in Applied Science in Nursing more than 3 years ago but with evidence of at least 1000 hours nursing practice within three years prior to consideration for admission to the RN-BSN program at UPB
      3. Successful completion of four required Excelsior College exams (Fundamentals of Nursing #403, Adult Nursing #554, Maternal/Child Nursing #457, Psychiatric-Mental Health Nursing #503) with a minimum score of 45 is required on each exam.
   f. Cumulative QPA of 2.50 or above for the minimum 34 Pre-BSN prerequisite credits.

2. UPB agrees that JCC’s Associate in Applied Science in Nursing graduates who meet the above admissions standards and complete the application and deposit requirements by May 1 will be admitted into the Bachelor of Science in Nursing program.

JCC students who complete the required and recommended courses in this agreement with grades of “C” or higher will be admitted to UPB with junior standing. JCC students who enter UPB with the appropriate courses, maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements for the BSN degree in four, full-time fall and spring semesters.

Courses to be transferred and courses remaining for completion of the Bachelor of Science in Nursing

Courses required from Jamestown Community College

**Humanities**
ENG 1530: College Composition
ENG 1540: Writing about Literature

**Social Science Electives**
PSY 1510: General Psychology I
PSY 2510: Life Span Development
SOC 1510: Introduction to Sociology

Mathematics/Sciences Electives
BIO 1510: Anatomy and Physiology I
BIO 2520: Anatomy and Physiology II
BIO 2760: Nutrition
MAT 1540: Elementary Statistics (required by most baccalaureate programs)

Program Core Requirements
NUR 1500: Introduction to Pharmacology
NUR 1510: Foundations of Nursing
NUR 1520: Health Restoration
NUR 2350: Pharmacology for Nurses or NUR 2310, 2320, 2330
NUR 2510: Health Restoration & Maintenance I
NUR 2520: Health Restoration & Maintenance II
NUR 2550: Pathophysiology I
NUR 2560: Pathophysiology II
NUR 2970: Health Status Assessment for Registered Nurses

Pre-BSN Prerequisite Courses:

Arts and Letters
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

History (GE: History/Euro-American or GE: History/Non-Western) (one HIST course and one PHIL course)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

-JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

BIOL 0202 Microbiology or BIO 2531 (Microbiology lecture) or BIO 2531 and BIO 2532 (Microbiology lecture and lab). (Can be challenged through Regent’s College Challenge Examination Program)
-JCC: BIO 2530
CHEM 0103 Biological Chemistry
-JCC: CHE 1530
PSY 0206 Abnormal Psychology
-JCC: PSY 2560

RN-BSN required courses
NUR 1302 Professional Nursing Concepts
NUR 1310 Ethical Dimensions of Professional Nursing
NUR 1401 Nursing Research
NUR 1402 Health Assessment/Promotion
NUR 1403 Advanced Clinical Practicum
NUR 1404 Community Health Nursing
NUR 1451 Capstone: Professional Nursing
Upper-level electives (six credits of which one must be NUR)

ANTH 1305 Religion and Society or ANTH 0101 Introduction to Cultural Anthropology
ANTH 1307 or ECON 1301 Poverty and Society
Bachelor of Science in Psychology
120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101   English Composition I
ENG 0102   English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
Please note that the major requires Precalculus
-JCC: MAT 1600

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
PSY 0101 is required
-JCC: PSY 1510

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry  
9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
-JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences  
9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
-JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
Required courses for the major
-JCC: (1) (a) BIO 1570 or BIO 7505 Biology: A Molecular Approach and (b) BIO 1580 or
(2) (a) BIO 1570 or BIO 7505 and (b) BIO 2660 and BIO 2670 or (b) BIO 2510 and BIO 2520

Physical Education  
1 credits
One course in the Department of Physical Education (GE: Physical Education).
-JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC. Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

COURSES WITHIN THE MAJOR
PSY 0101 Introduction to Psychology*
-JCC: PSY 1510
PSY 0201 Statistics*
-JCC: MAT 1540
PSY 0265 Data Analysis and Research Writing*
PSY 1301 Experimental Psychology*
PSY 1452 Capstone: Psychology*

Content area requirements in psychology
(two courses from each of the three following content areas)*

Cognitive-Developmental (two courses)*  
6
PSY 0202 Child Development
-JCC: PSY 2520
PSY 1302 Cognitive Development
PSY 1304 Human Memory
PSY 1324 Development of Exceptional Children
-JCC: EDU 2450
PSY 1406 Human Learning
PSY 1447 Topics in Cognitive-Developmental Psychology
Applied Social Psychology (two courses)*
PSY 0203 Social Psychology
   -JCC: PSY 2530
PSY 0204 Personality Theories
   -JCC: PSY 2500
PSY 1308 Theories of Motivation
PSY 1335 Psychology of Prejudice and Discrimination
PSY 1337 Health Psychology
PSY 1403 Advanced Social Psychology
PSY 1448 Topics in Applied Social Psychology

Counseling Psychology (two courses)*
PSY 0206 Abnormal Psychology
   -JCC: PSY 2560
PSY 1303 Psychological Assessment
PSY 1317 Child and Adolescent Psychopathology
PSY 1407/1408 Counseling Psychology and lab
PSY 1405 Intelligence and Testing
PSY 1410 Psychology and Law
PSY 1449 Topics in Counseling Psychology

*Students must receive a C- or better in these courses.

Required psychology electives (two upper-level courses—1300 or above)
(PSY 1498 Directed Research and PSY 1499 Internship may be used as psychology electives)

Other required courses
BIOL 0101 Intro to Biodiversity
and BIOL 0102 Introduction to Cell and Molecular Biology
or
BIOL 0212 and 0213 Human Anatomy and Physiology I and II
   -JCC: BIO 1570 and BIO 1580 or BIO 1570 and BIO 2660 and BIO 2670 or BIO 2510 and BIO 2520
COMM 0104 Public Speaking
or COMM 0206 Interpersonal Communication
   -JCC: CMM 1610 or CMM 2500
MATH 0132  Precalculus or a higher-level math course
   -JCC: MAT 1600

Required minor (Transfer students who have earned a previous degree do not need to complete a minor.)
Bachelor of Arts in Public Relations
120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HPS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
COMM 0101 Introduction to Human Communication is required
-JCC: CMM 1510

-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620
Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
COMM 1307 Visual Communications is required
- JCC: ENG 2730, ENG 2840, INE 2770, ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT 2600, GEO 1520, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1650, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC. Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

COURSES WITHIN THE MAJOR
COMM 0101 Introduction to Human Communication
- JCC: CMM 1510
COMM 0104 Public Speaking
- JCC: CMM 1610
COMM 0201 The Mass Media and Society
- JCC: CMM 1750
PR 0101 Introduction to Public Relations
COMM 1307 Visual Communication
PR 1302 Public Relations: Case Problems
PR 1304  Promotional Writing
PR 1451  Capstone: Public Relations
COMM 0106  News Writing
COMM 0107  News Editing
COMM 0108  Newspaper Staff (The Source)
(must be taken twice for credit)
COMM 0210  Social Media Communication
PR 1499  Internship in Public Relations
or  COMM 1309  Environmental Communications

Required minor (Transfer students who have earned a previous degree do not need to complete a minor.)
Bachelor of Arts in Social Sciences
A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science). Some courses selected from these areas could also meet the requirements of Area I, II or III in the major.

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2550, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620
Political Science (GE: Political Science)
- JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met. Some courses selected from these areas could also meet the requirements of Area I, II or III in the major.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540 (Statistics required)

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC.

COURSES WITHIN THE MAJOR
The social sciences major consists of 15 courses (45 credits), 14 of which are distributed in three of seven areas of concentration: anthropology (JCC-ANT/UPB-ANTH), criminal justice (JCC-CRI/UPB-ADMJ), economics (JCC-ECO/UPB-ECON), history (JCC-HIS/UPB-HIST), political science (JCC-POL/UPB-PS), psychology (JCC/UPB-PSY), and sociology (JCC/UPB-SOC). Five courses (15 credits) must be at the 1300 level or above (this does not include the Capstone).

Area I (six courses) 18 credits
Area II (four courses) 12 credits
Area III (four courses) 12 credits

Capstone (ANTH 1451, ECON 1451, HIST 1451, PS 1451, or SOC 1451, or SOCSCI 1451)
Bachelor of Science in Social Studies Education (7-12) program
Due to the certification requirements of the Social Studies Education (7-12) program, additional language serves as an addendum to the first page of the Transfer Master Agreement describing the relationship and requirements for admission.

C. Admission requirements and transfer of academic credits

1. UPB agrees that students from JCC will meet the admissions standards of the Bachelor of Science in Social Studies Education (7-12) program given that they satisfy the following conditions:

a. Successful completion of up to 75 transferable credits with a grade of "C" = 2.00 or better:

b. A cumulative grade point average (GPA) of 2.6 or better.

c. Students must meet UPB conduct standards in regard to known behavioral problems.

2. UPB agrees that JCC's students who meet the above admissions standards and complete the application and deposit requirements by May 1 will be admitted into the Bachelor of Science in Social Studies Education (7-12) program.

JCC students who transfer a minimum of 60 credit hours with grades of "C" or higher will be admitted to UPB with junior standing. However, admission to the education program requires the following:

- Students must pass the Praxis I series.
- Students must have a 3.0 minimum cumulative grade point average, at Pitt-Bradford, with no grade below a "C-" in a required course.
- Students must have current Pennsylvania clearances (Child Abuse and Criminal Check). Clearances are only good for one year. Non-Pennsylvania residents must sign and have notarized a form that states that they have no child abuse or criminal records in their home state.
- Students must complete the pre-requisite courses EDUC 0204 (students can take EDU 1510 at JCC) and EDUC 0210. JCC students who transfer to UPB and who subsequently complete these courses with no grade below a “C-“ will be admitted to the education department.
- JCC students who enter UPB with at least 54 credit hours including EDU 1510 (EDUC 0204) that fulfill requirements for the Bachelor of Science in Biology Education (7-12), maintain full-time enrollment of 15-18 credits, register for recommended courses, and earn grades of “C” or higher will fulfill graduation requirements for the BS degree in four, full-time fall and spring semesters at UPB.

Courses required from the University of Pittsburgh at Bradford to complete the Bachelor of Science in Social Studies Education (7-12)

A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.)

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)
The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9-10 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Note: Two semesters of a language is required for any student seeking New York state certification.

Behavioral, Economics, and Political Sciences 9 credits
This requirement is met through courses in the major (see below).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, CMM 2600, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860

History, Culture, and Philosophical Inquiry 9 credits
This requirement is met through courses in the major (see below).

History (GE: History/Euro-American or GE: History/Non-Western)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
-JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.
Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
Course Requirements in the Major (students must receive a C- or better in all core courses, and a minimum grade of C is required for any course to transfer from JCC). Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

All social studies education majors must complete the following core content courses. 12 credits within the major must be international or cross-cultural in nature.

HIST 0106 and 0107 U.S. History I and II
- JCC: HIS 1530, HIS 1540

Two courses in European history from the following list: HIST 0103, HIST 0104, HIST 0105, HIST 0108, or HIST 0109

PS course in American Government & Politics
- JCC: POL 1510

PS course in Comparative Government & Politics

PS course in International Politics
- JCC: POL 1520, POL 2860

PS course in Political Theory

HIST 1451 or PS 1451 Capstone

Required Electives
Upper-level History elective (3 credits)
Upper-level Political Science elective (3 credits)
Upper-level History or Political Science elective (3 credits)

MATH (Second college-level math required)
- JCC: MAT 1220 or above (exception – cannot use MAT 1540)

Collateral Areas–24 credits with at least one course in each area

Anthropology (ANTH)
- JCC: Any ANT course

Geography (GEOG)
- JCC: Any GEO course

Economics (ECON)
PSY 0101 Introduction to Psychology  
  -JCC: PSY 1510 General Psychology
SOC elective (see major)  
  -JCC: Any SOC course

Two upper-level required collateral electives (Choose from ANTH, ECON, GEOG, PSY, and SOC)

EDUC 0204 Introduction to Education  
  -JCC: EDU 1510
EDUC 0215 English Language Learners
EDUC 0220 Special Education Law
EDUC 1301 Instructional Technology
EDUC 1307 Secondary Methods
EDUC 1325 Development of Exceptional Children  
  -JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)
EDUC 1330 Educating Exceptional Children  
  -JCC: EDU 2450/2460 (note that two courses (6 credits) in exceptional children are required)
EDUC 1350 Educational Psychology and Measurement
EDUC 1378 Reading & Writing in Content Curriculum
EDUC 0210 Education Practicum 1
EDUC 1310 Education Practicum 2
EDUC 1410 Education Practicum 3
EDUC 1481 Student Teaching
Bachelor of Arts in Sociology
A minimum of 120 credits are required, 30 of which must be upper-level.

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580 (Please note that SOC 1510 and PSY 1510 and 1520 are required in the major).

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry 9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
-JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
-JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
-JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
-JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
-JCC: MAT 1540 (Statistics required)

Physical Education 1 credits
One course in the Department of Physical Education (GE: Physical Education).
-JCC: Any PHE course or CRI 1290

Major requirements
SOC 0101 Introduction to Sociology
-JCC: SOC 1510
SOC 1310 Sociological Theory
SOC 1401 Social Research
SOC 1451 Capstone: Sociological Analysis

Corequirements
PSY 0101 Introduction to Psychology
-JCC: PSY 1510
PSY 0201 or ECON 0201 Statistics
-JCC: MAT 1540 (Statistics required)

Area Requirements in Sociology
The Individual in Society (2 courses are required - 1 must be upper-level):
SOC 0204 Sociology of Deviance
-JCC: SOC 2540
SOC 0205 Death and Dying
-JCC: PSY 1610
SOC 0209 Social Problems
-JCC: SOC 2520
SOC 1302  Socialization
SOC 1303  Society and the Individual
SOC 1304  Small Groups
SOC 1316  Social and Cultural Change

Inequalities and Social Differences (2 courses are required - 1 must be upper-level):
SOC 0201  Sociology of Gender
SOC 0207  Racial and Ethnic Groups
-JCC: SOC 2580
SOC 1308  Inequality in Society
SOC 1313  Sociology of Aging
SOC 1314  Images of Women and Men

Social Institutions (2 courses; 1 must be upper-level):
SOC 0202  Sociology of Sport
SOC 0206  Criminology
-JCC: SOC 2560
SOC 0235  Environmental Sociology
SOC 1301  The Family
-JCC: SOC 2510
SOC 1305  Organizational Behavior
SOC 1306  Work and Society
SOC 1307  Medical Sociology

Psychology (2 courses are required):
PSY 0202  Child Development
-JCC: PSY 2510, PSY 2520
PSY 0203  Social Psychology
-JCC: PSY 2530
PSY 0206  Abnormal Psychology
-JCC: PSY 2560
Bachelor of Arts in Sport and Recreation Management

A minimum of 120 credits are required, 30 of which must be upper-level.

General Education Requirements

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.)

Written Literacy

ENG 0101 English Composition I
ENG 0102 English Composition II

-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics

MATH 0098 College Algebra II or designated higher-level math course.

-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western

-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters  9 credits

Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)

-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)

-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)

-JCC—ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits

Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)

-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)

ECON 0102 Introduction to Microeconomics

-JCC: ECO 2620

Political Science (GE: Political Science)

-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry  9 credits
Note: at least one History course is required, and two areas must be met.

History (GE: History/Euro-American or GE: History/Non-Western)
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences  9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

Physical Sciences (GE: Physical Sciences)
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

Life Sciences (GE: Life Sciences)
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

Computational Sciences (GE: Computational Sciences)
- JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

Physical Education  1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
Course Requirements in the Major (students must receive a C- or better in all core courses, and a minimum grade of C is required for any course to transfer from JCC)

HPRED 0202  Psychology of Sport
- JCC: PHE 1870
HPRED 0210  The Governance and Management of Sport
HPRED 1301  Sports Marketing
HPRED 1310  Ethics and Leadership in Sport
HPRED 1401  Issues in Legal Liability in Sport, Recreation, and Exercise Science
HPRED 1407  Facility and Event Management for Sport
HPRED 1425  Sports Economics and Finance
HPRED 1452  Capstone: Sport and Recreation Management
HPRED 1496  Fieldwork in Sport and Recreation Management

ACCT 0201  Financial Accounting Concepts
- JCC: BUS 1510
ACCT 0202  Managerial Accounting Concepts
   -JCC: BUS 1520
ECON 0102  Introduction to Microeconomics
   -JCC: ECO 2620 (previously listed in GE: Economics)
ECON 0103  Macroeconomics
   -JCC: ECO 2620
MGMT 0110  Principles of Business Management
   -JCC: BUS 2570
MGMT 1304  Business Law
   -JCC: BUS 2530, BUS 2540
MIS 0208  Business Information Systems
MRKT 1301  Principles of Marketing
   -JCC: BUS 2550
PR 0101  Introduction to Public Relations
PSY 0101  Introduction to Psychology
   -JCC: PSY 1510
SOC 0101  Introduction to Sociology
   -JCC: SOC 1510
SOC 0202  Sociology of Sport
SOC/MGMT 1301  Organizational Behavior
   -JCC: BUS 2580
Bachelor of Science in Sports Medicine
A minimum of 120 credits are required, 30 of which must be upper-level.

Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520 (Please note that THE 1510 is required in the major).

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580 (Please note that CMM 1510 is required in the major).

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry  9 credits
Note: at least one History course is required, and two areas must be met.

**History (GE: History/Euro-American or GE: History/Non-Western)**
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

**Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)**
- JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT/BIO/CMM 2600, ENG 2730, ENG 2840, GEO 1520, INE 2770, INT 2530, INT 2540

**Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)**
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

**Physical, Life, and Computational Sciences**  9-12 credits
Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

**Physical Sciences (GE: Physical Sciences)**
- JCC: AST 1510, CHE 1530, CHE 1550, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

**Life Sciences (GE: Life Sciences)**
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

**Computational Sciences (GE: Computational Sciences)**
- JCC: MAT 1540 (Statistics required)

**Physical Education**  1 credits
One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

**Major Requirements**
HPRED 0101  Introduction to Sports Medicine
- JCC: PHE 1500
HPRED 0106  Nutrition
- JCC: PHE 1880, BIO 2760
HPRED 0206  Evaluation and Rehabilitation of Athletic Injuries I
HPRED 0207  Evaluation and Rehabilitation of Athletic Injuries II
HPRED 0209  Personal Health and Wellness
HPRED 1302  Therapeutic Modalities
HPRED 1305  Biomechanics
HPRED 1306  Exercise Physiology I
HPRED 1309  Therapeutic Exercise
HPRED 1320  Principles of Strength Training and Conditioning
HPRED 1405  Research Methods
HPRED 1410  Exercise Prescription
HPRED 1416  Clinical Exercise Physiology
HPRED 1430  Worksite Health Promotion
HPRED 1451  Capstone: Sports Medicine
BIOL 0212  Human Anatomy and Physiology I
- JCC: BIO 2510
BIOL 0213  Human Anatomy and Physiology II
- JCC: BIO 2520
PSY 0101 Introduction to Psychology
- JCC: PSY 1510
PEDC 0108 Physical Conditioning/Weight Training
- JCC: PHE 1680

Students must receive a C- or better in all above core courses.
Bachelor of Arts in Writing
120 credits are required, 30 of which must be upper-level.

General Education Requirements
Competencies (A minimum grade of C- is required in courses taken to satisfy competency requirements, and a minimum grade of C is required for any course to transfer from JCC.) Some courses may also count toward major requirements.

Written Literacy
ENG 0101 English Composition I
ENG 0102 English Composition II
-JCC: ENG 1510 and ENG 1530 or ENG 1530 and ENG 1540

Mathematics
MATH 0098 College Algebra II or designated higher-level math course.
-JCC: MAT 1220 or above (exception – cannot use MAT 1540)

The Human Experience: The Human Experience, Pitt-Bradford’s General Education Program comprises these five subcategories: Arts and Letters; Behavioral, Economics, and Political Sciences; History, Culture, and Philosophical Inquiry; Physical, Life, and Computational Sciences; and Physical Education.

Note: the human experience curriculum must include at least one course designated as Non-Western
-JCC: ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ART 1550, ENG 2510, ENG 2520, GEO 1520, HIS 1510, SPA 2560, REL 2580

Arts and Letters 9 credits
Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.

Literature (GE: Literature)
-JCC: ENG 1540 (if ENG 1510 and ENG 1530 are taken), ENG 2510, ENG 2520, ENG 2530, ENG 2550, ENG 2560, ENG 2580, ENG 2590, ENG 2610, ENG 2620, ENG 2830, ENG 2850, ENG 2870, INT 2530, INT 2540, SPA 2530, THE 1510, THE 1520

Creative, Fine, and Performing Arts (GE: Arts)
-JCC: 3 credits in any ART, DAN, MUS, or THE course(s) or ENG 2540, ENG 2890, HUS 2480

Foreign Languages (GE: Language)
-JCC: ARA 1510, ARA 1520, ASL 1510, ASL 1520, FRE 1510, FRE 1520, FRE 2510, FRE 2520, GER 1510, RUS 1510, SPA 1510, SPA 1520, SPA 2510, SPA 2520, SPA 2550

Behavioral, Economics, and Political Sciences 9 credits
Courses must be selected from at least two different categories (the categories are behavioral science, economics, and political science).

Behavioral Sciences (GE: Behavioral Sciences)
-JCC: BUS 2580, CMM 1510, EDU 2340, HUS 1280, PSY 1510, PSY 1550, PSY 1570, PSY 1610, PSY 2500, PSY 2520, PSY 2530, PSY 2550, PSY 2560, PSY 2570, PSY 2580, PSY 2600, PSY 2710, SOC 1510, SOC 1520, SOC 1530, SOC 2520, SOC 2540, SOC 2560, SOC 2570, SOC 2580

Economics (GE: Economics)
-JCC: ECO 1530, ECO 2610, ECO 2620

Political Science (GE: Political Science)
-JCC: CRI 1540, CRI 2380, CRI 2530, CRI 2640, POL 1510, POL 1520, POL 1550, POL 1560, POL 2530, POL 2570, POL 2860
History, Culture, and Philosophical Inquiry 9 credits

Note: at least one History course is required, and two areas must be met.

**History (GE: History/Euro-American or GE: History/Non-Western)**
- JCC: HIS 1510, HIS 1520, HIS 1530, HIS 1540, HIS 2590, HIS 2560, HIS 2590

**Cultures (GE: Cultures/Euro-American or GE: Cultures/Non-Western)**
- COMM 1307 Visual Communications is required
- JCC: ENG 2730, ENG 2840, INE 2770, ANT 1510, ANT 1520, ANT 1530, ANT 2510, ANT 2520, ANT 2540, ANT 2600, GEO 1520, INT 2530, INT 2540

**Philosophical Inquiry (GE: Philosophy/Euro-American or GE: Philosophy/Non-Western)**
- JCC: PHL 1510, PHL 1520, PHL 1570, PHL 2550, PHL 2570, PHL 2610, PHL 2630, PHL 2650, PHL 2720

Physical, Life, and Computational Sciences 9-12 credits

Must include one course each in physical sciences and life sciences, one of which must have a laboratory.

**Physical Sciences (GE: Physical Sciences)**
- JCC: AST 1510, CHE 1530, CHE 1550, CHE 1560, GLG 1510, GLG 1520, GLG 1550, HUS 1310, MET 1510, PHY 1250, PHY 1260, PHY 1510, PHY 1610, PHY 1620, PHY 1710, PHY 2710, PHY 2720

**Life Sciences (GE: Life Sciences)**
- JCC: ANT 1510, ANT/BIO/CMM 2600, BIO 1500, BIO 1510, BIO 1570, BIO 1580, BIO 1700, BIO 1820, BIO 1830, BIO 2510, BIO 2520, BIO 2530 or BIO 2531 (lecture) or BIO 2531 and BIO 2532 (lecture and lab), BIO 2550, BIO 2560, BIO 2570, BIO 2620, BIO 2640, BIO 2660, BIO 2670, BIO 2760, BIO 2800, BIO 2820, BIO 2830, BIO 7003 (Introduction to Biotechnology), BIO 7504 (From Science Fiction to Fact), BIO 7505 (Biology: A Molecular Approach)

**Computational Sciences (GE: Computational Sciences)**
- JCC: MAT 1540, MAT 1600, MAT 1630, MAT 1640, MAT 1710, MAT 1720, MAT 2650, MAT 2670, MAT 2680, CSC 1510, CSC 1570, CSC 1580, CSC 1590, MAT 1670

**Physical Education** 1 credits

One course in the Department of Physical Education (GE: Physical Education).
- JCC: Any PHE course or CRI 1290

Major Requirements
A minimum grade of C is required for any course to transfer from JCC. Some of these courses may also fulfill the Pitt-Bradford general education requirements above.

**COURSES WITHIN THE MAJOR**

**WRITNG 0111** Literary Editing and Magazine Production

Take four courses from the following list:

COMM 0106 News Writing
- JCC: ENG 2740

WRITNG 0106 Introduction to Fiction Writing
- JCC: ENG 2540*

WRITNG 0107 Beginning Poetry Writing
- JCC: ENG 2540*

COMM 0108 Newspaper Staff (The Source)

WRITNG 0108 Introduction to Creative Nonfiction
- JCC: ENG 2890

WRITNG 0220 Feature Writing
* Note: ENG 2540 can be used as one of the four courses.

**Requirements in Literature**
One course from each of the following groupings, including at least one course at the 1300 level or above. **Two of these courses will also counts toward the general education requirements.**

**Survey courses**
ENG 0105 Masterpieces of World Literature  
- JCC: ENG 2510, ENG 2520
ENG 0201 American Literature before the Civil War  
- JCC: ENG 2550
ENG 0202 American Literature since the Civil War  
- JCC: ENG 2610
ENG 0203 British Literature before 1800  
- JCC: ENG 2610
ENG 0204 British Literature after 1800  
- JCC: ENG 2620
ENG 0205 Introduction to Shakespeare  
- JCC: ENG 2830
ENG 0214 Introduction to Literature by Women
ENG 0218 Introduction to Literature and the Environment
ED 0255 Readings in Children’s Literature  
- JCC: EDU 2440
ENG 1306 20th Century Irish Literature
ENG 1307 19th Century American Literature
ENG 1315 British Literature of the Romantic Era
CLP 0208 French Literature in Translation
CLP 0216 Modern African Literature: The Novel
CLP 0220 Caribbean Literature and Cultures
CLP 1310 Postcolonial Theory and Literature
CLP 1320 African Literature and Spirituality

**20th-Century Courses**
ENG 1305 20th Century British Literature
ENG 1306 20th Century Irish Literature
ENG 1308 20th Century American Literature
ENG 1310 Contemporary American Poetry
ENG 1410 Major Authors (when 20th century)
ENG 1450 Topics in Literature (when 20th century)
CLP 0204 20th-Century Prose Narrative
CLP 0206 Hispanic Literature in English
CLP 0216 Modern African Literature: the Novel
CLP 1301 The Modernist Tradition  
- JCC: ENG 2580
CLP 1310 Postcolonial Literature
CLP 1320 African Literature and Spirituality
EDUC 0275 Adolescent Literature  
- JCC: ENG 2650

**Genre Courses**
ENG 0103 Introduction to Poetry
ENG 0106 Introduction to Short Story
ENG 0207 American Poetry
ENG 1301 Contemporary American Poetry
ENG 1309 Major American Novels
CLP 0207 Short Fiction in Spanish
CLP 0216 Modern African Literature: the Novel
THEA 0203 Play Analysis
THEA 1310 Shakespearean Performances

Other Required Courses

One Arts and Letters General Education course in Theatre, Music, or Visual Art (3 credits). This also counts toward the general education requirements.
-JCC: 3 credits in any ART, DAN, MUS, or THE

WRITNG 1451 Capstone: Writing

Foreign language proficiency through and including the intermediate level (or the equivalent)