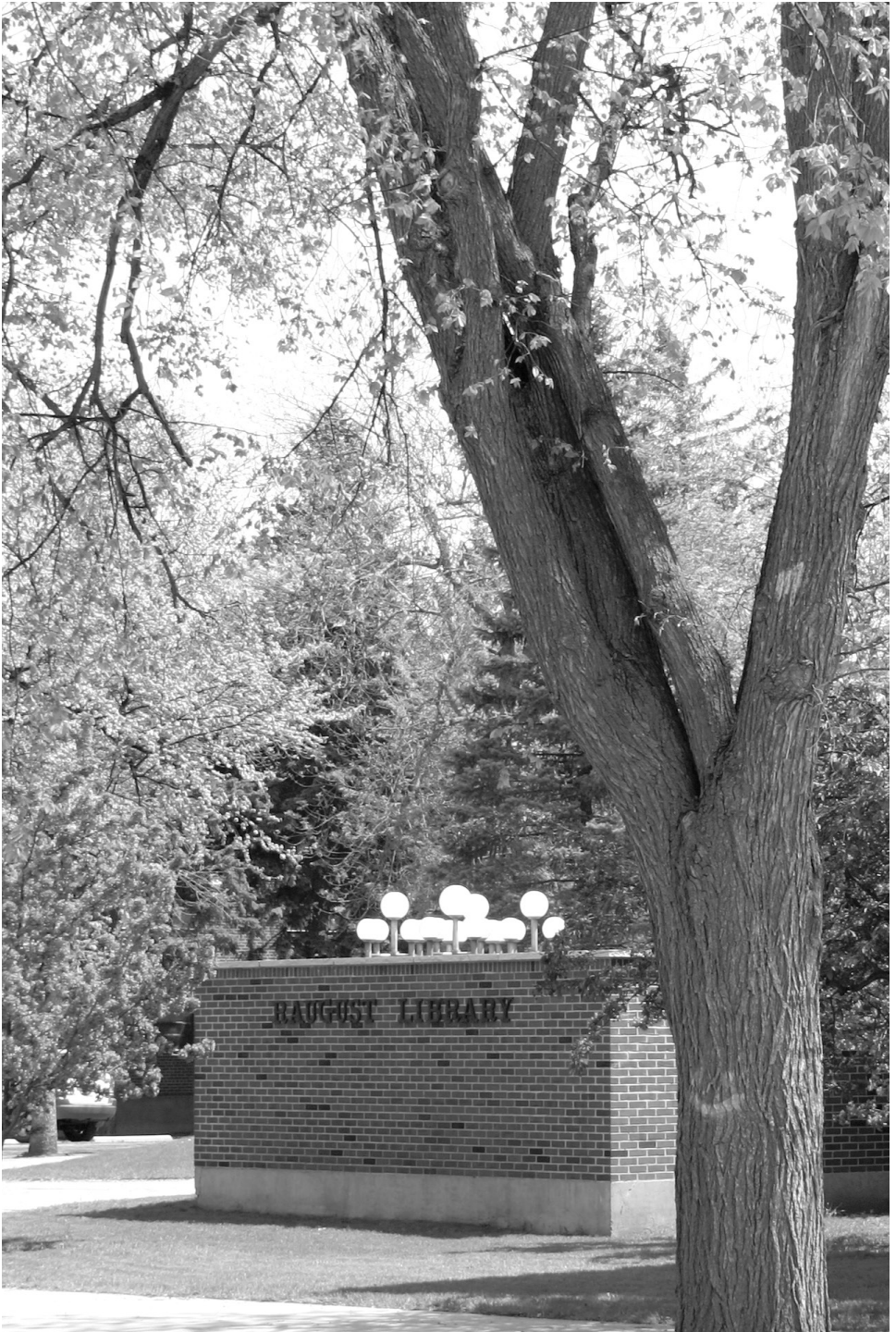


Catalog

2013-2014



JamesTown^{COLLEGE}



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Campus Offices for Quick Reference

Correspondence should be addressed to the appropriate office, followed by:

Jamestown College
Jamestown, ND 58405

The telephone number for offices at Jamestown College is (701) 252-3467, followed by the appropriate extension number listed below.

0	<i>College Switchboard</i> Campus directory assistance.
5614	<i>Academic Dean</i>
5562	<i>Admissions Office</i> 1-800-336-2554 (U.S. and Canada) Admissions information, publications, and application forms.
5476	<i>Bookstore</i>
5559	<i>Business Office</i> Status of student accounts.
5520	<i>Career Services</i> Career planning, placement, and testing
5563	<i>Dean of Students</i>
5556	<i>Financial Aid Office</i>
5453	<i>Housing Office</i>
5576	<i>Institutional Advancement/Alumni Office</i>
5598	<i>Learning/Advising Center</i> Schedule problems, peer tutoring, learning disabilities, and advisor changes.
5551	<i>President</i>
5415	<i>Public Relations/Marketing</i>
5530	<i>Raugust Library</i>
5554	<i>Registrar</i> Credit evaluation, graduation requirements, class schedules, grades, and transcript requests.

Nondiscrimination Policy

Nondiscrimination

Jamestown College is committed to fostering an atmosphere that is respectful and cooperative, and which promotes equal opportunity. Jamestown College prohibits unlawful discrimination and/or harassment in the College environment, in its employment, and in all of its programs, including: all academic, extra-curricular, and College-sponsored activities whether off or on campus. Jamestown College is committed to ensuring an environment free from all discrimination and/or harassment based on race, color, national origin, gender, disability, sexual orientation, or other status with respect to which discrimination would be unlawful. Prohibited behaviors include: disrespectful and offensive behavior, unwelcome remarks and/or physical conduct that denigrates or shows hostility or aversion toward an individual's race, color, national origin, gender, disability, sexual orientation, or other status with respect to which discrimination would be unlawful. All students, faculty, administrators, and staff are encouraged to work together to prevent acts of unlawful discrimination and/or harassment of any kind. College staff who observe acts of discrimination and/or harassment should intervene to stop discrimination and/or harassment, unless circumstances would make such intervention dangerous. Any student, faculty, administrator, or staff who believes he or she has been subjected to or witnessed discrimination, harassment, or a hostile environment shall promptly report such conduct to the Affirmative Action Officer in Human Resources (Liechty Center/Taber Hall 216) or the alternate designee the Dean of Students (Nafus Center), so that the College can timely, fairly, and appropriately investigate, document, and

respond to any such reports. Any student, faculty, administrator, or staff found to have engaged in acts of unlawful discrimination, harassment or other acts that create a hostile environment at Jamestown College, will be promptly disciplined. Such discipline may include, if circumstances warrant, discipline up to and including suspension, expulsion, and termination. Retaliation against any person who complains of discrimination or harassment, or who participates in the investigation of a complaint of discrimination or harassment, is prohibited. Individuals who are found to have engaged in retaliation will be subject to discipline up to and including termination of employment, suspension, or expulsion.

Guidelines for Student Requests for Reasonable Accommodation on the Basis of a Learning Disability

1. Students are responsible for identifying themselves to the director of the Learning and Academic Advising Center as having a learning disability requiring reasonable accommodation. Even when parents are involved in requesting services, it is primarily the student's responsibility to initiate the request.
2. A newly accepted or currently enrolled student whose learning disability requires reasonable accommodation may make a request for accommodation at any time. Because the arrangements for some accommodations take a significant amount of time, the student should make a request as early as possible.

3. To be considered as a student with a learning disability under the law, the individual is responsible to provide relevant written documentation that substantiates his or her claim.

Reservation of the Right to Modify

The programmatic and financial information herein are to be considered directive in character and not as an irrevocable contract between the student and the College. The College reserves the right to make changes that seem necessary or desirable, including course cancellations.

Catalog information is subject to change without notice.

Jamestown College, founded in 1883, is a non-sectarian, independent four-year college known for integrating the liberal arts and the professions in a Christian environment.

2013-2014 Academic Calendar

Semester I

August	21-23	Faculty Workshops
August	22-25	Freshman Orientation
August	26	Classes Begin
September	2	Labor Day—No Classes
October	18	End of Midterm, first 8-weeks
October	21	Fall Break—No Classes
October	22	Classes Resume
November	23-Dec 1	Thanksgiving Break
December	13	Last Day of Classes
December	16-19	Finals
December	19	Semester I Ends

Semester II

January	13	Semester II Begins
March	7	End of Midterm, first 8-weeks
March	8-16	Spring Break
March	17	Classes Resume
April	8	Assessment Day
April	18	Good Friday—No Classes
April	21	Easter Monday—No Classes
May	2	Last Day of Classes
May	5-8	Finals
May	10	Baccalaureate and Commencement

General Information

History and Heritage

In 1861 Dakota Territory was created by the Congress of the United States to include the present states of North Dakota, South Dakota, Montana, and the northern half of Wyoming. Homesteading began in 1868, and Texas cowmen moved longhorn cattle to great open-range spreads in that portion of the territory known as “Little Missouri Country.” By 1872 the Northern Pacific Railway had reached Jamestown.

In the part of the territory that is now western North Dakota, a French nobleman, the Marquis de Mores, ranched and built a meat packing plant; another Frenchman, Pierre Wibaux, started a ranching operation that was to become the largest in the United States; and a young man from New York, Theodore “Old Four Eyes” Roosevelt, began a career that was to take him to the White House.

Amid this excitement and growth, dedicated Presbyterian settlers met to discuss the founding of a college. The first liberal arts college in the area, Jamestown College was incorporated in 1883 and chartered in 1884 under sponsorship of the Presbyterian Church, which recognized its responsibility to “promote the progress of our divine religion and to maintain and improve Christian citizenship, believing that these objects cannot be attained without the proper education of our youth under Christian influences.”

The first classes at Jamestown College began in September of 1886, three years before North Dakota became a state. By the end of the College’s second year, eighty-two students were pursuing degrees under the tutelage of five professors.

Physical facilities were meager and circumstances difficult on the open prairie. The college hill had only one building and a barn for horses. Wood stoves furnished heat and oil lamps provided light.

The extremely cold winter of 1886 contributed to the onset of economic problems. After closing during the financial panic of 1893, the College was reopened in 1909 by the North Dakota Synod under the leadership of President Barend H. Kroeze. Dr. Kroeze was to set in motion forces that would allow the College to grow and prosper as it “encouraged the development of an educated Christian citizenship” and sought “to offer a liberal culture combined with moral training.”

The current 110 acres of wooded land the campus now occupies bears little resemblance to the bleak site upon which the founders stood and pondered the future of their own lives and that of a fledgling college. Today, Jamestown College overlooks a progressive city of sixteen thousand people which offers a variety of recreational facilities and warm hospitality. Modern facilities now grace “College Hill,” including the architectural prize-winning Raugust Library, which houses more than 150,000 items; Larson Lifetime Sports Center; Seibold and Prentice residence halls; Lyngstad Center, a modern classroom facility; the Reiland Fine Arts Center, with its exceptional concert/performance hall; the state-of-the-art Unruh and Sheldon Center for Business and Computer Science; the Ed and Elaine Nafus Student Center; the Foss Fitness Center; the newly remodeled Liechty Center-Taber Hall; and the new 21,350 square foot McKenna Thielsch Center. The College has also recently completed a 13,350 square foot building in Fargo to house the Doctor of Physical Therapy Program.

Only the College’s objectives have remained unchanged. These are reaffirmed in our goal of academic excellence in a Christian environment and in our determination to equip our students to face new problems and challenges in a changing world. Those

objectives are realized not only through a quality faculty and curriculum but also through outstanding facilities and co-curricular programs, such as athletics, choir, and drama.

We believe a Christian environment is crucial to the educational process. It provides discipline to the development and freedom of the mind and imparts a spiritual dimension of hope and grace. Jamestown College and the Presbyterian Church in the United States of America (PCUSA) have an historical relationship, and they maintain their relationship by a covenant agreement to support one another in their respective missions.

Our size and location in a small North Dakota community facilitates our mission to provide students with meaningful individual guidance and support by competent and concerned faculty. That is the essence of the quality liberal arts education.

The Mission of the College

Throughout its more than one hundred-year history, Jamestown College has consistently stood for academic excellence and Christian principles in all that it does. Catalogs published by the College from the very earliest years declare the commitment of this institution to the highest and best.

The current values and mission statement of the College are included below:

Mission Statement

We are a community dedicated to the development of wholeness in our students. We adhere to a curriculum of academic excellence which balances the ideals of the liberal arts tradition and sound professional preparation. Our Christian tradition encourages an atmosphere of self-discipline, responsibility, and concern for the continuing growth of the individual.

Foundational Values

As an institution of higher education in the Presbyterian tradition, we celebrate God through the use of our minds and the exercise of reason, believing that God is the source of all truth. “You shall love the Lord our God with all your heart, and with all your soul, and with all your mind” (Matthew 22:37).

Our Christian and Reformed tradition embraces the liberal arts and the ongoing search for knowledge and truth as a way of liberating the human spirit and of understanding the world we share with others. Jamestown College promotes education as a means to improve lives, search for vocation, and create lifelong seekers of truth and wisdom. We value the life of the mind and the life of the spirit and therefore hold that faith and reason reinforce each other and that through mind, heart, and hands one can honor God and serve humanity.

Historically, this strong belief that learning and the search for truth are closely connected to faith formed the basis for the Presbyterian Church’s early and significant commitment to higher education. As a result, prior to the Civil War, one-fourth of the colleges in the United States were Presbyterian. In 1883, when the Presbyterian Church extended its mission into the Dakota Territory’s frontier, Jamestown College was founded in a newly incorporated city ninety miles west of Fargo.

Jamestown College is a fully independent, self-governing institution that shares an historic relationship with the Presbyterian Church (USA). We are proudly non-sectarian and welcome students of all faiths and beliefs. Our Latin motto, “Lux et Veritas,” proclaims to all that the pursuit of truth lights our journey today as it has since 1883.

Accreditation, Approvals, Memberships, and Affiliations

Jamestown College is accredited by The Higher Learning Commission and is a member of the North Central Association.

The Higher Learning Commission
230 South LaSalle Street, Suite 7-500
Chicago, Illinois 60604-1411
Phone: 800.621.7440 / 312.263.0456
Fax: 312.263.7462
info@hlcommission.org
<http://www.ncahlc.org/>

Jamestown College has been continuously accredited since 1920. Its teacher education program is approved by the Education Standards & Practices Board of North Dakota; and its nursing program is accredited by the National League for Nursing and by the State Board of Nursing Education and Nursing Licensure. The programs of the Business Department and the Roland E. Meidinger Center for Business are accredited by the International Assembly for Collegiate Business Education (IACBE.)

The College also holds memberships in the Association of Presbyterian Colleges and Universities, the Council of Independent Colleges, and the National Association of Intercollegiate Athletics. The College also has a number of affiliation and consortium agreements with medical facilities that provide clinical experience for its students.

Admission, Costs, and Financial Aid

Admission

Jamestown College extends admission consideration to academically qualified students of good character and seriousness of purpose based on the following criteria: 1) high school and college academic records, 2) ACT or SAT scores, 3) personal factors such as extra-curricular involvement, character, and leadership, and 4) references.

A full range of opportunities at Jamestown College is available to all students who meet College admissions requirements without regard to race, color, age, religion, gender, national origin, disabilities, sexual orientation, or veteran status, in accordance with the law.

The College reserves the right to deny admission, continued enrollment, or re-enrollment to any applicant or student whose personal history and background indicate that his or her presence at the College would endanger the health, safety, welfare, or property of the members of the academic community or interfere with the orderly and effective performance of the College's functions.

Application Information

Each applicant must submit the following:

- A completed application form and a \$35 non-refundable application fee (if applicable).
- Official transcripts of all high school and previous college credits.
- Official scores of the American College Testing (ACT) Program or the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board.
- Academic Reference

The application form is available on the College web site, www.jc.edu. A campus visit is highly recommended and may be arranged by contacting the Admission Office.

Requirements for and Notification of Acceptance

Each application for admission is considered on an individual basis.

Each accepted student is required to pay an enrollment fee. On-campus students pay a \$200 enrollment fee (\$100 housing and \$100 matriculation), refundable through May 1. Off-campus students pay a \$100 enrollment fee, refundable through May 1.

Categories of Admission Status

Good Standing

Students whose records indicate good accomplishment and potential are admitted in good standing.

Special Admission

This classification includes the student carrying fewer than twelve semester credits who is not a candidate for a degree, the occasional student who has completed a baccalaureate degree, and the student whose program is limited to auditing courses.

Former Jamestown College Students

The files of all former Jamestown College students requesting readmittance to Jamestown College will be reviewed by the Vice President of Enrollment Management. Following review, the student will be notified of one of the following:

1. Admitted in good standing
2. Admitted conditionally
3. Denied admission

Transfer Students

Students transferring from other colleges or universities must follow the same procedure

Admission, Costs, and Financial Aid

as detailed under the previous heading “Application Information.” In addition, a transfer recommendation from the previous institution is required.

All courses accepted at Jamestown College for transfer credit toward the bachelor’s degree will be entered on the Jamestown College record and included in the computation of required averages for applicable scholarships or graduation honors.

Jamestown College will accept any course for credit that corresponds to programs of study offered at Jamestown College from institutions which meet the criteria listed below. Whether a course corresponds to a program of study at Jamestown College will be determined by the registrar in conversation with the relevant department chair.

1. The institution must be accredited by a Council for Higher Education Accreditation approved regional accrediting association of schools and colleges.
2. The institution must offer an Associate of Arts, Associate of Science, Bachelor of Arts or Bachelor of Science degree. Jamestown College will consider for credit only courses which satisfy the requirements for these degrees. Other courses will be evaluated according to our policies for courses from non-accredited institutions.

Only courses in which the student has earned a C- or better are eligible for transfer credit.

Courses graded only on a pass/fail basis will be transferred only if the student can provide documented evidence that he/she performed at a C- or better level in the course. Internships, credit for experiential learning, and advanced standing credit courses with a grade of Pass will be accepted for credit provided the courses meet all other transfer policies.

Jamestown College standards will be applied in determining the transferred courses and grades that will satisfy requirements. Credits transferred from a junior college are generally classified as freshman and sophomore credits. A maximum of sixty-four semester credits of junior college work will be accepted toward the baccalaureate degree (unlimited credits are accepted from four year institutions). Exceptions may be granted by petition to the Vice-President of Academic Affairs.

Jamestown College accepts credit from foreign institutions. The required official academic transcript should be translated into English. In the event that a transcript can not be translated into English, the chair of the foreign language department at Jamestown College will interpret the transcript or locate another faculty member who can interpret the transcript. If the transcript can not be interpreted by someone at Jamestown College, the transcript will be evaluated by World Education Services or a similar professional service. The fee for the service will be paid by the student.

Jamestown College will accept credit from a non-accredited institution on a course by course basis. Each course a student wants to transfer to Jamestown College from a non-accredited institution will be evaluated by the department chair of the corresponding department. The student will be required to provide a course description along with a course syllabus and other course materials as requested. If the department chair determines the course meets Jamestown College standards, and the student received a C- or better in the course, we will accept the course for transfer credit.

A student who has been suspended from the college in which he or she was most recently registered must be out of school for

Admission, Costs, and Financial Aid

at least one semester before being admitted on academic probation. In admitting transfer students, Jamestown College will apply any academic sanction applied to the student at the time of his or her transfer unless those standards are in conflict with Jamestown College requirements.

Veterans

Veterans who have earned college credit in one of the programs of the United States Armed Forces Institute should request a transcript to be sent to the registrar. Such credit may be accepted by Jamestown College in accordance with the College's general policy governing correspondence study.

One semester credit of physical education activity is granted for each six-month period of military service up to a maximum of four semester credits with the stipulation that such credit may not be used to satisfy requirements for a major or a minor in physical education.

International Student Policies

Jamestown College welcomes the cultural diversity international students bring to our liberal arts community. The majority of our students are from rural communities in the American Midwest, and Jamestown College believes that introducing students to other cultures is a valuable part of a liberal arts education. Students enroll from a number of foreign countries including Australia, Brazil, Columbia, Great Britian, Canada, France, Germany, Ireland, Korea, Mexico, and Spain.

International students wishing to enter Jamestown College must submit

- An application for admission
- Secondary and post-secondary (if applicable) transcripts, in English with a clear explanation of the grading system
- A TOEFL (minimum score 70 - Internet

version; 197 - computer version, or 525 - paper version)

- Proof of adequate financial resources
- A signed scholarship and financial aid award agreement (issued by Jamestown College)
- A \$200 enrollment fee

After the student has been admitted, an I-20 form will be completed and mailed to the applicant.

2013-2014 Annual Costs

Tuition and costs for new students during the 2013-2014 academic year are as follows:

Basic

Tuition	\$17,974
Fees	\$520
Room	\$2,754
Board	\$3,490
Total	\$24,738

Tuition (and other costs) are subject to revision by the College on an annual basis.

The charge for tuition includes payments for laboratory facilities, placement service, and access to the Larson Sports Center and Foss Wellness Center. Basic tuition does not cover items listed in Other Special Fees below.

Full-time students are admitted to all College athletic, cultural, and social events free of charge.

Room and Board

Board includes three meals each day, Monday through Friday, and two meals per day on Saturday and Sunday. Students residing in College housing are required to take their board on campus, with the exception of seniors who have the option of being on or off the board plan.

Students may choose between a 19 meal/week plan, a 14 meal/week plan with \$100 per semester credit at the Jimmie Java Hut, a 10 meal/week plan with \$200 per semester credit at the Jimmie Java Hut, or the block plan which is 125 meals per semester and \$175 per semester at the Jimmie Java Hut. Seniors are allowed to go off the board plan with a reduction in their institutional scholarship of \$500 per semester. These options must be chosen at the time room contracts are signed and changes may be made only at semester break.

Private Room/Additional Room Charges

A private room (if available) costs an additional \$600 per semester.

Summer Session

Summer courses are offered on a contract basis with individual professors. Tuition for the 2014 Summer Session is \$393 per semester credit. During the summer session, six credits is considered full-time and three credits is considered half-time for financial aid purposes, in general.

Books and other Estimated Costs

Costs for books will vary depending on the curriculum pursued, but may be estimated at an average of \$1,000 per academic year. Personal costs for clothing, transportation, and incidentals will vary.

Dates for Payment of Charges

If a student's financial aid has not been completed or arrangements have not been made with the Business Office before Sept. 30 and Feb. 15 of each school year, the student may not be allowed to participate in the campus food service program. Extra-

Admission, Costs, and Financial Aid

curricular eligibility could also be affected by failure to comply promptly with financial aid procedures.

Payment of student bills is due the day classes begin each semester. Bills not paid in full, with the exception of those on the installment tuition plan, will be charged interest at the rate of 1.5 percent per month.

One half of financial aid awarded to the student will generally be applied to each semester. The student will not be allowed to register for the next semester and credits will not be issued until the account is paid in full. The College reserves the right to withhold statements of honorable dismissal, credits, transcripts, and diplomas until all financial obligations have been met with the Business and Financial Aid Offices.

Other Special Fees

Part-time students (fewer than 12 semester credits) per semester credit	\$435.00
Customized Degree per semester credit (up to 6 credits)	\$310.00
Dual Credit for High School Students per semester credit (up to 6 credits)	\$220.00
Overload charges (more than 20 semester credits) per semester credit	\$350.00
Auditing (excludes full-time students) per semester credit	\$100.00
Clinical fee for second semester sophomore, junior and senior nursing students per 6 credit course	\$250.00
Integrated testing fee for junior and senior nursing students per semester	\$112.00
Student teaching fee per semester	\$350.00
Applied music lessons fee per semester credit	\$200.00

Miscellaneous Fees and Deposits

Admission Application (one-time charge)	\$ 35.00
Enrollment Fee (one-time charge)	\$200.00
Change of Course (first 10 days free)	\$ 5.00
Graduation Fee	\$100.00

Admission, Costs, and Financial Aid

Transcript

First copy	No charge
Second copy.....	\$ 5.00
Active Placement File sent out	\$ 3.00
Inactive Placement File sent out	\$ 4.00
Challenge Examination (per semester credit)	\$ 50.00

Financial Aid

Through an extensive program of scholarships, grants, work programs, and loans funded by federal, state, and institutional sources, Jamestown College is determined to ensure that no qualified student will be denied an education due to lack of adequate financial resources.

The majority of our full-time students participate in one or more of the financial aid programs available through the College. The admission and financial aid staff will work to prepare an individual package to fit the needs of each student. The Office of Financial Aid awards aid based on demonstrated need while most merit and talent based awards are determined by other departments such as admission, athletics, and fine arts.

Application Procedure

All students must complete the Free Application for Federal Student Aid (FAFSA) every year to be considered for need based aid. The FAFSA and renewal FAFSA can be completed online at www.FAFSA.ed.gov once the student and parent (if student is dependent) have federal student aid PINs. The PINs can be requested from www.pin.ed.gov. The Office of Financial Aid may require the FAFSA to be completed in other instances as well.

Scholarships and Grants

To qualify for the following scholarships or grants the student must be enrolled full-time. In general, academic scholarships are awarded based on the assumption that students will be living on campus and participating in the college board plan. Therefore, the award will be reduced should housing or board status change. Institutional scholarships and grants are renewable for four years unless otherwise stated.

Academic Scholarships

Jamestown College awards academic scholarships to incoming freshmen and transfer students to recognize scholastic achievement, proven leadership skills, and participation in community and church activities. Academic scholarships range from \$2,500 to \$10,000.

Scholarships

- Presidential
- Valedictorian
- Salutatorian
- Honor
- Trustees
- Success

Wilson Scholarship

Wilson Scholarships are the most prestigious awards given by Jamestown College to incoming freshmen. The award was established in memory of the late Dr. and Mrs. John L. Wilson. Up to four Wilson scholars are chosen each year to recognize

Admission, Costs, and Financial Aid

academic and leadership achievements. The scholars receive full tuition awards which are renewable for up to four years provided the student maintains a minimum 3.00 cumulative grade point average and resides on campus. (If a Wilson scholar chooses to reside off campus, the scholarship is reduced by fifty percent.) Wilson Scholarships do not cover summer sessions, room and board, books, fees or other miscellaneous charges.

Melvin R. Arnold Chemistry Scholarship

The Melvin R. Arnold Chemistry Scholarship was established in memory of Melvin R. Arnold to assist students majoring in chemistry. It is currently awarded in the amount of \$10,000 over four years. This scholarship is in addition to any other academic scholarships with the total scholarship awarded not to exceed full tuition. Up to five scholarships are awarded to freshmen each year.

Journey to Success Scholarship

The Jamestown College Journey prepares students for the future by looking inward, looking outward, looking beyond, and looking forward. The scholarship is renewable and ranges from \$500 to \$3500 determined by the quality of the application in combination with the total of other institutional awards. The award will be reduced by 50% should a student choose to live off campus.

Fine Arts Scholarship

Fine Arts scholarships are awarded to incoming students and renewed at the discretion of the art, music, and theatre departments. Auditions may be required.

Athletic Scholarship

Athletic scholarships are available for men and women participating in intercollegiate sports. The scholarships are awarded and renewed at each coach's discretion.

Children of Presbyterian Pastors Scholarship

Jamestown College awards \$500 per year to the children of Presbyterian pastors.

Sibling Scholarship

The Sibling Scholarship is awarded when two or more siblings are enrolled full-time at Jamestown College. Each sibling will receive \$1000 if living on campus or \$500 if living off campus.

Alumni Referral Scholarship

The Alumni Referral Scholarship is given to a student who is initially referred to Jamestown College by a Jamestown College alumnus. This \$500 scholarship is awarded in the student's first year only.

Federal Grants

Pell Grant

The Pell Grant is designed to provide financial assistance to meet educational costs on the basis of need as determined by the FAFSA. For the 2013-2014 academic year, grants range from \$605 to \$5,645 per year. The Department of Education updates the Pell Grant chart on an annual basis.

Federal Supplemental Educational Opportunity Grant (SEOG)

The Federal Supplemental Educational Opportunity Grant is awarded to students with exceptional need as determined by the FAFSA. Grants vary in amount from year to year.

Admission, Costs, and Financial Aid

North Dakota State Scholarships and Grants

Additional information for each of the following programs that are administered by the North Dakota University System can be found at www.ndus.edu/students/paying-for-college/grants-scholarships/

North Dakota Scholars

The North Dakota Scholars program, a merit-based scholarship, provides scholarships to new freshmen and encourages them to remain in North Dakota to obtain their post-secondary education. The scholarship at private institutions is equal to a full tuition scholarship at the University of North Dakota. The North Dakota Scholars Scholarship is renewable for up to three years provided the recipient maintains a cumulative 3.50 grade point average.

North Dakota State Grant

The North Dakota State Student Incentive Grant Program provides grants to North Dakota residents pursuing their undergraduate degree and who are attending a postsecondary institution in North Dakota. For full-time enrollment status, the grant for 2013-2014 is \$1,648 per year. To be considered for the grant, the student's completed FAFSA must be received by the Department of Education by April 15.

North Dakota State Indian Grant

The North Dakota Indian Scholarship program assists American Indian students in obtaining a college education by providing scholarships. This scholarship is based on scholastic ability and unmet financial need.

North Dakota Academic Scholarship and North Dakota Career and Technical Education Scholarship

Two academic scholarship opportunities are available for high school seniors. These scholarships were authorized to encourage and reward high school students for taking more challenging course work in preparation for college and to prepare them for entering the workforce. The amount of each scholarship is \$750 per semester based on full-time enrollment in an accredited North Dakota higher education institution. Full-time enrollment for these scholarships means enrollment in at least twelve credits during a student's first two semesters and enrollment in at least fifteen credits during the semester thereafter. The scholarships are renewable provided the student maintains a 2.75 grade point average. The student may be eligible for up to \$6,000 within six academic school years. The application deadline is June 7th.

Student Work Programs

Federal Work Study

Federal Work Study is a need based work program that offers part-time employment to students and is subsidized by the federal government. Positions are assigned to eligible freshmen, but thereafter students are expected to secure their own positions through appropriate supervisors. Work awards may be limited by funds available as well as by individual student need in combination with other financial aid awarded.

Jamestown College Work Program

A limited number of part-time positions are available to students who do not qualify for the Federal Work Study program.

Admission, Costs, and Financial Aid

Loan Programs

Loans allow students and parents to borrow money to meet educational costs at relatively low interest rates. In most cases, repayment is delayed until graduation or an enrollment status of less than six credits. Additional information regarding all loans below is available in the Financial Aid Office and on the college website.

Federal Direct Loans

Federal Direct Loans are available to all students who have completed the FAFSA and are otherwise eligible. Direct Loans are characterized as subsidized or unsubsidized based on the FAFSA in combination with other financial aid awarded to the student. The federal government pays the interest on a Subsidized Direct Loan during the student's enrollment whereas the student is responsible for paying interest on an Unsubsidized Direct Loan. At the borrower's choice, the interest on an Unsubsidized Direct Loan can either be paid during enrollment or can be capitalized. A borrower must complete Direct Loan Entrance Counseling prior to the disbursement of any loan proceeds. Entrance Counseling may be completed on-line.

Effective July 1, 2008, the maximum annual loan amounts for dependent students have been increased to the following:

Freshmen	\$5,500 (maximum of \$3,500 subsidized)
Sophomore	\$6,500 (maximum of \$4,500 subsidized)
Junior and Senior	\$7,500 (maximum of \$5,500 subsidized)

Repayment begins six months after the borrower is no longer enrolled at least half time. The annual interest rate is capped at 8.25 percent.

Federal Perkins Loan

The primary factors in determining eligibility for the Perkins Loan are financial need as reflected by FAFSA results and availability of funds. The maximum per borrower is \$5,500 per year.

A borrower must complete Perkins Loan Entrance Counseling prior to the disbursement of any loan proceeds. Entrance Counseling must be completed on-line.

Repayment and accrual of interest on new loans begin nine months after borrowers are no longer enrolled at least half-time. The annual interest rate is currently fixed at five percent. Minimum monthly payments are \$40. The maximum repayment period is ten years.

Cancellation and deferment provisions are available for certain types of employment, service, and other circumstances. Details are available in the Financial Aid Office and/or from the Jamestown College Loan Coordinator.

Federal Parent Loans for Undergraduate Students (PLUS)

Parents of dependent students may borrow funds through the PLUS program. Eligibility requirements include U.S. citizenship and an approved credit rating. Repayment generally begins sixty days after the second disbursement, but may be deferred upon request.

Alternative Loans

Jamestown College will certify any alternative education loan that a student requests (up to the student's cost of attendance).

Satisfactory Academic Progress

Satisfactory Academic Progress is language set forth in federal guidelines. It specifies the minimum academic progress

Admission, Costs, and Financial Aid

required for a student to continue to participate in federal and state financial aid programs. Jamestown College has adopted similar guidelines for institutionally funded programs.

Student progress is monitored by the Financial Aid Office at Jamestown College after every semester, including summer school.

To demonstrate Satisfactory Academic Progress for financial aid purposes, all students must comply with the following three components:

1. Qualitative: First time students must maintain a minimum cumulative grade point average (GPA) of 1.8 until the end of the second academic year, at which time, they must maintain a minimum GPA of 2.0 on a 4.0 scale.

Students transferring into Jamestown College will follow the same rules based on semesters spent elsewhere.

2. Pace or Quantitative: All grade levels must complete (with a 'D-' or higher) at least 67% of all attempted credits. This ensures that the student will complete the program of study within the maximum timeframe.

3. Maximum Timeframe or 150% Rule: The maximum timeframe for an undergraduate program is measured in credit hours and is a period that is no longer than 150 percent of the published length of the educational program. The usual number of credits required for graduation is 128 credit hours at Jamestown College. However, some programs may require extra semesters to complete the degree so will be reviewed on a case-by-case basis by the Financial Aid Officer and/or designated

committee. In general, a student becomes ineligible for federal, state and institutional aid when s/he reaches 192 attempted credits.

Monitoring Procedure

The first semester that a student fails to comply with satisfactory academic progress guidelines by either qualitative or pace calculation, a status of FINANCIAL AID WARNING is assigned. No appeal is required by the student. The otherwise eligible student will be entitled to financial aid for one additional semester. The student will be notified by letter and by email of such action.

Should a student fail to make progress after a semester on FINANCIAL AID WARNING but (1) has successfully appealed and (2) has been notified that aid has been reinstated, will be assigned the status of FINANCIAL AID PROBATION and an ACADEMIC PLAN is created for the student.

ACADEMIC PLANS will be created by the Financial Aid Office, in consultation with the Registrar, using a standard format and formula to determine how many semesters it would reasonably take any student to regain compliance both qualitatively and quantitatively. The student's advisor will be notified of the plan.

If the student's APPEAL is denied after any semester or if a student chooses not to appeal, the student is no longer eligible to receive financial aid until such time as compliance has been regained. Any charges that the student incurs during this period of SUSPENSION are the personal responsibility of the student.

Additional Information

- A detailed Satisfactory Academic Progress policy is available on the College website or in the Financial Aid Office.

Admission, Costs, and Financial Aid

- Only official forms will be accepted for appeals. All forms may be found on the College website and are also available in the Financial Aid Office.
- The Financial Aid Committee will strictly adhere to the stated deadline for appeal.

Attempted credits include all courses taken for which a student receives a grade or 'W'. Attempted credits also include those taken during terms in which the student receives no aid as well as repeated courses and credits transferred into Jamestown College from other institutions.

Repeated courses will be counted only once for the total number of credits completed. However, both sets of credits will be counted toward the 150% Rule. The highest grade will be used to determine GPA.

Incompletes must be finished in a timely manner as determined by the Registrar. Action with regard to Satisfactory Academic Progress will be held until the prescribed period has elapsed.

Return of Federal Title IV Aid and Institutional Refund/Repayment Policy

Jamestown College has adopted a policy for institutional refund/repayment that complies with the federal Return of Title IV Funds regulations.

A student is considered enrolled for attendance purposes until he/she has officially withdrawn from Jamestown College (see Official Withdrawal page 39) or until the end of the semester, whichever is first. The minimum amounts to be returned to Title IV programs are calculated according to federal guidelines.

Detailed information is provided to each student with his/her financial aid award letter every year and is available upon request in the Financial Aid Office as well as on the College website.

Consortium Agreement

The United States Department of Education requires that a written consortium agreement exists between two federally eligible institutions whereby a student desires to take courses at the student's non-degree granting institution. When a consortium agreement is deemed necessary, the financial aid administrators of the two institutions will sign an appropriate agreement. All transcripts for courses taken on a consortium agreement will be transferred to Jamestown College at face value.

Student Activities, Services, and Conduct

Student Activities

Jamestown College strives to offer a wide variety of opportunities for students to become engaged during this time in college. Events include dances, athletic events, convocations, concerts, clubs, and more. Among the major social events are New Student Orientation, Homecoming, Family Weekend, and Jimmie Jive Week.

Student Government

The Student Senate provides a formal platform for student opinion. This organization initiates student reform, promotes activities on campus, and nominates students to faculty committees. All students are encouraged to become involved with the Student Senate.

Student Media Center

Students interested in gaining experience in journalism, radio or television may participate in the Student Media Center. One semester credit per semester is allowed for approval within the Student Media Center.

Student Representatives on Committees

Student representatives on faculty committees participate actively in the selected functions of those committees. Students are invited to serve on a number of faculty and administrative committees.

Convocations

A convocation series gives students the opportunity to attend performances, lectures, and other programs of special interest.

College Chaplain

Throughout its history, Jamestown

College has provided for the spiritual as well as the academic growth of its students. A chaplain works with others in providing for spiritual needs on campus. The chaplain, student chaplains, and the Religious Life Committee plan activities that work toward the goal of helping students grow in their relationship with Jesus Christ.

Activities are planned by the chaplain and the Religious Life Committee to meet these five primary needs of the Christian community: worship, fellowship, nurture, service, and missions. Regular activities include a weekly chapel service, student ministry teams, student bible studies, retreats, service projects, and mission trips.

The chaplain is also available for personal counseling.

Athletics

The College holds memberships in the National Association of Intercollegiate Athletics for both men and women and in the North Star Athletic Association.

Varsity athletic teams compete in football, basketball, wrestling, indoor and outdoor track and field, baseball, cross country, volleyball, fast-pitch softball, golf, and soccer.

Music

Jamestown College students may participate in one of six performing ensembles: the Jamestown College Band, the Jamestown College Jazz Band, the Jamestown College Chamber Orchestra, the Jamestown College Choir, the Jamestown College Chapel Choir, and the Jamestown College Men's Chorus. Additional small ensembles, both instrumental and vocal, provide further opportunities for students to diversify their musical experiences. The Concert Choir tours regionally or nationally

Student Activities, Services, and Conduct

each year and frequently undertakes European tours. The Concert Band tours regionally and performs a wide variety of music, ranging from classical to jazz. The Music Department also offers a wide range of private lessons, including instrumental, vocal, piano, and organ.

Drama

The Theatre Department provides opportunities for students to participate in drama productions in the Reiland Fine Arts Center. Students from every academic major are cast in productions and have many chances to work on stage or backstage. No experience is necessary.

Campus Organizations

Campus social and cultural organizations offer students the opportunity to develop leadership skills and to meet new people. College-recognized organizations are formed based on student interest, skill, and the availability of a staff or faculty advisor. Some of the activities/organizations include:

Alpha Chi (Honor Society)

Alpha Mu Gamma

(Foreign Language Honor Society)

Ambassadors

Art Club

Athletes in Action (AIA)

Communication Club and Lambda Pi

Eta (Communication Honor Society)

Criminal Justice Club

Dura Lex Sed Lex (DLSL) (Law Academic Society)

ECOS (Environmentally Concerned Organization of Students)

Grace on Campus

Habitat for Humanity

Ignition (Christian Fellowship Club)

International Student Organization (ISO)

Intramural Sports

(flag football, basketball, volleyball)

Jimmie Janes (Women's Social Organization)

The Knight Society (Men's Social Organization)

Ministry Teams

National Association of Music Education (JC NAFME)

Nursing Students Association (NSA)

Phi Beta Lambda (PBL)

(business and technology)

Pi Lambda Theta (Education Honor Society)

Plain Song (literary magazine)

PRISM (LBGTAQ)

Psi Chi (Psychology Honor Society)

Roots (Christian Outreach Club)

Science Club

Sigma Theta Tau — Xi Kappa Chapter (Nursing Honor Society)

Student Activities Committee (SAC)

Student Media Center (The Collegian, Jamestown College's newspaper; student television station JCTV 16 and student radio station, KJKR)

Student North Dakota Education Association (SNDEA)

Student Psychology Association (SPA)

Student Senate

Students of Service (SOS)

Young Democrats

Student Services

Residence Halls

First and second year students are required to reside in college residence halls, with the exception of the following: students living with parents, married students, and students with children.

Residence Hall Contract

All students residing in the residence halls are required to sign a one-year contract. There is a \$100 penalty for returning students who cancel their room contract prior to June 1. Cancellations by returning students after June 1 result in a \$200 penalty. Cancellation of the housing contract after Aug. 1 will result in a \$300 cancellation fee. There is no penalty for juniors and seniors moving out of the residence hall at the end of fall semester if the housing office is notified by Dec. 1. Notification after Dec. 1 will result in a \$100 penalty and a \$200 penalty after Jan. 1.

Residence Hall Regulations

All new students receive a copy of the *Student Handbook* each fall. The *Student Handbook* is also available in the Office of Student Life or on the College web site. All residence hall regulations are based on an attempt to balance the concern for the individual with the concern for the community. Each residence hall is staffed by a resident director and assistant resident director who oversee general residence hall living and who work closely with the resident assistants to develop optimum living conditions for all residents.

Transcripts

Transcript requests must be submitted in writing at least one week prior to the date needed. Either a completed transcript request form or a letter bearing the student's

signature is acceptable. Federal law does not permit the College to honor requests for transcripts made by telephone or by relatives or friends of the student. A request for a transcript of credits by a student who is in debt to the College will not be honored until the debt has been paid. The first transcript issued is free of charge. Thereafter, a fee of \$5 per transcript is charged. The written request by the student, accompanied by a check or money order payable to Jamestown College, if applicable, should be sent to the Registrar's Office, Jamestown College, 6086 College Lane, Jamestown, ND 58405. Transcripts can be requested online through the National Student Clearinghouse for an additional \$2.25 per transcript. Each transcript includes the student's entire academic record to date. Partial transcripts are not issued. Jamestown College does not fax or e-mail official transcripts.

Food Service

All students under contract for college residence facilities (except seniors or those students in their fourth year on campus) must participate in the college food service board plan. The board plan is optional for seniors as long as the senior notifies the College at least two (2) weeks prior to the beginning of the semester that they will not be on a board plan. All students on the campus meal plan eat their meals in the dining room in Westminster Hall. The Jimmie Java Hut (a coffee shop and convenience store) is available in the student center.

Health Services

Two health service providers are located close to campus: Essentia Health and Sanford Health. The Jamestown Regional Medical Center and the Central Valley Health Unit are within a short driving distance. The College does not provide health insurance for students or health services on campus.

Student Activities, Services, and Conduct

Counseling Services

Counseling referral services exist for the purpose of helping students to develop their fullest potential and to explore any matters of concern. Typical concerns range from personal identity concerns and vocational planning to developing interpersonal skills. Students are assisted in making individual decisions and selecting appropriate counseling services so they are better prepared to cope. Students may seek assistance from the Dean of Students Office. Students with career counseling concerns should contact the Career Center Director. Students with spiritual concerns should contact the College chaplain.

We want your college years to be a positive experience. Jamestown College is pleased to be able to provide initial access to a professional counselor at no cost to the students. Appointments are free and confidential and can be scheduled ahead of time or on a drop-in basis based on availability. To schedule an appointment, call (701) 253-6334.

Students with spiritual concerns may contact our Chaplain in Voorhees Chapel. For career concerns contact Pat Rinde, Career Center Director, located in Raugust Library.

Students may obtain off-campus counseling assistance at the Human Service Center located in the community. A minimal fee is charged for the service.

Academic Advising

The academic advising program allows students to explore and develop educational plans appropriate to their life goals and aspirations. All incoming freshmen are registered in Journey 101. The course is designed to familiarize first-year students with Jamestown College and college life in general.

The course places particular emphasis on assisting students to “look inward” and to

evaluate their strengths in order to help them to form clear educational goals and a sense of vocation.

After the fall semester of the freshman year, students may declare a major and are then reassigned to a faculty advisor in their major area of interest. This is another opportunity for students to receive personal guidance as they progress in their educational plans. Advisors are available to assist in the planning of class schedules and the selection of concentrations within a department. This also enables students to develop an ongoing relationship with faculty members.

Learning and Academic Advising Center

The Learning and Academic Advising Center offers assistance to students who have not yet declared a major or who need further help in the development of suitable educational plans, the selection of appropriate classes, or the evaluation of academic progress. The Learning and Academic Advising Center strives to promote student development by helping students to identify and assess alternatives and consequences of their educational plans and decisions.

This center also provides students with the unique opportunity to receive peer tutoring free of charge. Peer tutors are available to assist students in most subject areas. Students experiencing academic difficulty may consult with the director of the center to develop a plan to help them achieve their academic goals. Consultation on advising concerns and assistance in reading skills, study skills, and time management are also available. The Learning and Academic Advising Center also provides accommodations for students with documented disabilities.

Student Activities, Services, and Conduct

Career Center

The Career Center includes two departments: Career Services and Experiential Education. The primary responsibilities of Career Services are to provide career planning and placement service to students and alumni. Experiential Education assists students in exploring and locating field experiences such as internships and cooperative education, job shadows, volunteer work, consulting projects, curricular and optional practical training for international students, and study abroad opportunities. Students and alumni may visit the center on a walk-in basis or by appointment. The staff includes a professional career counselor, Career Center assistant, and student peer counselors. The following services and information are available:

Career Planning

- Career advising, development, counseling, and testing
- Computer aided career assessment, *Focus on the Web*
- Career alumni network
- Career Insider
- Career library
- Career speakers and workshops
- Informational interviews
- Occupational files
- Market trends
- Graduate and professional school information
- Military career information
- Job vacancy lists (career, part-time, summer, internships)
- Employer contacts and files
- Job search assistance (resumé, cover letter, portfolio, interview skills)
- Mock interviews
- Salary information
- Job fairs

Experiential Education

- Internship and consulting project contacts and information
- Job shadows
- Internship fairs
- Volunteer fair
- Irish-American Scholar Program
- ISEP (International Student Exchange Program)
- JIMMIE-DC Program (Jamestown Internship Mentorship and Metropolitan Immersion Experience) in Washington, D.C.
- Curricular and optional practical training application materials for international students
- Study abroad presentations
- Career planning, job search, and experiential education classes

Web site

- Career Center web site with information on career planning, internships and jobs, testing, upcoming career-related events, and study abroad (www.jc.edu).

Testing

Exams for college credit offered through the College Level Examination Program (CLEP), are administered by appointment in Career Services. Testing bulletins for the GMAT, LSAT, Praxis (PPST), and TOEFL also may be obtained by contacting the Center. For more information call (701) 252-3467, ext. 5502, or visit the Career Services office, located in Raugust Library, rooms 114-115.

Student Conduct

Admission to Jamestown College constitutes agreement that applicants will abide by the rules and regulations of the College. Policies and programs are directed toward assisting students to develop a

Student Activities, Services, and Conduct

maturity that allows them to work and think as free individuals within a community. Specific College regulations may be found in the *Student Handbook*, which is distributed to each new student in the fall. Additional copies are available from the Student Affairs office or on the College's web site.

Smoking and Tobacco Use

Jamestown College strives to provide an atmosphere conducive to the physical and mental well-being of its employees, students and visitors. To support this atmosphere, Jamestown College is a Tobacco Free Campus. This policy applies to all employees, students, visitors, and contractors. The policy also applies to external individuals or companies renting space with Jamestown College and should be reflected in all agreements/contracts with such individuals or companies.

Alcohol

The use of alcohol on campus or at student College functions is prohibited. Under North Dakota law, alcoholic beverages are prohibited to anyone under twenty-one years of age. Procuring alcoholic beverages for a minor is a felony offense.

The College and the Law

The College upholds municipal, state, and federal laws and cooperates fully with all law enforcement agencies. Violation of public law may result in College disciplinary action.

As a part of the larger community, students accept full responsibility for their own actions under federal, state, and local laws. While affording reasonable aid to its members in difficulties with the law, the College provides no immunity from the consequence of illegal acts.

Academic Integrity Policy

At Jamestown College, we operate in an atmosphere of mutual trust between and among instructors and students. Sometimes this trust is violated through the intentional or accidental misrepresentation of facts, ideas, or data by members of the academic community. Such misrepresentations are violations of the Academic Integrity Policy. There are three main types of violations: **cheating, inappropriate collaboration, and plagiarism.**

Cheating involves the misrepresentation of knowledge or experience. For example, if students use unauthorized materials during an examination (for instance, by using crib sheets, looking at other students' exams, obtaining the questions in advance, and so on) they are falsely representing themselves as having recalled material or reasoned correctly, when, in fact, they did not. If students fake the data in a laboratory experiment, they are falsely suggesting that they acquired information in accordance with prescribed procedures.

Inappropriate collaboration involves presenting academic work as one's independent effort when it includes significant elements of the work of others. When important ideas or actual phrasings in an academic work belong to an unnamed colleague, misrepresentation has occurred. It is dishonest for one student to write some or all of another student's paper or presentation. It is equally wrong for one student to develop key ideas for a project that is represented as the work of another. Inappropriate collaboration is a violation for which both or all parties will be held accountable.

Plagiarism involves both theft and cheating. When someone appropriates, for use in formal course work, the wording, phrasing, or ideas of another, and either accidentally or intentionally fails to

Student Activities, Services, and Conduct

acknowledge the debt, it is considered theft. Plagiarism is also cheating in that one is creating a false impression about one's own intelligence, ability, and achievement. If students are unsure about what constitutes plagiarism, they should seek help from their instructors and refer to appropriate handbooks.

Disciplinary Process

It is the responsibility of every member of the Jamestown College community to maintain the integrity of the grading system; anyone with knowledge of violations of the Academic Integrity Policy must report this information to a faculty member, a member of the college staff or administration, or the Vice President/Dean of Academic Affairs.

All cases of academic dishonesty must be reported to the Vice President/Dean of Academic Affairs, who will maintain records on each student who has committed a violation of the policy.

Students who violate the Academic Integrity Policy of Jamestown College will be subject to disciplinary action.

A course instructor who suspects a violation of the Academic Integrity Policy should inform the student or student of his/her suspicion and present him/her with the evidence, allowing the student an opportunity for rebuttal.

Upon determination of a violation, the course instructor will decide the penalty to be imposed. Depending upon the severity of the infraction, this may involve a requirement to complete the assignment again, failing the student for the assignment, or failing the student for the course.

If a dispute arises between a course instructor and a student about whether a violation has been committed, it is referred to the Vice President/Dean of Academic

Affairs for resolution. If the Vice President/Dean of Academic Affairs determines that no question exists, the appeal process is terminated. If any question remains, the Dean may refer it to the Executive Committee of the Faculty Senate for a hearing. The decision of the Executive Committee of the Faculty Senate about the commission of an offense will be final in all such cases.

If a student involved in a violation of the Academic Integrity Policy is not enrolled in a particular instructor's course, as in a case of inappropriate collaboration, the instructor should inform the Vice President/Dean of Academic Affairs of the case for appropriate disciplinary action.

In the case of multiple violations of the Academic Integrity Policy by a student, the Vice President/Dean of Academic Affairs may impose additional sanctions, which may include academic warning, academic probation, academic suspension, or expulsion. If any question remains, the Dean may refer it to the Executive Committee of the faculty for a hearing. The decision of the Executive Committee of the faculty will be final in all such cases.

Facilities

Classroom and Residential Buildings

The Jamestown College campus offers a unique architectural blend of both old and new. Classrooms, laboratories, and other student services are provided in the Foss Wellness Center, Hansen Center, Larson Center, Liechty Center-Taber Hall, Lyngstad Center, the McKenna-Thielsch Center, Or lady Hall, Raugust Library, Reiland Fine Arts Center, Sorkness Center, the Unruh and Sheldon Center for Business and Computer Science, Voorhees Chapel, and Westminster Hall.

One of the earliest buildings on campus, Voorhees Chapel, is listed on the National Register of Historic Buildings. It is the site of weekly chapel services and various student recitals, and houses the religion and philosophy department. The McKenna Thielsch Center is the most recent campus addition (completed in 2013).

Westminster Hall provides dining facilities, a convenience store, a night club/recreation center, the Student Activities Office, and the Ed and Elaine Nafus Student Center. It is connected by an indoor link to the Lyngstad Center which houses the bookstore, the post office, classrooms, faculty offices, and a computer lab.

Residential housing for single students is provided in Kroeze Hall, Nierling Hall, Prentice Hall, Seibold Hall, Watson Hall, Wilson Hall, and the Liechty Apartment Complex. Nierling Hall also provides housing for married students.

Athletic Facilities

Athletic facilities include the Hansen Center, which houses the wrestling practice room, the football and volleyball locker rooms, a volleyball court and a basketball court; Taylor Stadium/Rollie Greeno Field, which has a football field and an eight-lane,

all-weather running track; the JC Soccer Field; and the Larson Lifetime Sports Center, which houses a swimming pool, weight room, a 160 meter running track, classrooms, and handball, racquetball, basketball courts, and a speed and acceleration training center. The Foss Wellness Center provides a contemporary setting for all students who want to work out on modern aerobic and weight equipment. The James River Family YMCA is also housed in Larson Center and offers a variety of fitness programs.

The indoor winter sports complex owned by the City of Jamestown is also open to Jamestown College students. Additional off-campus facilities include the Jamestown Civic Center, where home basketball games are played, Jack Brown Baseball Stadium, McElroy Park Softball Field, the community swimming pool, tennis courts, and the Municipal Golf Course, all located within walking distance of campus.

Raugust Library

Raugust Library, built in 1971, currently houses more than 150,000 items including books, periodicals, government documents, CDs, DVDs, and microforms. Computers and wireless access allow students to work in a comfortable setting with the best of both the print and online worlds. Special collections include the archives, the curriculum library (a collection of children's fiction, non-fiction, and textbooks), and a large collection of the works of Louis L'Amour in a dozen languages.

The library is a member of ODIN (Online Dakota Information Network) a network allowing access to all materials in Raugust Library along with eighty other North Dakota libraries. ODIN provides students with access to more than eighteen million items including 83,000 periodicals. Through this cooperative network, any

Facilities

materials located in North Dakota can usually be borrowed or copied for the student in less than a week or sent instantly through the Ariel Network.

Raugust Library also subscribes to Encyclopedia Britannica Online, WorldCat, which accesses the holdings of more than 60,000 libraries in 1121 countries, FirstSearch, and about fifty on-line bibliographic and full text databases, giving access to more than 22,000 on-line journals. Through Ebsco eBooks, students have access to more than 12,000 e-books on-line, and through OverDrive, students can download ebooks, audio books, and videos to their computers and Playaways. Raugust Library has a dedicated staff, ready and willing to help students with questions and research.

The Career Center, Media Center, and the Collegian offices are located in Raugust Library.

Curriculum, Honors, and Academic Regulations

Curriculum

Degree Options
Jamestown College offers the following degree options:

M.Ed. (see graduate bulletin for details)

BA only

- Accounting
- Business Administration
- Communication
- Computer Science
- Criminal Justice
- Elementary Education
- English
- Financial Planning and Wealth Management
- Fine Arts
- French
- German
- Health and Fitness Administration
- History
- Information Technology
- Liberal Arts in Business Studies
- Management Information Science
- Mass Communication
- Music
- Physical Education
- Political Science
- Religion-Philosophy
- Spanish
- All double majors that include one of the above
- All majors taken in conjunction with secondary education

BA or BS

- Biochemistry
- Biology
- Chemistry
- Clinical Laboratory Science
- Exercise Science
- Mathematics
- Psychology
- Radiologic Technology

BSN

- Nursing

Certificates

College requirements for the following certificates may be completed at Jamestown College:

Addiction Counseling Certificate

Certified Public Accountant

North Dakota Educators Professional Certificate

Registered Nurse

The choice between a BA or BS in majors where both are offered must be made in consultation with one's academic advisor and with reference to the appropriate departmental section of the catalog.

If a student completes the general education requirements for a BA in one major area and a BS in another major, the diploma will designate a BA.

Curriculum, Honors, and Academic Regulations

Areas of Study

Majors

- Accounting
- Biology
- Biochemistry
- Business Administration
- Chemistry
- Clinical Laboratory Science
- Communication
- Computer Science
- Criminal Justice
- Elementary Education
- English
- Exercise Science
- Financial Planning and Wealth Management
- Fine Arts - Music
- Fine Arts - Studio
- Fine Arts - Theatre
- French
- German
- Health and Fitness Administration
- History
- Information Technology
- Liberal Arts Business Studies
- Management Information Science
- Mathematics
- Mass Communication
- Music
- Nursing
- Physical Education
- Political Science
- Psychology
- Radiologic Technology
- Religion-Philosophy
- Spanish

Minors

- Accounting
- Art (Studio)
- Art History
- Biochemistry
- Biology
- Business Administration
- Character in Leadership
- Chemistry
- Christian Ministry
- Communication
- Computer Science
- Creative Writing
- Criminal Justice
- English
- French
- German
- History
- Hospitality & Tourism Management
- Information Technology
- International Studies
- Management
- Marketing
- Mathematics
- Mass Communication
- Music
- Philosophy
- Physical Education
- Political Science
- Psychology
- Religion
- Spanish
- Theatre

Concentrations*

- Accounting
- Addiction Counseling
- Business Communication
- Coaching
- Creative Writing
- Cross-Cultural Communication
- Early Childhood Education
- Financial Planning
- Global Business
- Hospitality & Tourism Management
- Human Resource
- Information Technology Management
- Marketing
- Music
- Organizational Communication
- Special Needs Education
- Studio Art
- Theatre
- Writing

*Concentrations must be taken with corresponding majors.

Courses required for majors and minors must carry a minimum grade of C-.

Curriculum, Honors, and Academic Regulations

Individually-Designed Majors and Minors

For those students whose career or academic goals are not best served by a traditional major or minor offered at Jamestown College, it is possible to design a major or minor that spans several academic disciplines. Information on individually-designed major or minor application procedures may be obtained from the director of the individually-designed majors/minors program.

Pre-Professional and Certification Programs

Pre-professional or certification programs are available in addiction counseling, chiropractic, coaching credentials, dentistry, engineering, exercise science, law, medicine, occupational therapy, optometry, osteopathy, pharmacy, physical therapy, podiatry, theology, and veterinary medicine.

Registration

Each student must enroll in all courses for which credit or audit recognition is desired and must assume the responsibility for being properly registered.

Cancellation of registration after July 1 will result in a \$50 cancellation fee for non-residence hall students (off campus). No registration is permitted after the first ten calendar days of a semester without the permission of the vice president for Academic Affairs.

Journey 101

Journey 101 is a one-credit course designed especially for first-year students to help them make a successful adjustment to college and to provide time for personal reflection and planning for their educational journey.

Students in Journey 101 are given opportunity to “look inward” in order to discover and confirm their own talents, strengths, and goals, and to develop their

sense of vocation. Students will explore their personal strengths through StrengthsQuest, the nationally recognized strengths inventory, as well as navigate FOCUS, an online career research tool. Journey 101 classes are designed to encourage class discussion and participation.

Through class activities and assignments, students in Journey 101 will also become acquainted with the many opportunities at Jamestown College. They will attend a city-wide block party, become prepared to use the equipment at the Foss Wellness Center, review research skills in the Raugust Library, participate in the annual leadership conference, and even attend a chapel service together in the historic Voorhees Chapel.

Summer Sessions

Jamestown College has a summer school program that includes classroom courses, directed and independent studies, and online courses. Information is available from the registrar.

Credit by Examination

Programs for credit by examination include the following:

Advanced Placement Tests of College Entrance Examination Board (CEEB):

These tests are accepted to satisfy Jamestown College’s equivalent course requirements. A grade of three (3) or higher is required for gaining credit on the basis of these examinations. Students who have completed the English Literature and Composition AP test with a grade of three (3) or higher will be placed in English 102 on the basis of the test.

Challenge Program: The Challenge Program is designed to free the well-prepared student from taking courses in which he or she has already gained competence. The vice president/dean of academic affairs and department chair shall determine the availability of challenge examinations for courses.

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A student wishing to challenge a course shall make arrangements through, and seek advice of, the relevant department. Credit is granted for courses successfully challenged at C- level or better. A grade of P is assigned that does not affect the student's grade point average. A non-refundable fee will be assessed for each challenge (*see Costs: Miscellaneous Fees*). A student may not challenge a course that he or she has already taken for credit, nor may the same course be challenged more than once. Challenge application forms are available in the Registrar's Office.

CLEP (College Level Examination Program): Students may earn credit by CLEP examination at Jamestown College. General examinations and subject examinations are administered on campus by appointment. Inquiries should be directed to the Career Center Director.

Students may not repeat by CLEP exam a course previously taken unless this is specifically approved by the department chair in that discipline. For more CLEP information go to www.collegeboard.com/CLEP

Directed/Independent Studies

Directed and independent studies are non-classroom programs of study, arranged for and undertaken by a student under the supervision of a faculty member and at the discretion of that faculty member. Such studies must be judged to be of substantial weight, equal to or exceeding the merit, time, and attention given to a classroom course of equivalent credit. The purpose of these studies is to allow a student to do research beyond what is offered in the normal curriculum or to assist a student in resolving a serious scheduling conflict outside of his/her control that cannot be resolved by other means. Directed and independent studies are subject to the following requirements:

1. Contact hours: A directed study must have scheduled faculty-student contact

hours equal to at least one third of the contact hours of a classroom course of equivalent credit. Contact hours for an independent study are at the instructing faculty member's discretion.

2. GPA: A student taking a directed study must have a GPA of at least 2.75. A student taking an independent study must have a GPA of at least 3.5.
3. Class standing: Students taking directed or independent studies must have completed at least twenty-four college semester credits.
4. A student who has received a D or F in a course may not take a directed or independent study in order to replace the grade for that course.

International Study

For many years, Jamestown College students have pursued academic programs at approved foreign universities during the summer terms, semesters, or during entire years. The courses are selected by the student with the College's approval and resulting credits are accepted toward a degree and major requirements.

Jamestown College is a member of the International Student Exchange Program (ISEP), one of the largest student exchange organization in the world. Students attending an ISEP member institution have access to more than 150 study sites in Africa, Asia, Canada, Europe, Latin America, Middle East, Oceania, South Pacific, and the United Kingdom for a full academic year, a semester, or a summer program.

The ISEP program provides the opportunity to become immersed in a foreign culture, earn credit towards a degree at Jamestown College, make friends in a host country, and meet students from all over the world. Students involved in the ISEP program pay the same tuition, room and board costs that they would pay at Jamestown College.

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Federal and most other forms of financial aid can be applied toward participation in ISEP.

The Irish-American Scholar Program, open to all majors, provides semester and full academic year options for study in Northern Ireland. www.presbyteriancolleges.org/irishamericanscholars.htm

Contact the Career Center Director in Raugust Library and see www.isep.org for more information on the ISEP program.

Experiential Education

Experiential Education includes field experience such as internships and cooperative education, job shadows, volunteer work, consulting projects, and practicums.

Experiential Education is campus-wide in scope and available to all students regardless of major. Interns are placed with a site supervisor willing to provide training and supervision. Interns receive valuable on-the-job training while earning college credit, and in some cases are also paid. Work assignments must be relevant to the student's major program of study and relate to the student's educational and professional goals. Students may participate in the program in the fall or spring semesters or during the summer months which would enable them to work full-time at the site.

Students have access to local, regional, national, and international contacts for internship opportunities through resources in Career Services and the Experiential Education Office, and on the Career Center web site: www.jc.edu.

The Career Alumni Network, alumni and friends of JC, provides contacts for job shadows and information regarding interviews.

International students seeking curricular and optional practical training should consult the Career Center Director.

For more Career information, contact the Career Center Director located in Raugust Library.

Career Education

The following one-credit courses, offered by the Career Center are designed to help students develop sound career planning and job search skills:

EE 100-1 Intro to Experiential Education

Introduces students to job shadows and observations, internships, consulting projects, study/intern abroad, and volunteer/community service projects. Students participate in community service projects of their choice. *Fall and spring*

CE 101-1 Career Decision Making

An overview of the world of work, career exploration, and career testing. Appropriate for students who are deciding on or exploring career choices for their major. *Spring*

EE 300-1 Internship Preparation

Students learn about internships, locate sites, prepare application materials, develop interview skills, and visit with current/past interns. A non-credit internship preparation seminar/self-study is also available. *Fall and spring*

EE 350 Internship

Provides a pre-professional practical learning experience in an appropriate work environment that will benefit the student and the organization. The course is structured to integrate classroom and work site learning experiences relevant to the student's educational and career objectives. One to eight credits. *Fall, spring, and summer*

CE 401-1 Job Search Skills

This course will give a broad overview of activities involved in an effective job search. Seniors only. *Fall and spring*

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EE 450 Consulting

Students apply the theoretical foundations of their studies to a practical situation. Student teams assist businesses and organizations in areas designated by the project contact. The student consulting team is usually assigned to each project for eight to sixteen weeks and receives two to four credits. *Fall, spring, and summer*

Honors

The Dean's List of Outstanding Scholars

The dean's list of outstanding scholars includes all full-time students who at the end of any given semester earn a grade point average of 3.50 or better with a minimum of twelve semester credits, exclusive of "Pass" credits.

College Fellows

A limited number of outstanding junior and senior students are selected each year by the faculty for the distinction of College Fellow. Recipients are to be of exemplary character and must possess an overall cumulative grade point average of 3.3 or better as well as a grade point average of 3.50 or better in their majors. Fellows may tutor or teach under the direction of their department chair(s) and hold rank just below that of college instructor.

Distinction in Degrees

Scholastic excellence is recognized with diploma designations as follows:

Latin Honor	Minimum GPA
Summa Cum Laude	3.90
Magna Cum Laude	3.70
Cum Laude	3.50

The honors-level grade point average must be maintained on both Jamestown College credits attempted and the cumulative grade point average, including all transfer credits.

Honors Program

The student honors program at Jamestown College offers gifted seniors the opportunity to explore a particular topic in-depth under the guidance of a faculty supervisor. Those students whose cumulative grade point average is 3.6 or better may apply for admission to the honors program during the second semester of their junior year. Honors project proposals must be submitted no later than the end of the first full week in April.

All proposals, which constitute application for admission to the Honors Program, are subject to the approval of the Honors Committee. Once admitted, students commit themselves to work on their Honors Program projects throughout the senior year. Students must register for the honors project with the department chair, using the course number 499-Honors Program. Successful completion of an honors project will involve the production of a substantial research paper and its oral defense. Recognition of a completed Honors Program project will be given by the College on the student's official transcript and at commencement. Students whose final products are of "A" quality will receive six hours of credit and will graduate with departmental honors noted on their transcripts.

In other cases, students whose final projects are B quality will receive six hours of credit for directed study, but no honors. Students whose work at the end of Semester I shows little promise of completion at the B level or better will receive an appropriate grade for directed study but will not be allowed to proceed with the honors study.

Work in the Honors Program will be above and beyond the requirements for the student's major(s) and typically will be confined to topics within the major, although exceptionally gifted students may be permitted to do interdisciplinary work. The honors

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program is under the administration of the Honors Committee, which includes faculty members drawn from various divisions of the College. Interested students should contact their advisors or the academic dean for further information regarding the program.

Honor Societies

Students who qualify may join honor societies that have chapters at Jamestown College. Current honor societies are Alpha Chi (academic), Alpha Mu Gamma (foreign language), Lambda Pi Eta (communication) Phi Lambda Theta (education), Psi Chi (psychology), and Sigma Theta Tau (nursing).

Academic Regulations

Attendance

The participation of students in all regularly scheduled classes is considered an important part of the academic procedure. It is assumed that students will conscientiously fulfill this responsibility when classes are scheduled and will contribute to class activities. An instructor may consider irregular attendance in his/her evaluation of students' educational achievement. Students are responsible for ascertaining attendance requirements for each course in which they are enrolled.

Specific policies related to excused and unexcused absences can be found in the *Student Handbook*. Additional copies of this may be obtained by contacting the director of student housing.

Grades

Tentative grades are reported at midterm to assist students in gauging their effort for the remainder of the term.

At the completion of each course the student is given a grade: A+, A, A-, B+, B, B-, C+, C, C-, D+, D, D-, or P for passing work; I for incomplete work; and F for failure.

The grade "incomplete" is given only at the end of a semester in which the student for justifiable reasons in the opinion of the professor is unable to complete the course. If an incomplete course is not completed within four weeks of the next resident semester after the grade was given, or if an incomplete course is not completed within one semester by a student not in residence, the grade will be that which the professor submitted based on the assumption that the student received failing grades or zero points for all uncompleted work. Exceptions to this rule will be made only when there exist reasons clearly beyond the control of the student, and the student, with the professor's approval, has petitioned the office of vice president/dean of academic affairs for an extension of time. The vice president/dean of academic affairs may grant an extension of time or a replacement of the incomplete with a W (Withdrawn).

Pass-Fail Option

Twelve *elective* credits may be taken on a pass-fail basis. Courses taken on a pass-fail basis cannot be courses that contribute to major, minor, or general education requirements. No more than one class may be taken on this basis during any given term. No more than twelve semester credits of pass-fail work may be counted toward the satisfaction of graduation requirements (student teaching and internships excepted). Students taking a course on a pass-fail basis must attend all classes, take all examinations and possess all prerequisites required of students enrolling on a letter grade basis. Performance of A+, A, A-, B+, B, B-, C+, C, C-, D+, D, D- caliber will be awarded a grade of "Pass," which does not affect the grade point average. Grades of F are included in the computation of the grade point average.

Students may elect (or reverse) the pass-fail option until two weeks after mid-term for semester-long courses, and until the fifth week of an eight-week course.

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Grading of Experiential Education and Internships: All experiential education and internship credits will be graded Pass/Fail. If participation is not a requirement for a major or minor, it will contribute to the twelve-credit maximum for Pass/Fail. If participation is a requirement of a major or minor, it will be exempt from the twelve-credit limit (for example, student teaching.)

Auditing

Students must register for all classes they wish to audit. No credit is given for a class that is audited. Students must observe normal attendance requirements; however, they are not required to take tests or submit term papers. Students have until two weeks after mid-term for semester-long classes and until the fifth week for an eight-week course to elect to take the course for audit.

Adding or Dropping Classes

Students may drop and/or add classes within the first ten days of the semester without receiving a grade, charge, or a “W” on their transcript. The class schedule that is in place after the ten-day drop/add period will be the class schedule charged out by the Business Office. No tuition refunds, other than government-mandated ones, will be paid after that date. Classes that run only eight weeks have a five day rather than a ten day drop/add deadline. A \$5 fee is charged for a change made after these deadlines. Classes added beyond these deadlines require approval of the vice president/dean of academic affairs of the College.

Students may withdraw from classes without receiving a grade until two weeks after mid-term or until the end of the fifth week for classes that run eight weeks; however, there will be a \$5 fee and a “W” will appear on the transcript. After this period a student may not withdraw from a course unless there exist reasons clearly beyond the control of the student, and the

student has petitioned the office of the vice president/dean for academic affairs for approval to withdraw.

Students who do not withdraw by the deadline will receive a grade for the course in accordance with their performance in the course. Students who stop attending a class without officially dropping will receive a failing (F) grade.

Grade Point Average (GPA)

The Jamestown College grade point average (GPA) is used to determine academic standing. The GPA is computed by dividing total grade points earned by the total number of semester credits attempted in which the student received a grade of A+, A, A-, B+, B, B-, C+, C, C-, D+, D, D-, or F. (Exception: If a course is repeated, only the higher grade is included in the GPA calculation; however, the lower grade remains on the transcript as well.) Grade points awarded per semester credit are the following:

A+ = 4, A = 4, A- = 3.67, B+ = 3.33, B = 3, B- = 2.67, C+ = 2.33, C = 2, C- = 1.67, D+ = 1.33, D = 1, D- = .67, and F = 0.

Grades of P, W, and I (Incomplete) do not affect the grade point average.

Two grade point averages are maintained for each transfer student – the Jamestown College GPA and an overall GPA that includes transfer credit. A minimum overall GPA of 2.00 must be maintained for graduation. The overall GPA is also used in determining eligibility for scholarships and for all academic honors (other criteria beyond GPA may exist in some cases.)

Classification of Students

Official classification of students is determined by the registrar as follows:

Freshman: fewer than thirty-two semester credits

Sophomore: a minimum of thirty-two semester credits and a maximum of sixty-three semester credits

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Junior: a minimum of sixty-four semester credits and a maximum of ninety-five semester credits

Senior: a minimum of ninety-six semester credits

Academic Course Load

Students registered for twelve or more semester credits during a given semester are classified as full-time students. Students expecting to complete their degree program in four years must successfully complete an average of thirty-two semester credits per year. Students granted permission by the vice president/dean of academic affairs to carry an overload in excess of twenty semester credits will be assessed a fee.

Official Withdrawal from College

A student who must withdraw from college should obtain an “Official Withdrawal” form from the registrar. This form must be completed for official withdrawal from the College. An unofficial withdrawal results in failure in all courses.

Adequate Progress Toward a Degree

The GPA levels defined as “adequate progress toward a degree” are as follows:

	Minimum GPA
First three semesters of undergraduate education	1.80
All others	2.00

Academic Warning

A student is placed on academic warning when his/her semester GPA drops below the level defined above as “adequate progress.” The student will be removed from academic warning status whenever his/her semester and cumulative GPA return to the level required for adequate progress. Academic warning

notifies a student that he/she has a GPA that might impede his/her ability to meet graduation requirements. Academic warning status does not restrict course load, eligibility for intercollegiate athletics, or the right to hold student office. It does specifically render the student ineligible for directed/independent studies.

Academic Probation

A student is placed on academic probation when one or both of the following occurs:

- the student’s semester GPA drops below 1.50.
- the student has been on academic warning status for one semester and has failed in the following semester to raise his/her semester GPA to the level required for adequate progress.

A student will be removed from academic probation when his/her semester GPA return to the level required for adequate progress.

Academic scholarships are reduced by ten percent during the semester in which a student is placed on academic warning or probation. The reduction is not cumulative and the original scholarship is reinstated when the student returns to good academic standing per the Vice President for Academic Affairs.

While on probation, the student is ineligible for intercollegiate athletics, and the course load is restricted — unless otherwise stated — to thirteen semester credits. In addition, the student on probation is ineligible for directed/independent studies and may be required to accept academic counseling.

Academic Suspension

A student is placed on academic suspension after he/she has been on academic probation for one semester and has failed in the following semester to raise his/her semester and cumulative GPA to the level required for adequate progress. The college,

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however, reserves the right to suspend a student without a prior semester on academic probation.

Academic probation may be continued in lieu of suspension if the Jamestown College cumulative grade point average improves but is below that required for good standing, providing the semester average is at or above adequate progress level.

A student who has been suspended may request re-admittance to Jamestown College after one semester. His or her status will be reviewed by the vice president/dean for academic affairs and the vice president for student affairs. The student will be notified whether he or she will be re-admitted on academic probation or denied admission.

Incompletes

Incompletes must be finished within four weeks of the beginning of the next semester. No final action will be taken until the four-week period has elapsed.

Exceptions to Academic Regulations

Academic regulations exist in order to ensure integrity and fairness in the academic programs of the College. Therefore, exceptions to academic regulations will be granted only when there are extenuating circumstances beyond the student's control that justify special consideration. If a student believes that such circumstances exist, he or she may petition for an exception to an academic regulation. The petition process is outlined below:

1. The student obtains a petition form from the Registrar's Office.
2. The student fills out the petition, stating clearly the reasons for the request and providing any supporting evidence.
3. The student signs the petition and returns it to the Registrar's Office. The registrar then passes the petition to the academic dean. Upon the student's request, the

registrar will also make an appointment for the student to speak with the dean concerning the petition.

4. The academic dean considers the petition, and if he/she deems it necessary, consults with the Curricular Council.
5. The dean approves or denies the petition and returns the petition with an explanation to the registrar who informs the student of the decision.

Eligibility

Student organization offices are restricted to full-time students who are not on academic probation.

Athletic eligibility is granted only to students who are not on academic probation and who meet the standards of the Dakota Athletic Conference.

Student Papers

Faculty may dispose of papers, projects, quizzes, exams, or other materials that remain unclaimed or unexamined by the student on the last day of classes of the next semester (excluding summer semester.)

Transfer Courses

All students enrolled at Jamestown College who wish to complete courses at other academic institutions and to transfer those courses for credit to Jamestown College must have those courses pre-approved through the registrar's office. Whether a course corresponds in content and quality to a Jamestown College course will be determined by the registrar in conversation with the relevant department chair and the Vice President for Academic Affairs. A minimal expectation is that the course in question comes from an institution that is accredited by a CHEA approved regional accrediting association of schools and colleges that offers either associate or bachelor degrees.

Requirements for the Degree

A minimum of 128 semester credits must be earned. At least forty-eight credits must be upper-division (300-400) level. A maximum of sixty-four semester credits will be accepted from a junior college. The credits must include the following:

General Education Requirements

The general education requirements at Jamestown College represent the faculty's best judgment regarding the knowledge and skills that any college-educated person should have. The fields of learning that comprise these requirements consist of the following, each of which has general learning goals:

1. Moral and Civic Education

- a. enhancement of the ability to make well-reasoned decisions in the domains of both professional and personal ethics
- b. understanding and appreciation of the American democratic political system and free-market economic system as well as their alternatives
- c. knowledge and appreciation of other cultures through foreign language studies and/or foreign culture, global, and international studies courses

2. Communication Skills

- a. the ability to communicate through writing and speech at a level expected of college-educated persons in the professions and the callings of life
- b. the ability to meet the communication expectations of graduate and professional schools and twenty-first century careers

3. Cultural and Social Heritage

- a. knowledge and appreciation of the broad range of received subject matter and lasting works of proven value as well as major currents of contemporary thought in the humanities
- b. understanding and appreciation of the methodology and modes of thought and

inquiry associated with the academic disciplines that comprise the social sciences

- c. understanding of the Christian tradition, openness to the questions that religion raises, and responsiveness to the answers that religion provides
- d. recognition and appreciation of the utility of humanities and the social science for exploring the deep questions of human nature, the human condition, and human potential
- e. commitment to freedom of inquiry in pursuit of truth wherever it may lead

4. Natural Science and Quantitative Reasoning

- a. understanding and appreciation of the methodology, modes of thought, and unfettered free inquiry associated with the academic disciplines that comprise the natural sciences
- b. acquisition and use of the skills associated with computer literacy as currently defined and evolving
- c. competency in the skills, techniques, and methods of mathematics as well as comprehension and application of its uses in other fields

5. Physical Education

- a. understanding and appreciation of physical activity and its value in developing and maintaining good physical and mental health
- b. development of basic skills that will encourage continued involvement and lifetime habits and practices of fitness and wellness

Requirements for the Degree

General Education Curriculum (Bachelor of Arts)

Moral and Civic Education:	B.A. credits
Journey 101	1
Ethics	3
Economics ¹	2
American Government or American History ²	3
Global Perspectives ³	6
Communication Skills	
English Composition I & II (grade must be a C- or better)	6
Oral communication (speech, oral interpretation, debate)	3
Cultural and Social Heritage	
Religion	3
Literature	3
History	3
Music, Art, Theatre	3
Psychology, Sociology, Political Science, Economics ¹ , Comm 112, (no more than 3 hours from one discipline)	6
Natural Science & Quantitative Reasoning	
Science, Nature, and the Cosmos (no lab) ⁴	3
Natural Science (with lab)	4
Computer	3
Math	3
Physical Education	
Fitness and Wellness/ Physical Activity Course	1
	56

General Education Curriculum (Bachelor of Science)

Moral and Civic Education:	B.S. credits
Journey 101	1
Ethics	3
American Government or American History ²	3
Global Perspectives ³	6
Communication Skills	
English Composition I & II (grade must be a C- or better)	6
Oral communication (speech, oral interpretation, debate)	3
Cultural and Social Heritage	
Religion	3
Literature, Music, Art, Theatre	3
Psychology, Sociology, Political Science, Economics, Comm 112	2-3
Natural Science & Quantitative Reasoning	
Natural Science (with lab)	8
Computer	3
Math	5
Physical Education	
Fitness and Wellness/ Physical Activity Course	1
	47-48

¹ A single course in economics will NOT fulfill both the Moral and Civic Education and the Cultural and Social Heritage requirements.

² THESE COURSES ARE LISTED ON PAGE 44.

³ The six credits may be satisfied in one of two ways: a) Students with at least two years of high school study of the same foreign language with grades of C or better may select six hours from the "Global Perspective" courses listed in page 42. b) Students without such high school foreign language experience MUST take six credits of one foreign language.

⁴ A lecture course surveying the late twentieth century and early twenty-first century scientific discoveries and issues likely to be increasingly central to our way of life. An additional four-credit science class with lab course may be substituted for Cosmos.

Requirements for the Degree

General Education Requirements (Bachelor of Science in Nursing)

Refer to *Courses that Apply to Selected Requirements* in next section:

Moral and Civic Education B.S.N. Credits

Journey 101	1
Ethics	3
Economics	2
American History or American Gov't	3
Global Perspectives (see list below)	3

Communication Skills

English Composition I & II (grade must be C- or better)	6
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Cultural and Social Heritage

Religion	3
Literature	3
Music, Art, Theatre	3

Psychology, Sociology, Political Science, Economics ¹ , Comm 112, (no more than 3 hours from one discipline)	6
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Natural Science & Quantitative Reasoning

Natural Science	8
Computer	3
Math	3

Physical Education

Fitness and Wellness/ Physical Activity Course	1
	48

Courses which Apply to Selected Requirements

American Government

Pols 104	American National Government
Pols 209	The Presidency
Pols 210	Congress
Pols 314	US Constitutional Law
Pols 342	American Foreign Policy

American History

Hist 207	The United States to 1865
Hist 208	The United States Since 1865
Hist 231	The American West
Hist 303	Civil War and Reconstruction
Hist 391	American Economic History
Hist 428	Seminar: Early American History

Global Perspectives

Any Foreign language course	
Special topics and other courses approved by the Academic Council	
Art 210	Art History I
Art 211	Art History II
Busn 420	International Managerial Decisions
Busn 421	International Financial Decisions
Busn 493	Field Study in Emerging Economies:
Econ 493	Window on China
Busn 494	Field Study in Global Economies:
Econ 494	Window on the European Union
Comm 305	Cross-Cultural Communication
Econ 303	Comparative Economic Systems
Econ 314	History of Economic Thought
Econ 354	Global Competition and Strategy
Econ 364	International Economics
Econ 464	International Political Economy
Engl 210	Classics in Western Literature
Engl 230	English Literature to 1785
Engl 231	English Literature Since 1785
Engl 305	Studies in the British Novel
Engl 320	British Romanticism
Engl 330	Victorian England
Engl 331	Shakespeare
Engl 391	Russian Stories and Novellas
Hist 202	Europe: 1900 to Mid-century
Hist 203	European Intellectual History I
Hist 204	European Intellectual History II
Hist 222	History of the Middle East
Hist 262	History of China
Hist 271	Modern Japan
Hist 291	Western Civilization I
Hist 292	Western Civilization II
Hist 304	Medieval Europe
Hist 305	Ancient Near East
Hist 306	Renaissance and Reformation
Hist 307	Ancient Greece
Hist 308	Ancient Rome
Hist 328	Modern Russia
Mus 239	Music History I: Survey of Music History
Mus 240	Music History II: Baroque, Pre-Classical, and Classical
Pols 223	Politics of the Indian Subcontinent
Pols 225	Comparative European Governments
Pols 331	Soviet and Post-Soviet Politics
Rel 305	Ancient Near East
Rel 371	World Religions
Soc 320	Comparative Cultures

Requirements for the Degree

Major – Minor Policy

Below is a list of majors and minors at Jamestown College, grouped into Fields of Study. A student who selects a major in any Field of Study may only choose a minor that is in the same Field of Study if at least nine credits are unique to the minor. A student cannot have the exact same major and minor; nor can a student have the exact same major concentration and minor.

Fields of Study

Accounting

Biology, Clinical Laboratory Science, Science Composite Education

Business Administration, Financial Planning and Wealth Management, Health and Fitness

Administration, Liberal Arts Business Studies, MIS

Character in Leadership

Chemistry, Biochemistry, Science Composite Education

Communication, Mass Communication

Computer science, MIS

Criminal Justice

Elementary Education

English, Creative Writing, International Studies

Exercise Science

Fine Arts in Theatre

Fine Arts in Studio Art

French, International Studies

German, International Studies

History, International Studies

Information Technology

Mathematics

Music, Fine Arts in Music

Nursing

Physical Education, Health and Fitness Administration

Political Science, International Studies

Psychology

Radiologic Technology

Religion/Philosophy, Christian Ministry, Religion, Philosophy

Spanish, International Studies

Requirements for the Degree

Major Field of Study

At least half of the candidate's major must be completed at Jamestown College; modification of this requirement may be made by the department chair with the consent of the vice president/dean of academic affairs.

Residence Requirement

To fulfill the residence requirement, a minimum of thirty-five semester credits must be earned at Jamestown College, including a final full-time semester prior to graduation, unless the final semester or year is completed elsewhere as part of an approved Jamestown College degree program or a petition is submitted to the vice president/dean of academic affairs.

All students enrolled at Jamestown College who wish to complete courses at other academic institutions and to transfer those courses for credit to Jamestown College must have those courses pre-approved through the registrar's office. Whether a course corresponds in content and quality to a Jamestown College course will be determined by the registrar in conversation with the relevant department chair and the Vice President for Academic Affairs. A minimal expectation is that the course in question comes from an institution that is accredited by a CHEA approved regional accrediting association of schools and colleges that offers either associate or bachelor degrees.

Graduation Application

A Graduation Intent Form must be submitted to the registrar at least one semester prior to graduation. This is the responsibility of the student. Forms are available in the Registrar's Office.

Grade Point Average

1. Entry into the various majors of Jamestown College requires a grade of at least C- in each prerequisite course.
2. In addition, progression within the major is dependent on maintaining a grade of C- in each course. However, graduation from Jamestown College requires a cumulative GPA of 2.0.
3. A grade of C- received in a course at Jamestown College will count toward total credits but will not satisfy major or minor requirements.

Commencement

Graduating seniors are expected to attend and participate fully in graduation activities including baccalaureate and commencement ceremonies. Mid-year or other graduates unable to return for commencement may request their degrees in absentia by writing to the vice president/dean of academic affairs.

Assessment

Jamestown College has a genuine interest in a continuing assessment of student learning as a way of measuring its success in meeting its mission and enhancing its academic programs.

The assessment process is guided by the foundational values and the mission of the College. To clarify this connection, seven purposes that flow from the mission statement and fourteen institutional objectives that are derived from those purposes provide linkage between program outcomes and the college mission. These are listed below:

Purposes:

1. To offer an environment that recognizes the distinctiveness of each student and in which teaching and scholarship lead to an encounter with the Christian faith.
2. To encourage the development of creative and critical thinking through intelligent contact with the accumulate resources of human thought and experience.
3. To provide a curriculum of academic excellence for professional preparation or advanced study.
4. To promote individual self-worth, self-direction, and wholeness.
5. To promote in students a desire for lifelong learning and self-development.
6. To impart knowledge of the world and promote the responsible engagement in it through unselfish service to others.
7. To build character as exemplified by the following traits: Trustworthiness, respect, responsibility, fairness, citizenship, courage, and caring.

Institutional Objectives:

- Jamestown College -
- a) *maintains academic, professional and pre-professional programs that prepare students for entry into the work force or for further education.* (Academic Preparation)
 - b) *provides students with a general education curriculum rooted in the liberal arts to improve critical thinking skills and increase general knowledge.* (General Education)
 - c) *provides opportunities for students to learn basic ethical principles and to engage in character-building activities.* (Character Building)
 - d) *provides support services to assist students in achieving their academic goals.* (Academic Support Services)
 - e) *manages financial resources to support its objectives and strategies in a manner that ensures the institution's viability in the short and long-term.* (Sound Fiscal Management)
 - f) *provides extra-curricular opportunities for students to learn and grow on a personal, social, and civic level.* (Student Support Services)
 - g) *fosters an appreciation of difference through the integration of curricular and co-curricular experiences that are intentionally developed to help students integrate into a global society.* (Diversity)
 - h) *operates within a system of shared governance in which the opinions and values of constituents contribute to decisions and responsibility for success is shared.* (Shared Governance)
 - i) *recognizes and fosters opportunities to connect with, integrate into, and participate with the larger community in which it resides.* (Community)

Assessment

- j) *maintains the infrastructure necessary to support both the academic program and student life.* (Infrastructure)
- k) *demonstrates its commitment to continuous improvement through discipline-specific and pedagogical faculty development.* (Faculty Development)
- l) *demonstrates its commitment to continuous improvement through staff development.* (Staff Development)
- m) *provides opportunities for students to be involved in Christian religious life activities and to explore their faith.* (Christian Life/Religious Life Environment)
- n) *uses current technology to enhance student learning, administrative efficiency, and institutional effectiveness.* (Technology)
- e) analysis of placement information based on alumni surveys;
- f) administration of a faculty and staff survey to gain knowledge of the opinion of faculty and staff about the institution;
- g) analysis of exit surveys from graduating seniors and classroom assessment summaries from every academic department;
- h) analysis of student retention, experiential education, career planning and placement data;
- i) linking assessment results to program development, and;
- j) an ongoing evaluation of our assessment program.

A partial list of assessment activities follow:

- a) administration of the Collegiate Learning Assessment (CLA) to random samples of freshmen and seniors;
- b) administration of the Noel/Levitz Survey of Student Satisfaction or the Jamestown College Survey of Institutional Effectiveness (every 3rd year);
- c) administration of the Major Field Test to graduating seniors in selected departments;
- d) analysis of reported performance on graduate and professional school examinations (including the Graduate Record Examination: General and Subject Tests, the Pre-Professional Skills Test and the Praxis II in Education); the Medical College Admissions Test, the Law School Admissions Test, and the National Council Licensure Examination in Nursing;

While formal and informal reports from alumni, employers, trustees and other constituencies comprise additional information relevant to assessment, student input constitutes the critical source of assessment data. Therefore, all students will be expected at various junctures during their tenure at Jamestown College to contribute to our assessment program by completing surveys, standardized tests, and exit interviews as required by their curriculum.

Harris Widmer Center for Excellence in Information Technology

In early 1999, Jamestown College launched a major new initiative in information technology for the 21st century with the establishment of the Harris Widmer Center for Excellence in Information Technology.

The first venture of the newly established Center was to increase students' access to computers. Each room is networked for access to e-mail, the internet, and other network services.

This dramatic enhancement of computer accessibility to students was made at no additional charge to the students.

The Center's establishment was made possible with a generous lead gift from Harris and Arlyce Widmer, Fargo, N.D. Mr. Widmer is a graduate of the class of 1958 and a long-time College trustee.

The Center's facets include:

- **Studies in Information Technology** (See Computer Science section).
- **Software skills certification**, which involves training in word processing, spread sheets, databases, e-mail and Internet, web page design, presentation software, graphics, desktop publishing, and networking.
- **Special internship opportunities**, which will greatly enhance the resumé of Jamestown College graduates.

Roland E. Meidinger Center for Excellence in Business

Since its launch in the fall of 2000, the Roland E. Meidinger Center for Excellence in Business has become a premier center for management education with programs that compare favorably with those of any liberal arts college in the country. The Meidinger Center for Excellence in Business was named in honor of Roland E. Meidinger, trustee emeritus and longtime benefactor of Jamestown College, and the recipient of the honorary degree Doctor of Laws, Honoris Causa, from the college in 1976.

In order to accomplish its mission of excellence in business education and to achieve its strategic goals, the Meidinger Center for Excellence in Business has implemented several major initiatives that have resulted in the following distinctive program hallmarks:

Accreditation and Certification of Programs

The following degree programs offered through the Roland E. Meidinger Center for Excellence in Business by its Department of Business, Accounting, and Economics are accredited by the International Assembly for Collegiate Business Education (IACBE):

- Bachelor of Arts degree in business administration with concentrations in accounting, business communication, financial planning, general management, global business, hospitality and tourism, and marketing
- Bachelor of Arts degree in accounting
- Bachelor of Arts in Liberal Arts Business Studies
- Bachelor of Arts in Financial Planning and Wealth Management.

Strong and Talented Faculty

The faculty in the Meidinger Center for Excellence in Business are talented, respected, highly collaborative, committed to excellence in teaching and student learning, and are either doctorally- or professionally-qualified to teach in their particular disciplines.

Innovative New Programs

An important initiative of the Meidinger Center for Excellence in Business is the development of new programs that expand offerings and widen the range of choices for students. The center has recently developed an option of a concentration in financial planning in the accounting major, a major in liberal arts business studies, liberal arts concentrations in the business administration major, an interdisciplinary major in health and fitness administration, and concentrations in hospitality and tourism management, and information technology.

Expanded Opportunities for International Experiences

The Meidinger Center for Excellence in Business, through its Department of Business, Accounting, and Economics, currently offers students the following opportunities for international study in business, economics, and/or accounting:

- IACBE International Partnership for Study Abroad
- Irish/American Scholars Study Abroad Program
- International Student Exchange Program (ISEP)

Expanded Internship and Experiential Education Opportunities

The expanded opportunities for internships and other types of field experiences developed by the Meidinger Center for Excellence in Business provide students with experiential learning that is vital to the complete education of business students.

Nationally Recognized Student Organizations

The Meidinger Center for Excellence in Business currently has a very strong and active chapter of Phi Beta Lambda, which is a national student business organization.

The Jamestown Journey to Success

With the first class of their first semester, Jamestown College students begin a journey—a journey to success. The metaphor of the journey is apt because it reminds both students and those working with them to keep thinking about where the chosen path will lead. We want each student to make the most of his or her four years at Jamestown College. And as with any journey, the best way to make the most of it is to keep one's eyes open in order to see as much as possible. Therefore, the Jamestown Journey to Success emphasizes the importance of looking:

Students ***Look Inward*** through examining their own interests, strengths, goals, and dreams. This begins in Journey 101 where students meet in small groups each week with a faculty/staff teacher and an upper-class student guide. Teachers and guides provide the students with analytic instruments and hold discussions to help them think carefully about what they want to accomplish both inside and outside the classroom during the next four years. This results in thoughtful choices of major and minor areas of study as well as involvement in co-curricular activities.

Students ***Look Outward*** by asking how to take the talents and strengths they have identified and use them not only to accomplish their own goals but to serve those around them. All students at Jamestown College do community service as part of the required course in ethics. Students also have the chance to help others distant from the college through mission trips with groups such as Habitat for Humanity and the Presbyterian Church in Kenya or to serve those in our own community through groups like Students of Service, Champions of Character, and many others.

Students ***Look Beyond*** in order to learn about people, cultures, and ways of life different than their own. This happens through overseas travel to places like China, Guatemala, Kenya, or Italy or within the U.S. to cities like Minneapolis, Chicago, or New York. But travel is not the only way to learn about new ideas and diverse perspectives; right on our own campus students can take advantage of Multicultural Week, Foreign Film Festivals, or interaction with international students.

Students ***Look Forward*** as they make use of college resources to prepare themselves for that next step into the world of work or further graduate study. Career Services offers student individual assistance in searching for a job or selecting a graduate school. Opportunities like Backpack to Briefcase Conference allow students to choose among a wide range of sessions on topics such as networking, interviewing, business etiquette, resume writing, applying to graduate school, and many more.

The Jamestown Journey is our way of ensuring that each student's journey fits his or her needs, helps meet the needs of others, and leads to a successful future. The Journey also includes a ***four-year graduation guarantee, a guaranteed internship, and a co-curricular transcript*** for students who want them.* There are very few times in students' lives when they will be surrounded by so many others dedicated to helping them reach their goals as during the years of their journey at Jamestown College.

*The four-year graduation guarantee and the guaranteed internship are subject to specific conditions. More information is available in the Registrar's Office.



Academic Departments

Art

Associate Professor Cox (chair)

Mission Statement

The mission of the Art Department of Jamestown College is to prepare students in visual creativity, interpersonal and group communications proficiency, and to provide for them a learning experience that will help develop their personal growth within the college's liberal arts curriculum. We seek to expose students to traditional and innovative art cultures, trends, and media. From these studies and experiences, students will achieve academic excellence through a better understanding of the arts, civilization, religion, languages, literature, philosophy, government, and geography.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Requirements for the Fine Arts Major with a Concentration In Studio Art

Dept.	Course No.	Course Title	Credits
Art	111	Drawing I	3
Art	112	Design	3
Art	209	Figure Drawing	3
Art	210	Art History I	3
Art	211	Art History II	3
Art	302	Printmaking	3
Art	309	Painting	3
Art	398	Sculpture or Ceramics	3
Art	399	Directed Studio Experience	3
Art	498	Senior Thesis Exhibition	3
Mus		Two approved courses	6
Thea		Two approved courses	6
		Total Semester Credits*	42

* Thea 201 and 202 will not fulfill this requirement.

Additional studio credits are strongly recommended. Courses in the division of humanities, music appreciation, and/or history of theatre are strongly recommended for all art students.

Requirements for the Studio Art Minor

Dept.	Course No.	Course Title	Credits
Art	111	Drawing I	3
Art	112	Design	3
Art	209	Figure Drawing	3
Art	210	Art History I	3
Art	211	Art History II	3
Art	302	Printmaking	3
Art	309	Painting	3
		Total Semester Credits	21

Requirements for the Art History Minor

Dept.	Course No.	Course Title	Credits
Art	111	Drawing I	3
Art	112 or	Design	
Art	210	Art History I	3
Art	211	Art History II	3
Art	300	Directed Studies in Art History	3
Art	312	Comparative Art Forms: East/West	3
Art	400	Directed Studies in Art History	3
Total Semester Credits			18

Suggested Course Sequence for the Fine Arts Major with a Concentration In Studio Art

Freshman Year

Dept.	Course No.	Course Title	Credits
Art	111	Drawing I	3
Art	112	Design	3
Mus –or– Thea		Approved Course	3

Sophomore Year

Dept.	Course No.	Course Title	Credits
Art	209	Figure Drawing	3
Art	210	Art History I	3
Art	211	Art History II	3
Mus –or– Thea		Approved Course	3

Junior Year

Dept.	Course No.	Course Title	Credits
Art	302	Printmaking	3
Art	309	Painting	3
Art	398	Directed Studio Experience (Advanced Studio Area)	3
Mus –or– Thea		Approved Course	3

Senior Year

Dept.	Course No.	Course Title	Credits
Art	399	Directed Studio Experience	3
Art	498	Senior Thesis Exhibition	3
Mus –or– Thea		Approved Course	3

Course Descriptions

(ART)

103-3 Art Appreciation (for non-majors)

An introduction to the understanding and appreciation of the visual arts as a revelation of cultural values of the past and present. *Fall, even years*

111-3 Drawing I

An introduction to the basic perceptual and technical skills of drawing, with practice in a variety of methods and materials. *Fall, even years*

112-3 Design

An introduction to the basic elements of design, particularly as related to two-dimensional forms of the visual arts: line, color, form, and their properties — rhythm, proportion, scale, harmony, balance, unity. *Fall, odd years*

209-3 Figure Drawing

An intermediate level of perceptual and drawing skills applied to representing the human figure with a variety of drawing media. *Spring*

210-3 Art History I

An introductory survey of the art produced from the Paleolithic period through the late European Middle Ages, including an introduction to the art of the East, with emphasis on understanding the art within its cultural context. *Fall, odd years*

211-3 Art History II

A survey of art produced by western civilization from the Renaissance to the present, with emphasis on understanding the art within its cultural context. *Spring, even years*

212-3 Drawing II

An advanced level of study incorporating technical and perceptual drawing skills, developing personal style in a variety of methods and materials. *Fall, odd years*

302-3 Printmaking

An introduction to the basic relief and intaglio processes of traditional and contemporary printmaking.

309-3 Painting

An introduction to the basic materials and methods of painting.

311-3 A History of Modern Painting

A survey of European and American painting of the 19th and 20th centuries, with emphasis on the cultural influences that helped in shaping its development. *Offered as directed study*

312-3 Comparative Art Forms: East and West

A comparative study of two ways of knowing, as they are revealed in the traditional and contemporary art forms of the East and West. *Spring, odd years*

298-3

299-3

398-3

399-3 Directed Studio Experience

Advanced individual development in studio areas (drawing, design, painting, print-making, other media). See instructor for relevant prerequisites.

495-3 Independent Study

Advanced work in studio or history areas with the particular course of study to be planned by the student in consultation with the instructor.

498-3 Senior Thesis Exhibition

The final semester of undergraduate studio experience includes the following requirements: 1) A paper relating to the main studio area of interest; 2) An exhibition of the student's work in the gallery; and 3) An oral examination on the contents of both the paper and the exhibition.

OTHER COURSES: Art

190-1-3 Special Topics

200-2-3 Directed Studies

290-1-3 Special Topics

300-2-3 Directed Studies

390-1-3 Special Topics

400-2-3 Directed Studies

490-1-3 Special Topics

(by arrangement)

Biology

Professor Jensen (chair); Associate Professors Coyle and Solensky; Assistant Professors Ault and Thorlakson

Mission Statement

The Biology Department strives to provide an education in biology of the highest possible quality. The biology curriculum offers career preparation, preparation for further study, and an introduction to biological concepts and scientific reasoning in the liberal arts tradition.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Requirements for the Biology Major

Dept.	Course No.	Course Title	Credits
Biol	150	Introduction to Biology I	4
Biol	151	Introduction to Biology II	4
Biol	201	Biology Orientation	1
Biol	305	Cell Biology	5
Biol	430	Genetics	5
Biol	425/426	Biology Seminar	1 + 1
Biol	442	Evolution	4
Biol		Courses chosen in consultation with advisor at least one must be a course with a substantial ecological component (304, 306, 308 or 310)	13
		Semester Credits	38
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4
Chem	343	Organic Chemistry I	4
Chem	344	Organic Chemistry II	4
Math	105	Statistics	3
Math	151 ^{or}	Calculus I (or equivalent)	4 ^{or}
Math	143/144 ^{or}	College Physics I or College Physics II	5
Math	203/204 ^{or}	Physics I or Physics II	5
		Semester Credits	25
		Total Semester Credits	63

Strongly recommended for students considering graduate school:

Dept.	Course No.	Course Title	Credits
Math	105 ^{or}	Statistics	3
Math	401 ^{or}	Mathematical Statistics I	4
Math	152	Calculus II	4
Math	203 ^{or}	Physics I	5
Math	204 ^{or}	Physics II	5
		(Some graduate schools require a full year of physics)	

Biology majors seeking **secondary education** certification must complete the major plus the requirements listed under "Requirements for Secondary Education Certification" in the *Teacher Education* section of this catalog. In addition, students seeking secondary education certification must complete the Bachelor of Arts general education requirements. The Bachelor of Science general education track is for students who are not pursuing a career in secondary education or a second major in any bachelor of arts field.

Requirements for the Biology Minor

Dept.	Course No.	Course Title	Credits
Biol	150	Introduction to Biology I	4
Biol	151	Introduction to Biology II	4
Biol	442	Evolution	4
Biol		Courses chosen in consultation with advisor	10
		Semester Credits	22
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4
		Semester Credits	8
		Total Semester Credits	30

Sample Course Sequence for the Biology Major

**Important Note: Biology majors need not take General Chemistry (Chem 133-134) their freshman year with the following exceptions: Students considering a chemistry or biochemistry major or minor and students entering college in an even-numbered year and anticipating taking biochemistry. Students that do not take chemistry their freshman year should take an appropriate math instead.*

Students prepared for Calculus I should enroll in Math 151.

Some sophomore, junior, and senior courses are offered in alternate years; therefore, their availability and sequence may differ from the schedule presented below. Students majoring in biology usually take at least two biology courses each year.

Freshman Year

Dept.	Course No.	Course Title	Credits
Biol	150	Introduction to Biology I	4
Biol	151	Introduction to Biology II	4
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4

Sophomore Year

Dept.	Course No.	Course Title	Credits
Biol	201	Biology Orientation	1
Chem	343	Organic Chemistry I	4
Chem	344	Organic Chemistry II	4
Math	151	Calculus or Statistics or determined by Math Department	3–5

Select one biology course from the following courses:

Biol	208	Human Anatomy and Physiology (elective)	5
Biol	216	Microbiology (elective)	4
Biol	304	Invertebrate Zoology (elective)	5
Biol	306	Vertebrate Zoology	5
Biol	308	Animal Behavior	5
Biol	310	Ecology	5

Junior Year

Dept.	Course No.	Course Title	Credits
Biol	305	Cell Biology	5
Biol	308	Animal Behavior (elective)	5
Biol	310	Ecology (elective)	5
Biol	312	Developmental Biology (elective)	5
Biol	412	Molecular Biology (elective)	4
Biol	442	Evolution	4
Math	143/144	College Physics I or College Physics II	5
Math	203/204	Physics I or Physics II	5

Biology

Senior Year

Dept.	Course No.	Course Title	Credits
Biol	304	Invertebrate Zoology (elective)	5
Biol	306	Vertebrate Zoology (elective)	5
Biol	413	Biochemistry I* (elective)	3
Biol	414	Biochemistry II* (elective)	3
Biol	430	Genetics	5
Biol	425/426	Biology Seminar	1 + 1

* Biochemistry may be registered either in biology or in chemistry, but credits will apply to only one department.

Prospective Graduate School Students

Students planning to attend graduate school should consider a research internship during the summer after their sophomore and/or junior years. Prospective graduate school students should complete all courses required for the biology major, PLUS either Option 1 or Option 2 below:

Option 1—For an emphasis in Environmental or Organismal Biology

Dept.	Course No.	Course Title	Credits
Biol	304	Invertebrate Zoology	5
Biol	224	Principles of Microbiology	4
Biol	306	Vertebrate Zoology	5
Biol	308	Animal Behavior	5
Biol	310	Ecology	5

Option 2—For an emphasis in Cell Biology or Physiology

Dept.	Course No.	Course Title	Credits
Biol	224	Principles of Microbiology	4
Biol	312	Developmental Biology	5
Biol	412	Molecular Biology	4
Biol	413	Biochemistry I	3

Biochemistry Major

Please refer to the *Chemistry* section for this major.

Health-Related Majors

A bachelor's degree is granted from Jamestown College to students completing majors in clinical laboratory science and in radiologic technology. The number of credits within these majors make the BS degree the best option. Students seeking a BA in these majors can expect to exceed the 128 semester credits required for graduation.

Clinical Laboratory Science Major

Clinical laboratory scientists (medical technologists/medical laboratory scientists) are health professionals who supervise and conduct laboratory diagnostic tests on patients' body fluids and/or tissues, assisting the physician with diagnoses and treatments. An education in this field will prepare the student for a variety of career opportunities.

Two options are available in preparing for a career in clinical laboratory science (CLS.) Students can plan programs so that they need not decide immediately which option they will choose. Each includes a year of clinical internship in an accredited medical technology/clinical laboratory science program and prepares the student for the medical technologist certification exam from the Board of Registry of the American Society of Clinical Pathologists and the clinical laboratory scientist exam from

the National Certifying Agency. As a member of the Western College Alliance for Clinical Laboratory Science, a cooperative education program between several universities and colleges in the Midwest, Jamestown College is affiliated with the clinical laboratory science program at the University of North Dakota (UND). The final professional year begins with a summer semester at the University of North Dakota. Fall and spring semesters are then spent at one of the many possible clinical sites. There are currently more than twenty-five clinical affiliates in North Dakota, Minnesota, and other western states.

Option A

Students can complete Option A in four years, earning a Bachelor of Science degree from Jamestown College with a major in clinical laboratory science. Three years are spent on campus at Jamestown College completing prerequisite course work and general education requirements. During the fall semester of the junior year, the student applies to the affiliated CLS program. The senior year consists of twelve months of specialized clinical laboratory science education, beginning with summer session at the UND campus in Grand Forks. Fall and spring semesters are spent at one of the many clinical sites.

Option B

Option B is a five-year program. The student spends four years at Jamestown College completing a Bachelor of Science degree with a major in biology or chemistry before entering the one-year clinical training. During the fall semester of the senior year, the student may apply either to the UND program or to any accredited CLS program nationwide to complete the professional internship.

Program note

The Clinical Laboratory Science major prepares students to transfer in three years to a CLS program outside of Jamestown College. Acceptance into the off campus program is independent from Jamestown College. Students should consult with the program director, registrar, Business Office, and Financial Aid Office early in their course of study to ensure a clear understanding of the CLS program, application procedure, and financial aid implications for the off-campus portion of the course of study.

In addition to the bachelor of science general education requirements, the following courses are required for students planning a major in clinical laboratory science:

At Jamestown College

Dept.	Course No.	Course Title	Credits
Biol	150-151	Introduction to Biology I and II (with lab)	8
Biol	235	Human Parasitology (with lab)	2
Biol	208-209	Human Anatomy and Physiology I & II (with lab)	10
Biol	216	Microbiology (with lab)	4
Biol	333	Hematology (with lab)	4
Biol	335	Immunology (with lab)	3
Chem	133-134	General Chemistry I and II (with lab)	8
Chem	343-344	Organic Chemistry I and II (with lab)	8
Chem	413	Biochemistry I	3
Biol	305 or	Cell Biology (with lab)	5
CS		Computer Science	3
Math	111	College Algebra (or higher)	3
Semester Credits			56-58

Highly Recommended Courses

Dept.	Course No.	Course Title	Credits
Biol	210	Medical Terminology	1
Biol	305	Cell Biology (with lab)	5
Biol	430	Genetics (with lab)	5
Busn	321	Business Management	3
Math	105	Statistics	3

The student must apply for admittance to an affiliated CLS program during the fall semester of the junior year. Minimum GPA is 2.8. There can be no more than one “D” in any math or science course, and the student must be recommended by the Jamestown College CLS program director. The senior year is spent exclusively in professionally oriented courses in the twelve-month clinical program; therefore, all general education requirements must be completed before attending. Grades and credits earned at the affiliated program are transferred to Jamestown College. Upon satisfactory completion of the program, the bachelor’s degree is granted by Jamestown College.

Summer Semester (at the University of North Dakota, Grand Forks)

CLS 471	Clinical Chemistry I	2
CLS 472	Pre-analytical Testing	1
CLS 473	Clinical Hemostasis I	2
CLS 474	Clinical Urinalysis I	2
CLS 477	Clinical Immunohematology I	1
CLS 477L	Clinical Immunohematology I Laboratory	1
CLS 478	Clinical Microbiology I	2
CLS 479	Clinical Hematology I	2
Credits		13

Fall Semester (at clinical site)

CLS 480	Clinical Immunohematology II	2
CLS 481	Clinical Chemistry II	2
CLS 483	Clinical Hemostasis II	1
CLS 484	Clinical Microbiology II	2
CLS 485	Clinical Urinalysis II	1
CLS 487	Medical Mycology	1
CLS 488	Clinical Hematology II	2
CLS 489	Clinical Body Fluids	1
Credits		12

Spring Semester (at clinical site)

CLS 490	Financial & Quality Management of the Clinical Lab	3
CLS 491	Clinical Chemistry III	2
CLS 492	Clinical Immunohematology III	2
CLS 494	Clinical Immunology	1
CLS 495	Clinical Microbiology III	2
CLS 498	Clinical Hematology III	2
Credits		12

Professional Year Credits **37**

Radiologic Technology Major Requirements and Suggested Course Sequence

Important note: Students should consult with the program director, the registrar, and the Business Office early in their course of study to ensure that the process of transferring schools and credits is fully understood. Students are charged an administration fee if the radiologic technology internship is completed at a school not affiliated with Jamestown College.

Freshman Year, Sem I

Dept.	Course No.	Course Title	Credits
Biol	150	Introduction to Biology I (with lab)	4
CS		Computer Science	3
Engl	101	Freshman Composition I	3
Firs	101	Journey 101	1
Math	112	Trigonometry	3
		Elective: Global Perspectives	3

Freshman Year, Sem II

Dept.	Course No.	Course Title	Credits
Chem	114	Chemistry for Health Sciences	4
Biol	210	Medical Terminology	1
Comm		Speech, Oral Interpretation, or Debate	3
Engl	102	Freshman Composition with Literature	3
Hist		American Government or American History	3
KNS		Activity Class	1
		Elective (Global Perspectives)	3

Sophomore Year, Sem I

Dept.	Course No.	Course Title	Credits
Biol	208	Human Anatomy and Physiology I (with lab)	5
Biol	216	Microbiology (with lab)	4
Math	143	College Physics I (with lab)	5
Phil	252	Ethics	3

Sophomore Year, Sem II

Dept.	Course No.	Course Title	Credits
Biol	209	Human Anatomy and Physiology II (with lab)	5
Math	144	College Physics II (with lab)	5
Rel		Elective	3
		Elective: Literature, music, art, or theatre	3
		Elective: Psychology, sociology, political science, or economics	3

6 semester credits MUST BE upper-division (300/400 level).

Note: This two-year sequence has little latitude and assumes a proficiency to enter these college level courses. Six credits must be 300/400 level and all other general education requirements must be completed. Many students choose to attend for three years, taking lighter course loads and taking additional courses to strengthen their credentials. Sixty semester credits (which include forty-two upper-level) will be granted for successful completion of the two years in the radiologic technology program at an affiliated radiological technology program. Copies of these affiliation agreements are available for review in the Business Office. Other programs must be approved in advance by the program director, and specific agreements must be formalized by the academic dean, the registrar, the Business Office, and the Financial Aid Office.

Students must apply for admittance to an affiliated program during the fall semester of their sophomore year. Acceptance at a program is competitive and not guaranteed. All Jamestown College classes must be completed before attending the affiliate institution. Upon satisfactory completion of the program, the bachelor's degree is granted by Jamestown College.

Health-Related Pre-Professional Preparation (Please refer to section beginning on page 195.)

Medicine	Physical Therapy	Pharmacy	Dentistry
Optometry	Occupational Therapy	Chiropractic	Podiatry
Osteopathy			

Biology

Course Descriptions

(Biol)

Laboratories must be taken concurrently with the lecture courses but will be graded separately.

108-4 The Human Body

An exploration of the process of science research, using the human body as a study system. Concepts covered include the structure and function of cells and organ systems as well as human genetics and health. (Not for major or minor credit.) 3/1 credits. *Spring and fall of odd years*

110-4 Environmental Science (Lec/Lab)

A study of our natural environment and the physical and biological principles functioning in it. Emphasis on human activities and effects. (Not for major or minor credit.) 3/1 credits. *Fall and spring of even years*

150-4 Introduction to Biology I (Lec/Lab)

Principles and processes of biology, including biochemistry, cell biology, histology, genetics, and evolution. 3/1 credits. *Fall and spring*

151-4 Introduction to Biology II (Lec/Lab)

Principles and processes of biology, including botany, ecology, the biology of selected animal systems, animal diversity, and behavior. Prerequisite: Biol 150. 3/1 credits. *Spring*

201-1 Biology Orientation

An exposure to literature searches, reading scientific papers, the methods of science, experimental design and analysis, science in society, the biology curriculum, and career opportunities in the biological sciences. Required for all biology majors in their sophomore year. *Fall*

208-5 Human Anatomy and Physiology I (Lec/Lab)

A study of the structure and function of the human body, including gross and micro-anatomy. Physiological principles at the organ system and organ levels are emphasized. Focus on integumentary, skeletal, muscular nervous and endocrine systems. Prerequisite: Biol 150, Chem 113, Chem 114, or Chem 133. (In the 208-209 sequence, only 208 will count for major credit.) 4/1 credits. *Fall*

209-5 Human Anatomy and Physiology II (Lec/Lab)

Continuation of Biol 208. Focus on cardiovascular, immune, respiratory, digestive, urinary, and reproductive systems. Prerequisite: Biol 208. (Not for major credit.) 4/1 credits. *Spring*

210-1 Medical Terminology

Knowledge of medical terminology. *Fall and spring*

216-4 Microbiology (Lec/Lab)

A study of the characteristics of microorganisms (bacteria, viruses, microorganisms), and principles of their growth and control. Interactions between host and microbe, including host defenses, infectious diseases, and epidemiology are also included. Prerequisite: Biol 151, Chem 113, Chem 114, or Chem 133. 4/1 credits. *Fall*

235-2 Human Parasitology (Lec/Lab)

This combined lecture/laboratory course presents an overview of human parasitology with an emphasis on the medically relevant parasites. It is primarily designed for clinical laboratory science students. The course will cover basic knowledge of life cycles, pathologies produced, and laboratory diagnosis of human parasites. Prerequisite: Biol 151. *Spring*

304-5 Invertebrate Zoology (Lec/Lab)

A study of the biological diversity of invertebrate animals, focused on the evolution, ecology, and morphology of major phyla. Prerequisite: Biol 151. 3/2 credits. *Fall, even years*

305-5 Cell Biology (Lec/Lab)

A study of cell structure and function with emphasis on the eukaryotic cell and cellular processes. Prerequisites: Biol 151, Chem 134, and junior standing or permission. 4/1 credits. *Fall*

306-5 Vertebrate Zoology (Lec/Lab)

A study of biological diversity of vertebrate animals, focused on the evolutionary history, ecology and morphology of major lineages. Prerequisites: Biol 151 and junior standing or permission. 3/2 credits. *Spring, odd years*

308-5 Animal Behavior (Lec/Lab)

A study of mechanisms and evolution of animal behavior. Examples will be drawn from a taxonomically diverse assemblage of animals, and labs will include field and lab-based studies. Prerequisite: Biol 150 and sophomore standing or permission of instructor. 3/2 credits. *Spring, even years*

310-5 Ecology (Lec/Lab)

Principles of population, community, and ecosystem ecology exemplified by plant and animal populations. Emphasis on population dynamics, trophic relationships, and environmental factors affecting the community. Prerequisites: Biol 151 and Chem 133. 3/2 credits. *Fall, odd years*

312-5 Developmental Biology (Lec/Lab)

Patterns and principles of animal development with an emphasis on echinoderm and chordate developmental systems. Prerequisites: Biol 151 and junior year or permission. 4/1 credits. *Fall, odd years*

325-2 Histology (by arrangement)

A study of mammalian cell structure, tissues, and their organization. Prerequisite: Biol 209

333-4 Hematology (Lec/Lab)

A detailed study of the nature and functions of human blood and clinical identification of blood-related diseases. Course primarily designed for CLS majors. Prerequisite: Biol 209 or permission. 3/1 credits. *Fall*

335-3 Immunology (Lec/Lab)

An introduction to human immunochemistry, immunobiology, and development of the immune system. Prerequisite: Biol 216 or Biol 224. 2/1 credits. *Spring*

412-4 Molecular Biology (Lec/Lab) A study of the structure and function of nucleic acids, the replication of DNA, and the regulation of the gene. Laboratory experience will involve the application of recombinant DNA techniques to molecular biology. Prerequisite: Biol 305. 2/2 credits. *Spring, even years*

13-3 Biochemistry I

The study of the important classes of biochemicals as well as enzymes and enzyme function. (Same as Chem 413) Prerequisite: Chem 344. *Fall, even years*

414-3 Biochemistry II

The study of intermediary metabolism and the synthesis and breakdown of small biomolecules. Prerequisite: Biol 413. *Spring, odd years*

425-1 Biology Seminar I

A focused investigation of a current topic in biology. Required of all majors (senior year). *Fall*

426-1 Biology Seminar II

A continuation of Biol 425. Required of all majors. *Spring*

430-5 Genetics (Lec/Lab)

A study of the principles and processes of inheritance. Classical, molecular, and population genetics are discussed. Prerequisites: Three courses in biology, including Biol 305 or permission. 4/1 credits. *Spring, odd years*

442-4 Evolution (Lec/Lab)

A study of changes in biological systems at the molecular, organismal, and populational levels. These biological changes are studied in the framework of concepts and causal mechanisms. Prerequisite: Biol 151. 3/1 credits. *Spring, even years*

OTHER COURSES: Biology

190-1-3 Special Topics

200-1-4 Directed Studies

290-1-3 Special Topics

300-1-4 Directed Studies

390-1-3 Special Topics

400-1-4 Directed Studies

490-1-3 Special Topics

(by arrangement)

Course content and requirements to be established jointly by the student and instructor.

495-1-4 Independent Study

(by arrangement)

Course content and requirements to be established jointly by the student and instructor.

Business, Accounting, and Economics

Professor Sarabakhsh; Associate Professors Greshik (chair) and Fawaz; Assistant Professors Paulson, Piscitiello, and Weispenning; Lecturer Morris

Mission Statement

The Department of Business, Accounting, and Economics fosters a comprehensive world-view in each of our students through an interdisciplinary integration of the liberal arts and business studies. Based on this foundation, it is our mission to pursue excellence in business education and to prepare students for successful professional careers, graduate studies, and a lifetime of learning, service, and personal growth.

Broad-based Goals

In order to accomplish its mission, the Department of Business, Accounting, and Economics pursues a set of broad-based goals. They are as follows:

- to promote a dynamic environment of academic excellence that emphasizes student learning in all programs of study
- to enhance operational effectiveness and measure excellence in business education through comprehensive programs of outcomes assessment and continuous improvement that are fully integrated with strategic planning
- to engage in continuing curricular review and development
- to develop ethical leaders who excel in a variety of organizational environments through contributions to the personal and professional development of students
- to promote and engage in a variety of faculty development activities
- to provide significant opportunities for international study, experiential education, and co-curricular activities
- to foster a stimulating and effective learning and teaching environment for all students and faculty
- to establish and sustain internal and external collaborative educational relationships and partnerships
- to enhance visibility, reputation, and service presence by developing and sustaining community, regional, state, national, and international outreach initiatives

Assessment

The Department of Business, Accounting, and Economics affirms the importance of continual and comprehensive assessment of student learning outcomes in all of its programs as a method of measuring excellence in business education. Consequently, the department is committed to the use of outcomes assessment results as a means to achieve its stated purposes and educational goals and to improve student academic and personal achievement. Therefore, all students who pursue majors offered by the department will be required to participate in its ongoing outcomes assessment program, which includes a national standardized test in business.

Accreditation

Specialized business accreditation by an independent, external accrediting body is a means by which students, parents, the business community, and other stakeholders of the College can be assured that the institution's business degree programs meet high standards of excellence and follow best practice in business education.

Jamestown College has received specialized accreditation for its business programs through the International Assembly for Collegiate Business Education (IACBE), located in Olathe, Kansas. The

business programs in the following degrees are accredited by the IACBE:

- Bachelor of Arts in business administration with concentrations in accounting, business communication, financial planning, general management, global business, hospitality and tourism management, information technology, and marketing
- Bachelor of Arts in accounting
- Bachelor of Arts in financial planning and wealth management
- Bachelor of Arts in liberal arts business studies

Study Abroad Opportunities

The Department of Business, Accounting, and Economics currently offers students the following opportunities for international study:

1. In cooperation with the Presbyterian Church (USA), the British Council, and the Department for Employment and Learning in Northern Ireland, the department participates in the Irish/American Scholars Program. This program provides students with the opportunity to apply to study for either one semester or a full academic year at one of our partner institutions in Northern Ireland: Queen's University-Belfast, University of Ulster-Coleraine, University of Ulster, Magee College-Derry, University of Ulster-Jordanstown, University of Ulster-Belfast, or the Belfast Metropolitan College.
2. Jamestown College is a member of the International Student Exchange Program (ISEP), which is the world's largest network of colleges and universities cooperating to provide international educational experiences for their students. Through the ISEP network, students have access to affordable, high-quality study abroad programs in any discipline, including business, economics, and accounting. The reciprocal exchange program is designed so that students pay all of their normal fees, including tuition and room and board, to Jamestown College and then study abroad for a semester, a full academic year, or a summer. Programs in business, economics, and accounting are available in more than sixty universities throughout Europe, Asia, Australia, Africa, South America, Central America, and North America.

Requirements for the Accounting Major

At the recommendation of the American Institute of Certified Public Accountants (AICPA), state law now requires that candidates who sit for the certified public accountant examination must have completed 150 academic credit-hours with either a major or concentration in accounting. The intent of the AICPA recommendation is to generate CPAs who possess a broader base of knowledge that extends beyond accounting. Jamestown College currently requires a total of 128 credit hours for graduation with a Bachelor of Arts degree. Therefore, state law requires CPA candidates to complete an additional twenty-two credit hours in order to sit for the CPA exam.

The Department of Business, Accounting, and Economics offers two accounting program options. The first option, the accounting major, consists of the sixty-three credit-hour major requirements listed below. The second option, an accounting major with a concentration in financial planning, consists of the sixty-credit-hour major requirements, plus a seventeen credit-hour concentration. Students who plan to sit for the CPA exam may complete the recommended courses listed for either option in order to fulfill the additional twenty-two-credit-hour CPA requirement. They may also choose to complete the additional credits through graduate study.

Intended Student Learning Outcomes for the Accounting Major

As outcomes of learning in the accounting major, students will be able to

1. Demonstrate knowledge of the core areas of accounting
2. Demonstrate the ability to work within a team setting
3. Demonstrate effective communication skills

4. Demonstrate the ability to analyze data
5. Demonstrate the ability to use decision-support tools
6. Be able to think critically to solve problems and make business and accounting decisions

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Accounting Major Major Requirements

Accounting Core Requirements

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
Acct	301	Intermediate Accounting I	3
Acct	302	Intermediate Accounting II	3
Acct	311	Cost/Managerial Accounting	4
Acct	325	Governmental and Not-for-Profit Accounting	3
Acct	355	Income Tax Accounting I	3
Acct	356	Income Tax Accounting II	3
Acct	451	Auditing I	3
Acct	452	Auditing II/Senior Seminar	3
Acct	457	Advanced Accounting	3
Total Accounting Core Credits			34

Correlative Requirements

Busn	315	Business Law I	3
Busn	316	Business Law II	3
Busn	320	Marketing	3
Busn	321	Business Management	3
Busn	351	Financial Management	3
Econ	201	Principles of Microeconomics	3
Econ	202	Principles of Macroeconomics	3
CS	240	Advanced Software Applications	3
CS	241	Introduction to Information Systems	2
Math	105	Statistics	3
Total Busn, Econ, CS and Math Correlative Credits			29
Total Semester Credits Required for the Accounting Major			63

Students planning to sit for the CPA exam should choose additional courses in consultation with their advisor.

Accounting Major with a Concentration in Financial Planning

Students who pursue the accounting major with a concentration in financial planning must complete the 60-credit-hour major requirements listed above plus the following concentration:

Dept.	Course No.	Course Title	Credits
Busn	301	Introduction to Financial Planning	1
Busn	305	Insurance Planning	3
Busn	310	Retirement and Benefits Planning	3
Busn	330	Sales and Sales Management	3
Busn	440	Investments	3
Busn	450	Estate Planning	3
Busn	451	Senior Financial Planning Colloquium	1
Total Semester Credits Required for the Concentration in Financial Planning			17
Total Semester Credits for Accounting Major with a Concentration in Financial Planning			80

Note 1: Students who pursue the accounting major with a concentration in financial planning may not choose a concentration in financial planning in the business administration major.

Note 2: In order to complete 150 hours in a normal four-year undergraduate program, students would need to take an average of approximately nineteen credits per semester. Therefore, students who plan to sit for the CPA exam might consider summer courses, an additional semester or year, or graduate school to fulfill the 150-hour CPA requirement.

Suggested Course Sequence for the Accounting Major

Freshman Year

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
CS	240	Advanced Software Applications	3
Math	105	Statistics	3

Sophomore Year

Dept.	Course No.	Course Title	Credits
Acct	301	Intermediate Accounting I	3
Acct	302	Intermediate Accounting II	3
Acct	311	Cost/Managerial Accounting	4
CS	241	Introduction to Information Systems	2
Econ	201	Principles of Microeconomics	3
Econ	202	Principles of Macroeconomics	3

Junior Year

Dept.	Course No.	Course Title	Credits
Acct	325	Governmental and Not-for-Profit Accounting	3
Acct	355	Income Tax Accounting I	3
Acct	356	Income Tax Accounting II	3
Busn	320	Marketing	3
Busn	321	Business Management	3
Busn	351	Financial Management	3

Senior Year

Dept.	Course No.	Course Title	Credits
Acct	451	Auditing I	3
Acct	452	Auditing II	3
Acct	457	Advanced Accounting	3
Busn	315	Business Law I	3
Busn	316	Business Law II	3

Requirements for the Business Administration Major

Students must complete a minimum of fifty-seven credit hours, including the core curriculum in business and at least one area of business concentration. In addition, students may choose to pursue one or more liberal arts concentrations.

Intended Student Learning Outcomes for the Major in Business Administration

As outcomes of learning in the business administration major, students will be able to

1. Demonstrate fundamental knowledge in the functional areas of business for entry-level professional positions and graduate studies

2. Demonstrate knowledge of the global dimensions of business
3. Demonstrate knowledge of the legal, social, and economic environment of business
4. Demonstrate the ability to use decision-support tools
5. Demonstrate the ability to communicate effectively
6. Demonstrate the acquisition of analytical, quantitative, and critical-thinking skills within a business context
7. Demonstrate effective teamwork skills
8. Demonstrate knowledge of the ethical responsibilities of business and apply them to leadership decisions

A grade of C- or above must be earned in all courses that are required in a major or a minor.

**Core Curriculum in Business
Accounting, Business, Economics Requirements**

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
Busn	315	Business Law I	3
Busn	320	Marketing	3
Busn	321	Business Management	3
Busn	380 or	Entrepreneurship and Small Business Management	
Busn	351	Financial Management	3
Busn	370	Production/Operations Management	3
Busn	455	Strategic Management	3
Econ	201	Principles of Microeconomics	3
Econ	202	Principles of Macroeconomics	3
Total Acct, Busn, Econ Credits			30

Correlative Requirements

Dept.	Course No.	Course Title	Credits
CS	140	Integrated Software Applications	3
Math	105	Statistics	3
Math	111	College Algebra	3
		Or a higher level math course (Confer with advisor)	
Total CS and Math Correlative Credits			9
Total Semester Credits Required for the Core Curriculum in Business			39

Areas of Business Concentration

All students who major in business administration must choose at least one of the following areas of business concentration:

Concentration in Accounting

Dept.	Course No.	Course Title	Credits
Acct	301	Intermediate Accounting I	3
Acct	302	Intermediate Accounting II	3
Acct	311	Cost/Managerial Accounting	4
Acct	355	Income Tax Accounting I	3
Acct	451	Auditing I	3
Acct	457	Advanced Accounting	3
Total Semester Credits Required for the Concentration in Accounting			19

Note: Students who pursue the major in accounting may not choose the accounting concentration as part of a business administration major.

Concentration in Business Communication

Dept.	Course No.	Course Title	Credits
Busn	430	Advertising	3
Comm	210	Principles of Public Relations	3

Choose one of the following two courses:

Comm	305	Cross-Cultural Communication	3
Comm	370	Diversity	3

Choose three of the following courses:

Comm	220	Interpersonal Communication	3
Comm	320	Organizational Communication	3
Comm	360	Nonverbal Communication	3
Comm	390	Small Group Communication	3
Comm	405	Conflict Management	3
Comm/Engl	312	Business & Professional Communication	3

Total Semester Credits Required for the Concentration in Business Communication **18**

Concentration in Financial Planning

Dept.	Course No.	Course Title	Credits
Acct	355	Income Tax Accounting I	3
Busn	301	Introduction to Financial Planning	1
Busn	305	Insurance Planning	3
Busn	310	Retirement and Benefits Planning	3
Busn	330	Sales and Sales Management	3
Busn	440	Investments	3
Busn	450	Estate Planning	3
Busn	451	Senior Financial Planning Colloquium	1

Total Semester Credits Required for the Concentration in Financial Planning **20**

Note: Students who pursue the accounting major with a concentration in financial planning may not choose a concentration in financial planning as part of a major in business administration.

Concentration in Management

Dept.	Course No.	Course Title	Credits
Busn	316	Business Law II	3
Busn	322	Human Resource Management	3
Busn	330	Sales and Sales Management	3
Econ	354	Global Competition and Strategy	3
Acct/Busn/Econ		Accounting, Business, or Economics Elective	3

Plus one of the following courses:

Busn	350	Internship	
Busn	490	Community Alliance for Management Consulting (CAMC)	
Comm	305	Cross-Cultural Communication	3
Comm	320	Organizational Communication	
Comm/ Engl	312	Business and Professional Communication	

Total Semester Credits Required for the Concentration in General Management **18**

CS	425	Telecommunications and Data Network	3
Total Semester Hours Required for the Concentration in Information Technology			20

Concentration in Marketing

Dept.	Course No.	Course Title	Credits
Busn	330	Sales and Sales Management	3
Busn	410	Global Marketing	3
Busn	430	Advertising	3
Busn	470	Special Topics in Marketing	3
Busn	475	Marketing Research	3
Busn	480	Strategic Marketing	3
Total Semester Credits Required for the Concentration in Marketing			18

Liberal Arts Concentrations

In addition to the areas of business concentration in the business administration major, students may also choose a liberal arts concentration by completing eighteen credit hours from any one of the liberal arts minors listed below:

Liberal arts minors

Studio Art	Communication	International Studies	Psychology
Art History	English	Mathematics	Religion
Biology	French	Music	Sociology
Chemistry	German	Philosophy	Spanish
Christian Ministry	History	Political Science	Theatre

Note: The eighteen credit hours must be selected in consultation with and approved by the chair of the department in which the concentration is chosen. If eighteen credit hours are selected from a minor that consists of exactly eighteen credit hours as previously specified by that department, then the student would have the option of choosing either a liberal arts concentration in that area or a usual minor in that area. If students choose to complete an entire liberal arts minor that consists of more than eighteen credit hours, then they would earn the normal minor designation as is currently the case.

Various courses in the areas of concentration are offered on an alternating year basis. Consequently, students must work closely with their academic advisors to ensure that the courses are taken in a timely manner for degree completion in the normal four-year time span. (See *Course Descriptions* for timing of course offerings.)

Suggested Course Sequence for the Major in Business Administration

Freshman Year

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
CS	140	Integrated Software Applications	3
CS	240 ^{or}	Advanced Office Applications	3
Math	111	College Algebra	3
		Or Higher Level Math Course (Confer with advisor)	

Sophomore Year

Dept.	Course No.	Course Title	Credits
Econ	201	Principles of Microeconomics	3
Econ	202	Principles of Macroeconomics	3
Math	105	Statistics	3

Junior Year

Dept.	Course No.	Course Title	Credits
Busn	315	Business Law I	3
Busn	320	Marketing	3
Busn	321	Business Management	3
Busn	380 or	Entrepreneurship and Small Business Management	3
Busn	351	Financial Management	3
Busn	370	Production/Operations Management	3
Acct/Busn/Econ			
Comm/Engl		Courses in Chosen Concentration	6-9
Liberal Arts		(Business and Liberal Arts)	

Senior Year

Dept.	Course No.	Course Title	Credits
Busn	455	Strategic Management	3
Acct/Busn/Econ/			
Comm/Engl		Courses in Chosen Concentration	9-12
Liberal Arts		(Business and Liberal Arts)	

Requirements for the Financial Planning and Wealth Management Major

Intended Student Learning Outcomes for the Financial Planning and Wealth Management Major

As outcomes of learning in the financial planning and wealth management major, students will be able to

1. Explain the components of and activities involved in the financial planning process
2. Demonstrate fundamental knowledge of and skills in financial planning and related areas for entry-level professional positions and professional examinations
3. Demonstrate fundamental knowledge of and skills in the relevant functional areas of business
4. Apply ethical and legal principles and standards to the financial planning environment
5. Integrate wealth management areas and apply appropriate tools and skills to the development of a comprehensive financial plan
6. Demonstrate the acquisition of analytical, quantitative, and critical-thinking skills
7. Demonstrate effective professional communication skills

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Business Core

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
Busn	315	Business Law I	3
Busn	320	Marketing	3
Busn	321	Business Management	3
Busn	351	Financial Management	3
Econ	201	Principles of Microeconomics	3
Econ	202	Principles of Macroeconomics	3
Econ	309	Global Financial Markets	3
Total Business Core Credits			27

Correlative Requirements

Dept.	Course No.	Course Title	Credits
Comm	220	Interpersonal Communication	3
CS	140	Integrated Software Applications	3
CS	240 ^{or}	Advanced Office Applications	3
Math	105	Statistics	3
Total Correlative Credits			9

Financial Planning and Wealth Management Requirements

Dept.	Course No.	Course Title	Credits
Acct	355	Income Tax Accounting I	3
Busn	301	Introduction to Financial Planning	1
Busn	305	Insurance Planning	3
Busn	310	Retirement and Benefits Planning	3
Busn	330	Sales and Sales Management	3
Busn	440	Investments	3
Busn	450	Estate Planning	3
Busn	451	Senior Financial Planning Colloquium	1
Total Financial Planning and Wealth Management Credits			20

**Total Semester Credits Required for the
Financial Planning and Wealth Management Major 56**

Note: Students who pursue the financial planning and wealth management major may not choose a concentration in financial planning as part of a major in business administration.

Suggested Course Sequence for the Financial Planning and Wealth Management Major

Freshman Year

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
CS	140 ^{or}	Integrated Software Applications	3
CS	240	Advanced Office Applications	3

Sophomore Year

Dept.	Course No.	Course Title	Credits
Busn	301	Introduction to Financial Planning	1
Comm	220	Interpersonal Communication	3
Econ	201	Principles of Microeconomics	3
Econ	202	Principles of Macroeconomics	3
Math	105	Statistics	3

Junior Year

Dept.	Course No.	Course Title	Credits
Acct	355	Income Tax Accounting I	3
Busn	305	Insurance Planning	3
Busn	310	Retirement and Benefits Planning	3
Busn	315	Business Law I	3
Busn	320	Marketing	3
Busn	321	Business Management	3
Busn	330	Sales and Sales Management	3
Busn	351	Financial Management	3
Econ	309	Global Financial Markets	3

Senior Year

Dept.	Course No.	Course Title	Credits
Busn	440	Investments	3
Busn	450	Estate Planning	3
Busn	451	Senior Financial Planning Colloquium	1

Requirements for the Liberal Arts Business Studies Major

Students must complete a minimum of fifty-seven credit hours, including the core curriculum in business (see the major in business administration) plus one of the following options: (1) a liberal arts minor or (2) a liberal arts major from among those listed below.

Intended Student Learning Outcomes for the Liberal Arts Business Studies Major

As outcomes of learning in the liberal arts business studies major, students will be able to

1. Demonstrate fundamental knowledge in the functional areas of business for entry-level professional positions and graduate studies
2. Demonstrate knowledge of the global dimensions of business
3. Demonstrate knowledge of the legal, social, and economic environment of business
4. Demonstrate the ability to use decision-support tools
5. Demonstrate the ability to communicate effectively
6. Demonstrate the acquisition of analytical, quantitative, and critical-thinking skills within a business context
7. Demonstrate effective teamwork skills
8. Demonstrate knowledge of the ethical responsibilities of business and apply them to leadership decisions
9. Demonstrate the acquisition of the knowledge and skills appropriate for a particular liberal arts discipline

Liberal arts minors

Studio Art	Communication	International Studies	Psychology
Art History	English	Mathematics	Religion
Biology	French	Music	Sociology
Chemistry	German	Philosophy	Spanish
Christian Ministry	History	Political Science	Theatre

Liberal arts majors

Biology	English	German	Psychology: B.A.
Biochemistry	Fine Arts: Studio Art	History-Political Science	Psychology: B.S.
Chemistry	Fine Arts: Music	Mathematics	Religion-Philosophy
Communication	Fine Arts: Theatre	Music: Applied	Spanish
	French	Music: Education	

Note 1: Students who pursue Option 1 will earn a major in liberal arts business studies and a minor in the area chosen, whereas students who pursue Option 2 will earn a major in liberal arts business studies and a second major in the area chosen.

Note 2: Students may not double major in both business administration and liberal arts business studies.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Suggested Course Sequence for the Major in Liberal Arts Business Studies

Freshman Year

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
CS	140	Integrated Software Applications	3

Math	111	College Algebra Or Higher Level Math Course (Confer with advisor)	3
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Sophomore Year

Dept.	Course No.	Course Title	Credits
Econ	201	Principles of Microeconomics	3
Econ	202	Principles of Macroeconomics	3
Math	105	Statistics	3
Liberal Arts		Liberal Arts Major/Minor Requirements	6-24

Junior Year

Dept.	Course No.	Course Title	Credits
Busn	315	Business Law I	3
Busn	320	Marketing	3
Busn	321	Business Management	3
Busn	351	Financial Management	3
Busn	370	Production/Operations Management	3
Liberal Arts		Liberal Arts Major/Minor Requirements	6-24

Senior Year

Dept.	Course No.	Course Title	Credits
Liberal Arts		Liberal Arts Major/Minor Requirements	6-32

Interdisciplinary Majors

The Department of Business, Accounting, and Economics, in partnership with other departments at Jamestown College, offers the following interdisciplinary majors:

1. Health and fitness administration major (For description and requirements, see the *Kinesiology* section of this catalog.)
2. Management information science major (For description and requirements, see the *Computer Science and Technology* section of this catalog.)

Requirements for the Accounting Minor

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
Acct	301	Intermediate of Accounting I	3
Acct	302	Intermediate of Accounting II	3
Acct	311	Cost/Managerial Accounting	4

Plus three of the following courses:

Acct	325	Governmental/Not-for-Profit Accounting	3
Acct	355	Income Tax 1	3
Acct	451	Auditing 1	3
Acct	457	Advanced Accounting	3
Acct/EE		Internship to be approved by dept.	3
Busn	315	Business Law I	3

Total Semester Credits Required for the Accounting Minor	25
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Requirements for the Business Administration Minor

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
Busn	315	Business Law I	3
Busn	320	Marketing	3
Econ	201	Principles of Microeconomics	3
Econ	202	Principles of Macroeconomics	3

Plus one of the following:

Busn	321	Business Management	3
Busn	322	Human Resource Management	3

Total Acct, Busn, and Econ Credits **21**

Plus one of the following:

CS	140	Integrated Software Applications	3
CS	240	Advanced Office Applications	
Math	105	Statistics	
Math	111	College Algebra	

Total CS or Math Credits **3**

**Total Semester Credits Required for the Minor
in Business Administration** **24**

Requirements for the Hospitality and Tourism Management Minor

Dept.	Course No.	Course Title	Credits
Busn	321	Business Management	3
Busn	322	Human Resource Management	3
Busn	325	Introduction to Hospitality and Tourism	3
Busn	415	Hotel and Restaurant Management	3
Busn	435	Travel and Tourism Management	3

Plus three of the following courses:

Busn	320	Marketing	3
Busn	330	Sales & Sales Management	3
Busn	470	Special Topics in Hospitality and Tourism	3
Busn/EE		Internship to be approved by dept.	3
Econ	201	Principles of Micro-Economics	3
Econ	354	Global Competition and Strategy*	3

* Course has other prerequisites. See catalog description.

**Total Semester Credits Required for the
Hospitality and Tourism Management Minor** **24**

Requirements for the Management Minor

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Busn	321	Business Management	3
Busn	322	Human Resource Management	3
Busn	330	Sales & Sales Management	3
Busn	351	Financial Management	3
Busn	370	Production/Operations Management	3

Plus two of the following courses:

Busn	315	Business Law I	3
Busn	455	Strategic Management	3
Busn/EE		Internship to be approved by dept.	3
Comm	370	Diversity Communication	3
Comm	405	Conflict Management and Mediation	3
Econ	201	Principles of Micro-Economics	3

**Total Semester Credits Required
for the Management Minor** **24**

Requirements for the Marketing Minor

Dept.	Course No.	Course Title	Credits
Busn	320	Marketing	3
Busn	410	Global Marketing	3
Busn	430	Advertising	3
Busn	480	Strategic Marketing	3

Plus one of the following two courses:

Busn	470	Special Topics in Marketing	3
Busn	475	Marketing Research	3

Plus three of the following courses:

Busn	322	Human Resource Management	3
Busn	325	Introduction to Hospitality and Tourism	3
Busn	435	Travel and Tourism Management	3
Busn/EE		Internship to be approved by dept.	3
Comm	305	Cross-Cultural Communication	3

**Total Semester Credits Required
for the Marketing Minor** **24**

Course Descriptions

ACCOUNTING (Acct)

201-3 Principles of Accounting I

A study of the basic principals of the accounting cycle with emphasis on current assets; property, plant, and equipment; and current liabilities. Concludes with an introduction to partnerships. *Fall and spring*

202-3 Principles of Accounting II

A continuation of Acct 201, with emphasis on corporations, reporting and analysis, and managerial accounting. Prerequisite: Acct 201. *Fall and spring*

301-3 Intermediate Accounting I

A study of financial reporting and statements, current assets and liabilities; property, plant, and equipment; intangibles; investments; and long-term receivables. Prerequisite: Acct 202. *Fall*

302-3 Intermediate Accounting II

A continuation of Intermediate Accounting I with study of long-term debt, equity, income recognition, the statement of cash flows, and accounting for income taxes, post-retirement benefits, leases, changes, and errors. Prerequisite: Acct 301. *Spring*

311-4 Cost/Managerial Accounting

This course examines various topics in cost and managerial accounting. It focuses on the examination and analysis of cost data for performance evaluation and decision-making. Special emphasis is placed on job order costing, process costing, standard costs, the budgeting process, cost-volume-profit analysis, variable costing, capital budgeting, and capital investment. Prerequisite: Acct 202. *Spring*

325-3 Governmental and Not-for-Profit Accounting

This course introduces the accounting procedures used for governmental and nonprofit organizations. Emphasis will be placed on the use of special funds for governmental units, hospitals, and colleges. Prerequisite: Acct 302. *Spring*

355-3 Income Tax Accounting I

A study of the current rules surrounding the federal income taxation of individuals. Prerequisite: Acct 202. *Fall*

356-3 Income Tax Accounting II

A continuation of Income Tax Accounting I, with study expanding to the current rules surrounding the federal income taxation of property, partnerships, corporations, gifts, and estates. Prerequisite: Acct 355. *Spring*

357-1-2 Tax Practicum: VITA

A practicum offering students the opportunity to prepare individual tax returns. The program is offered under the auspices of the Taxpayer Service Section of the Internal Revenue Service. Prerequisite: Acct 355. *Spring*

451-3 Auditing I

Approaches auditing by emphasizing an understanding of the entity and its environment, assessing business risks and focusing on business processes as they pertain to the audit functions of planning, performance and testing, and reporting. Integrated topics include professional ethics, legal liability, internal controls, and business information systems. Prerequisite: Acct 302. *Fall*

452-3 Auditing II/Senior Seminar

A continuation of Auditing I. Forensic auditing and accounting applications to audit examinations, including its legal environment, Sarbanes-Oxley Act, analytical procedures, interviewing and interrogating, financial statement fraud, employee and vendor fraud are explored. Includes case studies to cover concepts and theories learned in the study of accounting as a major. Prerequisite: Acct 302. *Fall*

457-3 Advanced Accounting

A course of specialized accounting procedures and reporting with emphasis on multi-corporate entities, multinational entities, and partnership. Prerequisite: Acct 302. *Fall*

BUSINESS (Busn)

301-1 Introduction to Financial Planning

This course provides an overview of personal and family financial planning. Students will be introduced to the financial planning profession and the financial planning process. Topics include professional financial planner certification requirements, planner-client relationship and communication, personal financial statement creation and analysis, risk tolerance, professional ethics, and time value of money concepts. *Fall*

305-3 Insurance Planning

This course involves a comprehensive study that addresses the use of insurance for personal risk management within the overall financial planning context. Students will examine basic insurance principles, specific coverages provided by life, health, disability, homeowners, and automobile insurance policies, and strategies for determining appropriate coverages for individuals. Prerequisite or corequisite: Busn 301 and junior or senior standing. *Fall*

310-3 Retirement and Benefits Planning

This course examines and analyzes various benefit programs and retirement planning vehicles. Topics include customer needs analysis; individual plan characteristics; and the distribution, reporting, and taxation requirements specific to each plan type. The course focuses on strategies for integrating retirement planning and benefits into a sound overall personal financial plan. Prerequisite: Busn 301. *Spring*

315-3 Business Law I

This course introduces students to some of the areas of law applicable to personal and organizational business decisions. Course content includes an introduction to law, court systems,

torts, contracts, personal property, bailments, and agency. *Fall*

316-3 Business Law II

This course is a continuation of Business Law I. Topics include contracts for the sale of goods, negotiable instruments, secured transactions, creditors' rights, bankruptcy, partnerships, and corporations. Prerequisite: Busn 315. *Spring*

320-3 Marketing

This course examines the fundamentals of the marketing of goods and services, with an emphasis on marketing management. Most of the course will focus on consumer behavior, product planning, the price system, market segmentation, and promotional activities, including public relations and personal selling. *Fall*

321-3 Business Management

This course examines the principles, procedures, and policies involved in the organization of business enterprises. Special attention is given to the main functional areas of management: planning, organizing, staffing, directing, controlling, and the coordination of these activities. *Fall*

322-3 Human Resource Management

This course approaches human resource management from the dual perspectives of both human resource department personnel and managers from other organizational departments. In addition to the various environmental dimensions that influence organizational decision making, the course examines the human resource functions within the context of equal employment opportunity requirements. The human resource functions addressed in the course include planning and staffing, development, compensation, health and safety, and labor relations. Junior or senior standing. *Spring*

325-3 Introduction to Hospitality and Tourism

This course introduces the basic principles and practices of management and marketing in the hospitality and tourism industries. Emphasis is placed on the significance of the economic and

social importance of these interrelated industries. Topics covered in the course include tourism management, restaurant and lodging management, convention and exposition management, meeting and event management, managed services, hospitality and tourism promotion, and resort and recreation management. *Fall*

330-3 Sales and Sales Management

This course examines the various facets of relationship strategy, personal selling, and the management of an organizational sales force. Major personal selling topics addressed in the course include types of selling, partnership building, communication, prospecting, sales presentation methods, sales closing, and post-sale service. Sales force management elements of the course include staffing, training, leading, compensating, motivating, and evaluating the sales force. Prerequisite: Junior or senior standing. *Spring*

351-3 Financial Management

This course focuses on managerial finance and its integration with the overall administration of the firm. Topics include financial statement analysis, working capital management, intermediate and long-term financing, securities valuation, capital budgeting, the cost of capital and capital structure management, and tax management of managerial financial affairs. Prerequisites: Acct 201, either Math 111, or a higher level math course. Junior or senior standing. *Fall and spring*

370-3 Production/Operations Management

This course examines and analyzes the planning, directing, and controlling of activities related to production and manufacturing. Topics include production planning and control, site location, facilities design, work methods measurement and improvement, inventory procurement and management, quality control and assurance, basic industrial processes, and operations decision-making. Prerequisite or corequisite: Busn 321. *Fall*

380-3 Entrepreneurship and Small Business Management

This course examines the process of development and growth of a business. Topics include resource gathering, business plan development, innovation and creativity in growing a business, risk evaluation, and leadership skills. Discussed in detail is both theory and practical application of the small business principles necessary for the operation of a successful small business, including effective human resource management. Students will be required to write a business plan. *Summer only*

410-3 Global Marketing

This course exposes students to marketing in a global context. The course examines the impact of differing cultural, economic, and political environments on marketing strategies and marketing management abroad. Topics covered in the course include the importance of international marketing to American business and the marketing procedures, techniques, and strategies that are used by multinational firms in foreign markets. Prerequisite: Busn 320. *Spring*

415-3 Hotel and Restaurant Management

This course involves the application of management principles and practices to hotel, restaurant, and other lodging and food service operations. Topics covered in the course include room division operations and reservations; housekeeping, maintenance, and security management; restaurant operations; food and beverage management; and food service marketing. Prerequisite: Busn 325. *Spring*

430-3 Advertising

This course examines and analyzes integrated marketing communications, brand advertising, and media selection. General topics covered include consumer behavior, sales promotion, publicity, and public relations. Emphasis will be placed on the creation of a promotional campaign and its impact on the consumer decision-making process. Prerequisite: Busn 320. *Fall*

435-3 Travel and Tourism Management

This course examines the management principles and practices of the travel and tourism industry. Emphasis is placed on the economic and global dimensions of travel and tourism. Topics covered in the course include airline, rail, cruise, and motor coach services; travel agencies and tour operators; food and lodging services; the amusement park industry; and tourism as economic development. Sustainable tourism development and ecotourism are also discussed. Prerequisite: Busn 325. *Spring*

440-3 Investments

This course provides an introduction to financial markets and the fundamentals of securities valuation and selection in an efficient-markets context. The course integrates fundamental investment concepts and principles within the overall financial planning process. The course covers standard investments, tools of risk management, and practical applications. Prerequisites: Busn 301 and junior or senior standing. *Fall*

450-3 Estate Planning

This course examines estate planning and its various components within the context of the comprehensive financial planning process. Approaching estate planning from the perspective of the financial planner, the focus of the course is on developing student skills for analyzing client needs and for designing comprehensive and integrated estate plans. Specific estate planning components addressed in the course include property ownership methods, wills, trusts, insurance, annuities, charitable gifts, and estate taxation. Prerequisites: Busn 301 and Acct 355. *Spring*

451-1 Senior Financial Planning Colloquium

This is a capstone course that involves a comprehensive integration of the principles and concepts developed in the other courses comprising the financial planning curricula. Students will engage in a simulation in which they assume the role of financial planners who develop a comprehensive written financial

plan for a client. Prerequisites or corequisites: Busn 305, Busn 310, Busn 440, Busn 450, and graduating senior. *Spring*

455-3 Strategic Management

This is a capstone course that is designed to integrate and apply knowledge from the various business functional areas for the purpose of formulating and implementing corporate strategy at the upper levels of management. Prerequisites: Busn 320, Busn 321 or Busn 380, Busn 351, and graduating senior. *Spring*

470-3 Special Topics (Hospitality/Tourism, Marketing, Management)

A wide-ranging examination of selected contemporary topic areas in hospitality and tourism, marketing, and management. Topics may include hospitality/tourism marketing, new product introduction, consumer behavior, non-profit marketing, e-marketing, direct marketing, e-commerce, entrepreneurship/small business management, and international business. The specific area to be addressed will be determined by student demand as well as current relevancy of the topic. Pre- or Co-requisite: Busn 325 for Special Topics in Hospitality and Tourism; Busn 320 for Special Topics in Marketing; Busn 321 or Busn 380 for Special Topics in Management. *Fall, odd years*

475-3 Marketing Research

This course examines the tools and techniques employed in marketing research and the types of problems for which they are used. Various research design methods will be studied as well as data collection, methods selection, data analysis and interpretation, and the communication of results. Prerequisites: Busn 320 and Math 105. *Fall, even years*

480-3 Strategic Marketing

This is a capstone course that is designed to integrate and apply the principles and concepts developed in the other courses comprising the concentration in marketing. The course requires students to develop a comprehensive

and integrated marketing plan for both for-profit and non-profit organizations. Prerequisites or corequisites: Busn 410, Busn 430, Busn 475, and graduating senior. *Spring*

ECONOMICS (Econ)

110-2 Elements of Economics

(For non-accounting/business/management information science/financial planning and wealth management/health and fitness administration majors) This course provides an introduction to fundamental economic topics and principles and the ways in which they influence personal and organizational decision making. *Fall and spring*

201-3 Principles of Microeconomics

This course serves as an introduction to the principles of microeconomic analysis. The course examines the behavior of consumers, firms, and resource owners and the manner in which they interact to determine prices and outputs under a variety of market structures. Recommended prior to enrollment: Math 111 or higher level math course. *Fall*

202-3 Principles of Macroeconomics

This course serves as an introduction to the principles of macroeconomic analysis, which deals with the study of general economic aggregates such as total production, real income, employment, and the general price level in the economy as a whole. This course defines the relevant macroeconomic variables, examines their interrelationships, and analyzes the forces at work in the modern economy that determines the levels of these variables. The course also examines questions relating to government use of various policy instruments in attempts to achieve goals relating to full employment and price level stability. Recommended prior to enrollment: Math 111 or higher level math course. *Spring*

309-3 Global Financial Markets

This course includes a study of the structure and function of domestic and global financial markets, including the role of money, the behavior of

interest rates, commercial banking, the Federal Reserve, and the impact of monetary policy on economic outcomes. The primary focus of this course is an understanding of the role of money and monetary policy affecting macroeconomic outcomes in domestic and international markets. Prerequisites: Econ 202. *Spring*

314-3 History of Economic Thought

This course examines the origins of the discipline of economics, the ideas of important economists from Adam Smith to J.M. Keynes to contemporary theorists, and the evolution of economic concepts and their impact. *Offered when circumstances permit*

352-3 Intermediate Microeconomic Theory

This course examines the theory of consumption, product pricing, and resource allocation in a market economy. Prerequisites: Econ 201 and Econ 202. *Offered when circumstances permit*

353-3 Intermediate Macroeconomic Theory

This course examines the theory of national income and employment, analysis of aggregate demand, income, prices, and the role of fiscal and monetary policy in promoting economic stability and growth. Prerequisites: Econ 201 and Econ 202. *Offered when circumstances permit*

354-3 Global Competition and Strategy

This course introduces general international business concepts and expands to include the dynamics of globalization, international trade and competition, and their implications for competitive business strategy. Also addressed will be governmental trade policy, strategic options for entry in foreign markets, and the interdependence of global competition, trade, and the international monetary system. Prerequisites: Econ 201 and Econ 202; Math 105. *Fall*

364-3 International Economics

This course provides the foundation for understanding international trade, the international monetary system, and the functioning of an open macroeconomy. The course examines various theories of trade and

explores topics relating to the political economy of trade policy. In addition, the course deals with the balances of payments, the basic functioning of the foreign exchange market, the theories and realities of exchange-rate determination, and the relationships between exchange rates, money, interest rates, price levels, and output in an open macroeconomy. Prerequisite: Econ 354. *Spring, even years*

391-3 American Economic History

This course is an examination of the history of economic development in America from colonial times to the present. Emphasis is placed on the development of the major agricultural, commercial, financial, industrial, and transportation enterprises in the United States. Same as Hist 391.

460-3 Special Topics in Economics

This course is a wide-ranging examination of contemporary economic subject areas, including managerial economics, decision theory, economics of organizational strategy, environmental economics, natural resource economics, and industrial organization. The specific subject area to be addressed will be determined by student demand as well as current relevancy of the topic. Prerequisite or corequisite: Econ 352. *Offered when circumstances permit*

OTHER COURSES: Acct, Busn, Econ

190-1-3 Special Topics

200-1-4 Directed Studies

290-1-3 Special Topics

300-1-4 Directed Studies

390-1-3 Special Topics

400-1-4 Directed Studies

490-1-3 Special Topics

495-1-4 Independent Study

350-1-8 Internship

A practicum designed to help familiarize the student with the world of work that will be encountered when leaving the college environment. Work sites are arranged that will provide experience and/or occupational exposure opportunities with local employers. Integrated classroom study is designed to promote career and

personal development by providing supervised practical experience in educational, vocational, and cultural learning situations outside the formal classroom environment. *Fall and spring*

490-4 Community Alliance for Management Consulting (CAMC)

The Community Alliance for Management Consulting program (CAMC) is a unique and innovative partnership between the Center for Excellence in Business and community economic and workforce development organizations, the Jamestown Chamber of Commerce, and various businesses and not-for-profit organizations. The program enables juniors and seniors, who work in supervised student teams, to provide consulting services to business firms and other organizations in the areas of business planning, marketing research, advertising and promotions, information systems, accounting and finance, and human resources. The CAMC program provides a unique opportunity for obtaining actual consulting and decision-making experience in an operating company. *Fall and spring*

Chemistry

Professor Amaro; Associate Professor Steffan (chair); Assistant Professor Ault

Mission Statement

The mission of the Chemistry Department at Jamestown College is to provide a strong chemistry foundation for students majoring in chemistry and for students pursuing a career in health professions which require some chemistry knowledge and to help provide a strong science background for students pursuing teaching careers.

The student may elect one of three possible majors in chemistry. For the student interested in pursuing graduate work in chemistry or an industrial or government job, the chemistry major may be chosen. Students interested in the health professions or biochemistry may choose the biochemistry major.

Students interested in pursuing a secondary education teaching career may choose the composite science education major with an emphasis in chemistry.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Requirements for the Chemistry Major

Dept.	Course No.	Course Title	Credits
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4
Chem	253	Chemical Methods of Analysis	3
Chem	343	Organic Chemistry I	4
Chem	344	Organic Chemistry II	4
Chem	354	Instrumental Methods of Analysis	3
Chem	373	Inorganic Chemistry I	3
Chem	374	Inorganic Chemistry II	3
Chem	413	Biochemistry I	3
Chem	423	Chemical Thermodynamics	3
Chem	424	Chemical Dynamics & Quantum Mechanics	3
Chem	493*	Seminar I	1
Chem	494*	Seminar II	1
Math	151	Calculus I	4
Math	152	Calculus II	4
Math	203	Physics I	5
Math	204	Physics II	5
Semester Credits			57

Plus three of the following courses:

Dept.	Course No.	Course Title	Credits
Chem	431	Advanced Lab I	1
Chem	432	Advanced Lab II	1
Chem	433	Advanced Lab III	1
Chem	434	Advanced Lab IV	1
Semester Credits			3

Plus one of the following courses:

Dept.	Course No.	Course Title	Credits
Math	105	Statistics	3
Math	253	Calculus III	4
Math	315	Linear Algebra	3
Math	352	Ordinary Differential Equations	3
Semester Credits			3 or 4
Total Semester Credits			62* or 64

Requirements for the Composite Science Education Major with a Chemistry Emphasis.*

Dept.	Course No.	Course Title	Credits
Biol	150	Introduction to Biology I	4
Biol	151	Introduction to Biology II	4
Biol	310	Ecology	5
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4
Chem	253	Chemical Methods of Analysis	3
Chem	343	Organic Chemistry I	4
Chem	362	Geochemistry I	3
Chem	363	Geochemistry II	3
Chem	373	Inorganic I	3
Chem	385	Chemical Laboratory Management	2
Chem	431	Advanced Lab I	1
Math	105	Statistics	3
Math	151	Calculus I	4
Math	152	Calculus II	4
Math	203	Physics I	5
Math	204	Physics II	5
Semester Credits			61

Plus five credits from the following courses:

Dept.	Course No.	Course Title	Credit
Chem	344	Organic Chemistry II	4
Chem	354	Instrumental Methods of Analysis	3
Chem	374	Inorganic Chemistry II	3
Chem	423	Chemical Thermodynamics	3
Chem	424	Chemical Dynamics & Quantum Mechanics	3
Chem	433	Advanced Lab III	1
Chem	434	Advanced Lab IV	1
Semester Credits			5

Plus one of the following courses:

Dept.	Course No.	Course Title	Credit
Chem	423	Chemical Thermodynamics	3
Math	305	Engineering Statistics	3
Semester Credits			3

Total Semester Credits **69**

*Note that the student will need to consult with a member of the Teacher Education Department regarding coursework in education.

Suggested Course Sequence for the Chemistry Major

Freshman Year

Dept.	Course No.	Course Title	Credits
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4
Math	151	Calculus I	4
Math	152	Calculus II	4

Sophomore Year

Dept.	Course No.	Course Title	Credits
Chem	343	Organic Chemistry I	4
Chem	344	Organic Chemistry II	4

Math	203	Physics I	5
Math	204	Physics II	5

Junior Year

Dept.	Course No.	Course Title	Credits
Chem	253	Chemical Methods of Analysis	3
Chem	354	Instrumental Methods of Analysis	3
Chem	413	Biochemistry I	3
Chem	431	and/or Advanced Lab I	1 or 2
Chem	432	Advanced Lab II	

Plus one of the following courses:

Dept.	Course No.	Course Title	Credits
Math	105	Statistics (Education majors only)	3
Math	253	Calculus III	4
Math	315	Linear Algebra	3
Math	352	Ordinary Differential Equations	3

Senior Year

Dept.	Course No.	Course Title	Credits
Chem	373	Inorganic Chemistry I	3
Chem	374	Inorganic Chemistry II	3
Chem	423	Chemical Thermodynamics	3
Chem	424	Chemical Dynamics & Quantum Mechanics	3
Chem	493	Seminar I	1
Chem	494	Seminar II	1
Chem	433	and/or Advanced Lab III	1 or 2
Chem	434	Advanced Lab IV	

Suggested Course Sequence for the Biochemistry Major

Freshman Year

Dept.	Course No.	Course Title	Credits
Biol	150	Introduction to Biology I	4
Biol	151	Introduction to Biology II	4
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4

Sophomore Year

Dept.	Course No.	Course Title	Credits
Biol	216	Microbiology	4
Chem	343	Organic Chemistry I	4
Chem	344	Organic Chemistry II	4
Math	151	Calculus I	4
Math	152	Calculus II	4

Junior Year

Dept.	Course No.	Course Title	Credits
Biol	305	Cell Biology	5
Biol	430	Genetics	5
Chem	253	or Chemical Methods of Analysis	3**
Chem	354	Instrumental Methods of Analysis	3**
Chem	413	Biochemistry I	3
Chem	414	Biochemistry II	3
Math	203	Physics I	5
Math	204	Physics II	5
Chem	431	or Advanced Lab I	1
Chem	432	Advanced Lab II	

Chemistry

Senior Year

Dept.	Course No.	Course Title	Credits
Biol	412	Molecular Biology	4*
Chem	345 or	Toxicology	3*
Chem	423	Chemical Thermodynamics	3
Chem	433 or	Advanced Lab III	1
Chem	434 or	Advanced Lab IV	1
Chem	493	Seminar I	1
Chem	494	Seminar II	1

*One of these courses needs to be taken.

**One of these courses needs to be taken.

Suggested Course Sequence for the Composite Science Education Major with Chemistry Emphasis

Freshman Year

Dept.	Course No.	Course Title	Credits
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4
Math	151	Calculus I	4
Math	152	Calculus II	4

Sophomore Year

Dept.	Course No.	Course Title	Credits
Biol	150	Introduction to Biology I	4
Biol	151	Introduction to Biology II	4
Chem	343	Organic Chemistry I	4
Chem	344	Organic Chemistry II	4
Math	203	Physics I	5
Math	204	Physics II	5

Junior Year

Dept.	Course No.	Course Title	Credits
Chem	362	Geochemistry I	3
Chem	373	Inorganic Chemistry I	3
Chem	374	Inorganic Chemistry II	3
Biol	310 or	Ecology	5
Chem	423 or	Chemical Thermodynamics	3
Chem	424 or	Chemical Dynamics & Quantum Mechanics	3
Chem	433 or	Advanced Lab III	1
Chem	434 or	Advanced Lab IV	1

Senior Year

Dept.	Course No.	Course Title	Credits
Chem	253	Chemistry Methods of Analysis	3
Chem	363	Geochemistry II	3
Chem	431	Advanced Lab I	1
Chem	354 or	Instrumental Methods of Analysis	3
Math	305 or	Engineering Statics	3
Math	306 or	Engineering Dynamics	3

Requirements for the Chemistry Minor

Dept.	Course No.	Course Title	Credits
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4
Chem	343	Organic Chemistry I	4
Chem	344	Organic Chemistry II	4
Chem		Two electives chosen from two different areas of chemistry*	6
Total Semester Credits			22

*(analytical, inorganic, organic, physical, biochemistry)

Course Descriptions

(Chem)

Laboratories must be taken concurrently with the lecture courses but are graded separately.

105-4 Experimental Chemistry (Lec/Lab)

Survey of chemical concepts using an experimental and “hands-on” approach. Acids and bases, states of matter, reduction/oxidation chemistry, elements of organic chemistry, structure of the atom, nuclear chemistry, energy and environmental chemistry will be covered. Not for major or minor credit. Counts towards general education lab science requirements. 4/0 credits. *Spring, odd years.*

113-4 Food, Chemistry, and You (Lec/Lab)

The course is a study of chemical concepts as applied to food. To gain a deeper understanding of why food is a unique chemical system, the study of carbohydrates, proteins, lipids, vitamins, antioxidants, and additives will be covered. This course will also examine such topics as food processing, food and health, and current food controversies. Not for chemistry major or minor credit. 3/1 credits. *Fall, odd years*

114-4 General, Organic, and Biological Chemistry (Lec/Lab)

An overview of principles of general, organic, and biological chemistry relevant to health-related fields. This course is designed to prepare students in health-related majors such as nursing and radiologic technology for subsequent courses in biology and professional classes. Not for chemistry major or minor credit. College algebra highly recommended. 3/1 credits. *Spring*

133-4 General Chemistry I (Lec/Lab)

An introduction to chemistry including a study of stoichiometry, gas laws, and colligative properties. A detailed look at atomic and molecular structure and their influence on chemical and physical properties. Prerequisites: One year of high school chemistry and two years of high school algebra. 3/1 credits. *Fall*

134-4 General Chemistry II (Lec/Lab)

An introduction to thermodynamics, equilibria, electrochemistry, and kinetics. A study of the inorganic chemistry of the elements as well as an introduction to organic chemistry. Prerequisite: Chem 133. 3/1 credits. *Spring*

253-3 Chemical Methods of Analysis (Lec)

A study of wet chemical techniques. Both qualitative and quantitative analytical methods will be discussed. Data analysis and treatment in relation to quantitative chemical analysis will be covered. Prerequisite: Chem 134. 3/1 credits. *Fall, even years*

343-4 Organic Chemistry I (Lec/Lab)

The course is an in-depth study of the structure and reactivity of organic compounds with an emphasis on mechanisms to explain reactivity. The topics covered include acid-base chemistry, alkanes/cycloalkanes, stereochemistry, alkenes, alkyl halides, radical reactions, nucleophilic substitution reactions and elimination reactions. Prerequisite: Chem 134. 3/1 credits. *Fall*

344-4 Organic Chemistry II (Lec/Lab)

This course applies the fundamentals learned in Chem 343 to study the chemistry of functional

groups. Spectroscopic techniques are introduced and used to elucidate organic structure. Prerequisite: Chem 343. 3/1 credits. *Spring*

345-3 Toxicology (Lec)

A study of fundamental topics in toxicology including dose-response relationships, factors affecting metabolism and disposition, toxic response to foreign compounds, and biochemical mechanisms of toxicity. Prerequisite: Chem 344. *Fall, odd years*

354-3 Instrumental Methods of Analysis (Lec)

A study of instrumental methods of analysis, including electrochemical, chromatographic, spectroscopic and radiochemical methods. Prerequisites: Chem 134 and Math 151. *Spring, odd years*

362-3 Introduction to Geochemistry I (Lec)

A study of the chemistry governing geological phenomena. Chemical aspects concerning the composition and formation of rocks and minerals will be discussed. Thermodynamics, chemical equilibria, phase equilibria, crystallography will be covered. Element distribution and isotope geology will be discussed. Prerequisites: Chem 134 and Math 151. *Spring, odd years*

363-3 Introduction to Geochemistry II (Lec)

A study of the chemistry governing geological phenomena. Thermodynamics and chemical equilibria will be covered. Aquatic chemistry and organic geochemistry will be discussed. Prerequisites: Chem 134 and Math 151. *Fall, odd years*

373-3 Inorganic Chemistry I (Lec)

A survey of modern inorganic chemistry, including a study of molecular symmetry and structure, molecular orbital theory, acids and bases, solid state chemistry, and an introduction to d-metal complexes. Prerequisites: Chem 134 and Math 152. *Fall, odd years*

374-3 Inorganic Chemistry II (Lec)

A study of the chemical and physical properties of the elements. A continuation of the study of the chemistry of d-metal complexes. Prerequisite: Chem 373. *Spring, even years*

385-2 Chemistry Laboratory Management (Lec)

The student will learn about current safety practices for the chemistry lab and procedures for ordering, storage, and disposal of laboratory chemicals. The student will assist in teaching a laboratory section of an introductory chemistry course with lab and gain experience in presenting laboratory lectures, preparing laboratory experiments, and grading assignments. Prerequisite: Chem 343 and permission. *Fall or Spring*

413-3 Biochemistry I (Lec)

The study of the important classes of biomolecules as well as enzymes and enzyme function. Prerequisite: Chem 344. *Fall, even years*

414-3 Biochemistry II (Lec)

The study of intermediary metabolism and the synthesis and breakdown of small biomolecules. Prerequisite: Chem 413. *Spring, odd years*

423-3 Chemical Thermodynamics (Lec)

A detailed mathematical study of thermodynamics as it applies to chemistry. Topics will include state functions and equations of state, chemical equilibria, phase equilibria, and electrochemistry. Statistical mechanics will be introduced in terms of its relation to thermodynamics. Prerequisites: Chem 344, Math 152, and Math 203. 3 credits. *Fall, odd years*

424-3 Chemical Dynamics and Quantum Mechanics (Lec)

A study of molecular dynamics and quantum mechanics. Topics in molecular dynamics will include kinetic molecular theory, reaction kinetics, and transport properties. Topics in quantum mechanics will include atomic structure, molecular structure, and spectroscopy. Prerequisites: Chem 423 and Math 204. 3 credits. *Spring, even years*

431-1 Advanced Lab I

Chemical and instrumental laboratory experience involving environmental chemistry, geochemistry, analytical chemistry and inorganic chemistry. Prerequisite: Chem 363, or Corequisite Chem 363 or Chem 253. *Fall, even years*

432-1 Advanced Lab II

Chemical and instrumental laboratory experience involving organic chemistry and biochemistry. Prerequisite: Chem 413. *Spring, odd years*

433-1 Advanced Lab III

Chemical and instrumental laboratory experience involving analytical chemistry and physical chemistry. Corequisite Chem 423. *Fall, odd years*

432-1 Advanced Lab IV

Chemical and instrumental laboratory experience involving physical and inorganic chemistry. Prerequisite: Chem 423 and Chem 373. *Spring, even years*

493-1 Seminar I

An introduction to chemical research and

scientific communication. Prerequisite: Senior chemistry or biochemistry major or chemistry minor. *Fall*

494-1 Seminar II

A continuation of Chem 493 culminating in the presentation of the project to the campus community. Prerequisite: Chem 493 or successful participation in a research program (such as a summer undergraduate research experience) and permission of the chair. *Fall and spring*

OTHER COURSES: Chemistry

190-1-3 Special Topics

200-3-4 Directed Studies

290-1-3 Special Topics

300-3-4 Directed Studies

390-1-3 Special Topics

400-3-4 Directed Studies

490-1-3 Special Topics

(by arrangement)

495-2-3 Independent Study, Research

Original research in some area of chemistry under the direction of a faculty member of the department. *Fall and spring*

Communication

Professor Paasch (chair); Assistant Professors Creasy and Listopad

Mission Statement

The Communication Department at Jamestown College is designed as part of an undergraduate liberal arts education that provides students with theoretical and practical life experiences in all aspects of human communication and mass communication. The mission of this program is to provide students with a solid understanding of the communication discipline and its relevance to their lives; to prepare students for further education, career, and life beyond Jamestown College; and to teach critical thinking skills that will assist them in all life-long learning. The program is dedicated to students' needs and continued revisions and improvements based on regular and thorough assessment of students, faculty, and courses.

There are two communication majors: mass communication with convergent journalism or strategic communication concentrations and communication with either cross-cultural, human resource management or organizational concentrations.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Requirements for the Communication Major with the Cross-Cultural Concentration

Dept.	Course No.	Course Title	Credits
Comm	101	Introduction to Communication Studies	3
Comm	301	Communication Theory (Capstone 1)	3
Comm	305	Cross-Cultural Communication	3
Comm	320	Organizational Communication	3
Comm	360	Nonverbal Communication	3
Comm	370	Gender/Diversity Communication	3
Comm	401	Practicum/Internship in Communication	3
Comm	410	Communication Research Methods (Capstone 2) Prerequisite: Comm 301; Math 105 (Fall semester of senior year)	3
Flan		Intermediate-level Foreign Language (201 or higher)*	6
Rel	371	World Religions	3
Semester Credits			33

Plus three of the following courses:

Dept.	Course No.	Course Title	Credits
Art	312	Comparative Art Forms: East and West	3
Comm	201	Oral Interpretation	3
Comm	220	Interpersonal Communication	3
Comm	317	Politics, Mass Media, and Persuasion	3
Comm	340	Film Analysis	3
Comm	350	Health Communication	3
Comm	390	Special Topics (Small Group)	3
Comm	405	Conflict Management	3
CS	232	Presentation and Publishing Software	3
Engl	313	Creative Writing	3
Engl	340	Advanced Creative Writing — Poetry	3
Engl	341	Advanced Creative Writing — Fiction	3
Engl	342	Advanced Creative Writing — Creative Non-Fiction	3
Engl	370	Images of Woman in Literature	3
Engl	414	Advanced Multi-Genre Writing	3

Hist	222	History of the Middle East	3
Hist	262	History of China	3
Hist	271	Modern Japan	3
Hist	328	Modern Russia	3
Pols	331	Soviet and Post-Soviet Politics	3
Pols	342	American Foreign Policy	3
Soc	121	Anthropology of the Near East	3
Semester Credits			9
Total Semester Credits			42

*For students whose native language is not English, the language co-requirement can be filled by taking six credits of English courses beyond Engl 101 or 102

Requirements for the Communication Major with the Human Resource Management Concentration

Dept.	Course No.	Course Title	Credits
Comm	220	Interpersonal Communication	3
Comm	305	Cross-Cultural Communication	3
Comm	310	Public Relations Campaigns	3
Comm/Engl	312	Business and Professional Communication	3
Comm	320	Organizational Communication (Training Component for HR)	3
Comm	360	Nonverbal Communication	3
Comm	370	Gender/Diversity Communication	3
Comm	390	Special Topics (Small Group)	3
Comm	401	Practicum/Internship in Communication	3
Comm	405	Conflict Management	3
Semester Credits			30

Plus the following Business courses:

Dept.	Course No.	Course Title	Credits
Busn	315	Business Law	3
Busn	320	Marketing	3
Busn	321	Business Management	3
Busn	322	Human Resource Management	3
Semester Credits			12
Total Semester Credits			42

*For students whose native language is not English, the language co-requirement can be filled by taking six credits of English courses beyond Engl 101 or 102

Requirements for the Communication Major with the Organizational Concentration

Dept.	Course No.	Course Title	Credits
Comm	101	Introduction to Communication Studies	3
Comm	220	Interpersonal Communication	3
Comm	301	Communication Theory (Capstone 1)	3
Comm	305	Cross-Cultural Communication	3
Comm	320	Organizational Communication	3
Comm	360	Nonverbal Communication	3
Comm	370	Gender/Diversity Communication	3
Comm	390	Special Topics (Small Group)	3
Comm	401	Practicum/Internship in Communication	3
Comm	410	Communication Research Methods (Capstone 2)	3
Prerequisite: Comm 301; Math 105 (Fall semester of senior year)			
Semester Credits			30

Communication

Plus three classes from the following:

Dept.	Course No.	Course Title	Credits
Busn	320	Marketing	3
Comm	201	Oral Interpretation	3
Comm/Engl	312	Business and Professional Communication	3
Comm	317	Politics, Mass Media, and Persuasion	3
Comm	340	Film Analysis	3
Comm	350	Health Communication	3
Comm	405	Conflict Management	3
CS	232	Presentation and Publishing Software	3
CS	251	Graphics Development	3
Engl	313	Creative Writing	3
Engl	414	Advanced Multi-Genre Writing	3
Semester Credits			9
Total Semester Credits			39

Requirements for the Mass Communication Major with the Convergent Journalism Concentration

General Education requirements include

Dept.	Course No.	Course Title	Credits
CS	232	Presentation and Publishing Software	3
Math	105	Statistics	3

Major Courses

Dept.	Course No.	Course Title	Credits
Comm	101	Introduction to Communication Studies	3
Comm	112	Understanding the Media	3
Comm	215	Introduction to Media Writing	3
Comm	217	Editorial Processes	3
Comm	225	Broadcast Production	3
Comm	304	Mass Communication Theory	3
Comm	305	Cross-Cultural Communication	3
Comm	315	Advanced Media Writing (option A or B)	3
Comm	401	Internship/Practicum in Mass Communication	3
Comm	410	Communication Research Methods Prerequisite: Comm 301, Math 105 (fall semester of senior year)	3
Comm	425	Communication Ethics and Law	3
CS	251	Graphics Development	3
Semester Credits			36

Plus two classes from the following courses:

Dept.	Course No.	Course Title	Credits
Art	300	Photography	3
Art	399	Photography II	3
Comm	335	Documentary Filmmaking	3
CS	351	Web Development II	3
Engl	313	Creative Writing	3
Engl	341	Advanced Creative Writing – Fiction	3
Engl	342	Advanced Creative Writing – Non-Fiction	3
Semester Credits			6

Dept.	Course No.	Course Title	Credits
Comm		Communication Upper Division (300/400) Electives	9
Semester Credits			9
Total Semester Credits			51

Requirements for Mass Communication Major with Strategic Communication Concentration

General Education requirements include

Dept.	Course No.	Course Title	Credits
CS	232	Presentation and Publishing Software	3
Math	105	Statistics	3

Major Courses

Dept.	Course No.	Course Title	Credits
Busn	320	Marketing	3
Busn	430	Advertising	3
Comm	101	Introduction to Communication Studies	3
Comm	112	Understanding the Media	3
Comm	210	Principles of Public Relations	3
Comm	215	Introduction to Media Writing	3
Comm	304	Mass Communication Theory	3
Comm	305	Cross-Cultural Communication	3
Comm	310	Public Relations Campaigns	3
Comm	315	Advanced Media Writing (option A or B)	3
Comm	401	Internship/Practicum in Mass Communication	3
Comm	410	Communication Research Methods Prerequisite: Comm 301, Math 105 (fall semester of senior year)	3
Comm	425	Communication Ethics and Law	3
Comm	430	Strategic Communication	3
Semester Credits			42

Plus one of the following courses:

Dept.	Course No.	Course Title	Credits
Art	300	Photography	3
Comm	217	Editorial Processes	3
Comm	220	Interpersonal Communication	3
Comm	225	Broadcast Production	3
Comm/Engl	312	Business and Professional Communication	3
Comm	335	Documentary Filmmaking	3
CS	251	Graphics Development	3
CS	351	Web Development II	3
CS	425	Telecommunications and Data Networks	3
Semester Credits			3

Dept.	Course No.	Course Title	Credits
Comm		Communication Upper Division (300 or 400) electives	6
Semester Credits			6
Total Semester Credits			51

Requirements for the Communication Minor: Mass Communication

Dept.	Course No.	Course Title	Credits
Comm	112	Understanding the Media	3
Comm	215	Introduction to Media Writing	3
Comm	301 or 304	Communication Theory	3
Comm	304	Mass Communication Theory	3
Comm	315A or 315B	Advanced Media Writing A: Convergent Journalism	3
Comm	315B	Advanced Media Writing B: Advertising & Public Relations	3
Comm	425	Communication Ethics and Law	3
Comm		Communication Elective or Internship	3

Comm	Communication Elective	3
Total Semester Credits		21

Requirements for the Communication Minor: Generalist Track

Dept.	Course No.	Course Title	Credits
Comm	101	Introduction to Communication Studies	3
Comm	220	Interpersonal Communication	3
Comm	301	Communication Theory (Capstone 1)	3
Comm	305	Cross-Cultural Communication	3
Comm	360	Nonverbal Communication	3
Comm	370	Gender/Diversity Communication	3
Total Semester Credits			18

Course Descriptions

(Comm)

101-3 Introduction to Communication Studies

Introduction to the key concepts, terms, and theories used in analyzing human communication in a variety of contexts. *Fall*

102-3 Fundamentals of Public Speaking

This course covers intelligibility, volume, projection, and vocal variety; it also deals with presence and interview techniques.

112-3 Understanding the Media

An introductory course that surveys the history, economics, technology, evolution, ethics, and law of the mass media, as well as their ability to shape and be shaped by culture and society around the world. *Fall*

201-3 Oral Interpretation of Literature

Develops effectiveness in personal expression and abilities through study and practice of oral interpretation of various types of literature such as poetry, diaries, letters, autobiographies, essays, short stories, novels, and drama.

210-3 Principles of Public Relations

This course is an introduction to the history, functions, messages, research methods, ethics and laws of public relations. Particular attention will be given to the ways of gaining public support for an activity, cause, movement, or institution. *Fall*

215-3 Introduction to Media Writing

Instruction and coaching in the fundamentals of writing for the media, including journalistic, public relations, and advertising writing for print, broadcast and the web. Prerequisite: Engl 101.

217-3 Editorial Processes

A survey of the responsibilities and skills required of editors and producers including copy-editing, headline and caption writing, story planning and assigning, page design for news print, and coaching writers. Prerequisite: Comm 215. *Fall, every other year*

220-3 Interpersonal Communication

Introduces students to the complex interaction of social and psychological forces that have an impact on human relationships. This course will introduce students to theoretical bases of interpersonal communication as well as provide a focus on pragmatic skills for improved interpersonal communication competence.

225-3 Broadcast Production

Students learn and train in a professional broadcast media environment that includes radio, television, and new media. Students will learn basic video and audio news production, commercial production, video and graphics editing, and live broadcast production. Prerequisite: Com 215 and CS 232. *Fall*

301-3 Communication Theory

Introduces students to the concepts and function of theory in social science and in the communication discipline. Students will be exposed to several social scientific paradigms and will examine a

variety of theories relevant to areas such as mass communication, organizational communication, small group communication, message production, and social and cultural reality. Prerequisite: Comm 101.

304-3 Mass Communication Theory

Survey of social scientific, interpretive, and cultural critical theories used in mass media research and criticism. *Spring*

305-3 Cross-Cultural Communication

A fundamental course in the theoretical and practical aspects of intercultural communication. The course includes the following components: a) an introduction to the relationships among customs, language, and etiquette; b) skill-building exercises aimed at developing sensitivity to differences in behaviors in other cultures; c) techniques for bridging cross-cultural communication barriers; d) case studies and profiles of specific cultures and countries.

310-3 Public Relations Campaigns

This course explores various types of public relations campaigns. Students will research, strategize, and craft messages for the individual needs of clients. Prerequisite: Comm 215. *Spring*

312-3 Business and Professional Communication

Study and practice of writing techniques and forms commonly used in business and the professions. Prerequisites: Engl 102 or permission. Same as Engl 312. *Spring, even years*

315-3 Advanced Media Writing

Students can choose from two options.
Option A: Convergent Journalism: This section focuses on advanced methods of researching, reporting, and writing across media platforms. Students will write news, sports, features, opinion, and investigative and literary journalism for newspapers, magazines, television, radio, and the Internet.

Option B: Public Relations and Advertising: This section focuses on advanced methods of public relations and advertising research, planning, and writing across media platforms. Students will create print, audio and video news releases, public

service announcements, media kits, advertising copy, back grounders, and fact sheets, as well as write speeches and conduct press conferences. Prerequisite: Comm 215. *Spring*

317-3 Politics, Mass Media and Persuasion

Analysis of how mass media and persuasion are used by and have an impact on the United States political system. Emphasis on persuasive arguments, commercials, and pamphlets used in the political process.

320-3 Organizational Communication

Theory and practice of effective communication within organizations. Examines organizational structures and functions of communication theories and skills.

325-3 Broadcast and New Media Technology

This course is about the operation and strategy of electronic media organizations and their futures. We will provide an overview of the significant public media systems: broadcasting, satellites, cable, telecommunication, and the Internet. *Spring, every other year.*

330-3 Rhetorical Analysis

Presents the evolution of the communication discipline from the ancient rhetorical traditions of Aristotle and Plato to World War II. Emphasis is placed on the analysis of rhetorical traditions of oratory and writing style.

335-3 Documentary Filmmaking

Students will be given background and coaching in non-fiction electronic storytelling and will produce one short non-fiction film. Prerequisite: Comm 215, Comm 225 and CS 232. *Summers only*

340-3 Film Analysis

An introduction to the study of film and the technical and aesthetic terminology describing it. Topics include narrative structure, camera movement, mis-en-scène, editing, sound, and music. Lectures, screenings, discussions, and shot-by-shot analysis of works by major directors.

350-3 Health Communication

Introduces students to the impact of communication in the health care industry. Attention is given

to public health campaigns, patient-provider interaction, social support, and the effects of communication on an individual's physical and psychological well-being. Prerequisite: Comm 101 or permission of instructor.

360-3 Nonverbal Communication

Seeks to expose students to the various types of nonverbal communication, including body movement, facial expressions, eye behavior, touch, use of space and color, vocalizations, and smell. Students will be exposed to current research in nonverbal communication and will examine cultural and social influences on nonverbal communication.

370-3 Diversity Communication

This course examines the role of gender, class and race in the global context. Topics include readings and films based on historical events, case studies, literature, and theories. Students write reaction papers and make a film.

390-3 Special Topics in Communication

Courses may include small group communication, debate, myth and narration, ethnography, media history, popular culture, and other Communication and Mass Communication topics.

401-3 Practicum/Internship in Communication or Mass Communication

Students gain hands-on experience applying the ideas they have learned in their communication studies.

405-3 Conflict Management and Mediation

Students will learn the underlying theories of interpersonal and organizational conflict. The positive and negative aspects of conflict will be discussed. Means of conflict management, resolution, and mediation will be presented.

410-3 Communication Research Methods

This course will provide students with exposure to basic research methods in communication. Students will learn both quantitative and qualitative research methods. This course will focus on enabling students to read and comprehend research. Students will gain a

clearer understanding of the processes used in communication research. Prerequisite: Math 105.

412-3 Civic and Citizen Journalism

This course uses mass communication research methods to explore the theoretical worlds of civic and citizen journalism. Students will question the role of new media (blogging, vlogging, podcasting, etc.), the highly engaged audience, the role of the professional journalist, and the journalist's obligation to serve society, among other topical areas. Prerequisites: Comm 112 and either Comm 301 or Comm 304. *Spring, every other year*

420-3 Media Management, Economics, and Policy

This course offers the state of knowledge for key topics in the media management and economics field. This course offers an overview of the fundamental concepts, characteristics, and business administration in media industry. This course also provides important media policy issues that are related to media organizations. *Spring, every other year.*

425-3 Communication Ethics and Law

A study of ethical theories and their practical role in a mass media environment, as well as an exploration of legal concepts that govern speech and the mass media. *Spring, every other year*

430-3 Strategic Communication

This course focuses on advanced concepts, research and skills integral to advertising, public relations, health, and political communications through case studies and application. *Spring, every other year*

OTHER COURSES: Communication

190-1-3 Special Topics

200-1-3 Directed Studies

290-1-3 Special Topics

300-1-3 Directed Studies

390-1-3 Special Topics

400-1-3 Directed Studies

490-1-3 Special Topics

(by arrangement)

Computer Science and Technology

Associate Professor M. Reed (co-chair) and Heier; Assistant Professors Sand (co-chair) and Lemm; Lecturers Hoke and Larson

Mission Statement

The Computer Science Department is dedicated to a curriculum of academic excellence that encourages the development of ethical computer professionals who are a benefit to society. The department serves the entire college community by providing sound instruction in the use of computers in order to foster computer literacy.

Computer and Internet Facilities

The Computer Science and Technology Department is housed on the second floor of the Unruh-Sheldon Center for Business and Computer Science. The hardware lab and three classroom labs provide students with a modern facility in which to learn, question, discuss, and analyze theory and application of computer and information technology.

About the Majors and Minors

The Department of Computer Science (CS) and Technology offers three majors and two minors.

- Computer Science (major)
- Information Technology (major)
- Management Information Science (major)
- Computer Science (minor)
- Information Technology (minor)

The computer science major provides a well rounded technical and theoretical background to the student. This major gives students a firm foundation in programming and theory so that they can design and implement computer-based solutions to significant problems. Computer science majors are prepared to enter graduate school or pursue technical software positions.

The information technology (IT) major gives students the skills to apply computer and network concepts to solve a wide range of technology problems for individuals, organizations, and businesses. Students will study theory and applications of databases, web design, computer programming, networks, and operating systems. Students will learn to identify and evaluate current and emerging technologies and to assess their applicability to the users' needs. The liberal arts environment at Jamestown College allows students with an aptitude for technology to take courses in areas of individual interest: music, communication, art, psychology, etc.

The management information science (MIS) major is intended for students who are interested in working with computer systems in a business setting. Computer science courses are combined with business courses such as accounting, finance, management, and marketing to expose the student to computer systems and business functions. Career goals of students with this major include systems analyst, system designer, application programmer, and information retrieval specialist.

The computer science minor provides students with the basics of computer programming and theory. The minor is a good combination with math, education, psychology, or business majors or with the pre-engineering program.

The information technology minor is designed to provide experience with technology to students in any major. Students completing this minor and a major in another field should be well prepared to apply computer and Internet technology to their chosen field.

Intended Student Learning Outcomes for the Computer Science and Technology Major

At the conclusion of their program, students in the CS, MIS and IT programs will be able to:

1. Design effective technology-based solutions integrated into the user's environment.
2. Use critical thinking and problem solving skills to generate possible solutions to technology-related problems.
3. Communicate effectively with clients and peers verbally and in writing.
4. Collaborate in teams to accomplish a common goal by integrating personal initiative and group cooperation.
5. Demonstrate independent learning through research, preparation, and presentation of a solution of a technology problem.
6. Describe the impact of technology on individuals, organizations, and society, including ethical, legal, and policy issues.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Requirements for the Computer Science Major

Note: Many required courses and most CS electives are offered in alternate years.

Dept.	Course No.	Course Title	Credits
CS	170	Structured Programming	3
CS	180	Object-oriented Programming	3
CS	210	Computer Organization and Architecture I	3
CS	300	Data Structures and Algorithms	3
CS	310	Computer Organization and Architecture II	3
CS	330	Computer Foundations	3
CS	342	Database Development	3
CS	343	Database Management	3
CS	360	Comparison of Programming Languages	3
CS	365	Information Systems Security	3
CS	410	Operating Systems Design	3
CS	480	Senior Seminar	1
CS	481	Computer Science as a Profession	1
Semester Credits			35

Plus two additional programming languages. (These courses should be taken in the freshman and sophomore years if possible.)

Dept.	Course No.	Course Title	Credits
CS	173	Introduction to .NET Programming	3
CS	272	Java Programming I	3
CS	351	Web Development II	3
CS	372	Java Programming II	3
CS	373	Advanced Visual Basic	3
CS	390/490	Special Topics in Programming	3
Semester Credits			6

Plus six credits of CS electives chosen in consultation with a faculty advisor from the department:

Busn	490	Community Alliance Mgmt Consulting (up to 3 credits)	3
CS	390	Special Topics	3
CS	420	Systems Analysis Methods	3
CS	425	Telecommunications and Data Networks	3
CS	430	Systems Design	3
CS	440	Management of Information Systems	3

CS	450	Cooperative Education (up to three credits)	3
CS	460	Robotics and Artificial Intelligence	3
CS	490	Special Topics	3
Semester Credits			6

Plus the following courses:

Dept.	Course No.	Course Title	Credits
Math	105	Statistics	3
Math	401 ^{or}	Mathematical Statistics I	
Math	111	College Algebra*	3
Math	112	Trigonometry*	3
Semester Credits			9
Total Semester Credits			56

*Math 151: Calculus I may be substituted for Math 111 and Math 112.

The following courses are suggested because they address skills often sought by employers:

Dept.	Course No.	Course Title	Credits
Acct	201 and 202	Principles of Accounting	6
Phil	251	Introduction to Critical Thinking	3
Comm/Engl	312	Business and Professional Communication	3

The following courses are strongly recommended for graduate school:

Dept.	Course No.	Course Title	Credits
Math	151	Calculus I	4
Math	152	Calculus II	4
Math	315	Linear Algebra	3

Requirements for the Information Technology Major

Dept.	Course No.	Course Title	Credits
CS	140 ^{or}	Integrated Software Packages	3
CS	240 ^{or}	Advanced Office Applications	
CS	170	Structured Programming	3
CS	232 ^{or}	Presentation & Publishing Software	3
CS	251 ^{or}	Graphics Development	
CS	241	Introduction to Information Systems	2
CS	272	Java Programming I	3
CS	322	Windows Server I	3
CS	341	Web Development I	3
CS	342	Database Development	3
CS	343	Data Base Management	3
CS	351	Web Development II	3
CS	352	PC Assembly & Troubleshooting	2
CS	353	PC Networking	2
CS	422	Windows Server II	3
CS	423	UNIX/LINUX	3
CS	425	Telecommunications & Networking	3
CS	481	Computer Science as a Profession	1
CS	482	Senior Project/Thesis	1
Math	105 ^{or}	Statistics	3
Math	111 ^{or}	College Algebra*	
Semester Credits			47

*Math 151: Calculus I may be substituted for Math 111

Plus one of the following courses:

CS	173	Introduction to .NET Programming	3
CS	180	Object Oriented Programming	3
CS	372	Java II	3
Semester Credits			3

Plus six credits of upper division CS electives or the courses listed below chosen in consultation with a faculty advisor from the department.

Comm	210	Introduction to Media Writing	3
Comm	304	Mass Communication Theory	3
Comm/Engl	312	Business & Professional Communication	3
Semester Credits			6

Total Semester Credits **56**

Requirements for the Management Information Science Major

Note: CS 342 and CS 343 may be taken in the sophomore or junior years. CS 420, CS 430, and CS 440 should be taken in the junior or senior year.

Dept.	Course No.	Course Title	Credits
CS	140	Integrated Software Applications	3
CS	240 or	Advanced Office Applications	3
CS	170	Structured Programming	3
CS	180	Object-oriented Programming	3
CS	173 or	Introduction to .NET Programming	3
CS	272	Java Programming I	3
CS	342	Database Development	3
CS	343	Database Management	3
CS	365	Information Systems Security	3
CS	420	Systems Analysis Methods	3
CS	430	Systems Design	3
CS	440	Management of Information Systems	3
CS	481	Computer Science as a Profession	1
CS		At least five upper division Computer Science and Technology credits in consultation with faculty advisor	5
Total Required CS Credits			36

Correlative Requirements

Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
Econ	201 or	Principles of Economics I: Microeconomics	3
Econ	202	Principles of Economics II: Macroeconomics	3

Plus one of the following courses:

Busn	320	Marketing	3
Busn	321	Business Management	3
Busn	351	Financial Management	3
Total Required Busn, Acct, Econ Credits			15

Plus the following courses:

Math	105 or	Statistics	3
Math	401	Mathematical Statistics I	3
Math	111	College Algebra*	3

Total Semester Credits for the CS Major **57**

At least five upper division computer science and technology credits in consultation with your advisor.

*Math 151: Calculus I may be substituted for Math 111.

The following courses are suggested because they address skills often sought by employers:

Dept.	Course No.	Course Title	Credits
Comm/Engl	312	Business and Professional Communication	3
Phil	251	Introduction to Critical Thinking	3

Requirements for the Computer Science Minor

Dept.	Course No.	Course Title	Credits
CS	170	Structured Programming	3
CS	210	Computer Organization and Architecture I	3
CS	300	Data Structures and Algorithms	3
CS	310	Computer Organization and Architecture II	3
CS	360	Comparison of Programming Languages	3
CS	410	Operating Systems Design	3
CS	481	Computer Science as a Profession	1
Semester Credits			19

Plus one course in an object oriented language. Current choices include the following:

Dept.	Course No.	Course Title	Credits
CS	173	Introduction to .NET Programming	3
CS	180	Object-oriented Programming	3
CS	272	Java Programming I	3
Semester Credits			3

Plus three credits from any 300 or 400 level CS course

CS	300/400	Elective chosen in consultation with a computer science faculty advisor	3
Semester Credits			3
Total Semester Credits			25

Requirements for the Information Technology Minor

Dept.	Course No.	Course Title	Credits
CS	140	Integrated Software Packages	3
CS	240 or	Advanced Office Applications	3
CS	170	Structured Programming	3
CS	232	Presentation and Publishing Software	3
CS	241	Introduction to Information Systems	2
CS	251	Graphics Development	3
CS	272	Java Programming I	3
CS	322 or	Windows Server I	3
CS	423	UNIX/LINUX	3
CS	342	Database Development	3
CS	352	PC Assembly & Trouble Shooting	2
CS	353	PC Networking	2
Total Semester Credits			27

Course Descriptions

(CS)

140-3 Integrated Software Applications

This course will show how to integrate data from word processors, spreadsheets, and databases into a single document or presentation. This will be done by using separate, stand-alone applications as well as using an integrated software application.

Fall and spring

170-3 Structured Programming

This course will introduce the student to the C++ programming language and its many features. Structured programming will be stressed as I/O, data types, decision structures, functions, and looping. Iteration will be introduced and incorporated into programming projects. *Fall and spring*

173-3 Introduction to .NET Programming

An introduction to the .NET programming framework to develop Windows and Web applications. Topics include basic concepts of programming, problem solving, file I/O operations, programming logic, exception handling, and design techniques of an object-oriented language within a visual development environment. *Fall, even years*

179-1-3 Special Topics in Programming Languages

180-3 Object-Oriented Programming

This course approaches programming from an object-oriented methodology by examining C++ structures and classes. Data structures such as arrays, strings, and linked lists are introduced and studied. Common searching and sorting algorithms will be discussed. The relationship between data structures and algorithms will be explored. Algorithms will be analyzed in regard to time and space efficiency. Prerequisite: CS 170. *Spring*

210-3 Computer Organization and Architecture I

The purpose of this course is to introduce the

function and design of the various components necessary to process information digitally. The study of computer organization focuses on how various electronic circuits and components fit together to create working computer systems. Concepts of machine level representation of data, assembly level machine organization, and memory system organization are also included. Prerequisite: CS 170. *Fall, odd years*

232-3 Presentation and Publishing Software

This course will provide students with an overview of page layout. Students will work with text, graphics, backgrounds, formatting, and color to produce print and video presentations. Using desktop publishing software and video editing software, students will create a variety of publications as well as interactive video presentations. Basic word processing skills needed. *Fall and spring*

240-3 Advanced Office Applications

This course will cover advanced aspects of the Microsoft Office Suite, particularly Excel and Outlook. Topics will focus on concepts and tasks that are necessary in today's business world. Students taking this course should have a working knowledge of file management, as well as basic word processing, spreadsheet, and e-mail applications. *Fall and spring*

241-2 Introduction to Information Systems

This course involves discussion of how information technology can be used to aid in problem-solving and decision making activities. Students will learn how to envision, design, and evaluate computer-based solutions to problems, use hardware and software tools to develop solutions, and learn information system concepts. *Fall and spring*

251-3 Graphics Development

This course provides the student with hands-on instruction in the creation and manipulation of a variety of computer generated graphics using industry standard software tools. Students will

learn to create and edit full-color illustrations exhibiting line and shape, volumetric form, and shading and depth by using vector illustration techniques. Additional concepts will include basic photo editing techniques that involve color corrections, retouching and repairing, working with selections, layer and mask basics, correcting and enhancing digital photographs, typographic design, and preparing files for the web. *Fall and spring*

272-3 Java Programming I

This course introduces the syntax and features of the Java Programming language. Using visual components, students create applets that can be incorporated into web pages. Event-handling and exception-handling concepts are presented and used in programming projects. Other topics include input-output management, data types and structures, class structures, calendar and date objects, and decision structures. Prerequisite: CS 170. *Fall*

279-2-3 Special Topics in Programming Languages and Their Applications

300-3 Data Structures and Algorithms

This course is a continuation of CS 180 and is an advanced study of data structures such as stacks, queues, trees, and graphs. File access methods and powerful search and sort algorithms will also be discussed. Algorithms studied will also be analyzed for efficiency. Prerequisite: CS 180. *Fall, odd years*

310-3 Computer Organization and Architecture II

The purpose of this course is to focus on the structure and behavior of the computer system and the logical aspects of system implementation as seen through the eyes of the programmer. Concepts of memory system architecture are more fully developed. Interfaces and I/O communication fundamentals, as well as multiprocessing, alternative architecture systems, and emerging technologies are also presented. Prerequisite: CS 210. *Spring, even years*

322-3 Windows Server I

This course will cover the basics of the Windows Server Family of operating systems. Topics will include installation, Active Directory, user management, file management, device management, data storage, Group Policies, and basic networking within a Windows environment. *Fall*

330-3 Foundations of Computer Science

This course is a survey of discrete mathematical structures and its applications pertaining to the study of computer science and information technology. A broad overview of topics will be covered including but not limited to: finite number systems, counting and apportionment algorithms, mathematical induction, probability and Monte Carlo simulations, game theory, graphs, trees, and recursion. Software simulations and programs will be included to enhance understanding and application. Prerequisites: CS 170 and Math 111. *Offered as needed*

341-3 Web Development I

This course will introduce the essential topics of Internet programming. Students will design Interactive Web pages using HTML, CSS, JavaScript, and other client side script technology. Concepts such as cookies, manipulating multimedia, and publishing and managing a remote site will be discussed. Prerequisite: CS 170. *Fall*

342-3 Database Development

This course introduces students to the essentials of database development and construction. Throughout the course students will use a database management system to create tables, joins, queries, forms, reports, macros, and switchboards. In addition, by exploring the concepts of normalization and entity relationship diagrams, students will learn how to create a structurally sound database that minimizes data redundancy. Prerequisite: CS 140. *Fall*

343-3 Database Management

This course is an investigation into database concepts and the management of a database with a focus on the relational model. Topics include entity relationship modeling, normalization, SQL, the database life cycle, concurrency control, and distributed database management systems. Prerequisite: CS 342. *Spring*

351-3 Web Development II

This course will advance the web site design and development skills introduced in CS 341. Topics include web forms, database implementation, XML, server side scripting, web server implementation and configuration, and discussion of design and development issues and problems. Prerequisites: CS 170, CS 341, and CS 342. *Spring*

352-2 PC Assembly and Trouble Shooting

This hands-on laboratory course covers identification of PC components including power supplies, mother boards, memory, and peripherals. Students will learn to assemble and disassemble PCs and trouble shoot and repair PC systems. *Spring*

353-2 PC Networking

This course covers the basics of network communications and hardware and software necessary to implement a PC network. Students will receive hands-on experience in design, installation, administration, and trouble shooting of a PC local area network. *Spring*

360-3 Comparison of Programming Languages

This course will cover programming language paradigms including procedural, functional, declarative, and object-oriented paradigms. Specific languages from each class will be studied and compared as to syntax and semantics and to variable allocation and scope. The course will also include discussion of which language or class of language is best suited for particular programming projects. Prerequisites: CS 180 and either CS 173 or CS 272. *Fall, even years*

365-3 Information Systems Security

The objective of this course is to provide an overview of modern computer security concepts. Topics covered may include security terminology, risk management, security policy and strategy, security awareness, cryptography, operating system security, network security, physical security and digital forensics. The course will contain a lab component where students will investigate current hardware and software tools for vulnerability analysis and penetration testing. *Spring, odd years*

370-3 Compiler Fundamentals and Design

This course is designed to study the features of programming languages and how to specify and translate them. This will include coverage of lexical analysis, parsing, semantic analysis, code generation, and optimization. A project laboratory is part of this course. Prerequisites: CS 300 and CS 330. *Offered as needed*

372-3 Java Programming II

This course covers advanced aspects of the Java programming language. Object-orientated methodology will be stressed, along with fundamentals of structured logic using decision statements, loops, and array manipulation. Inheritance, multi-threading, and file-handling concepts will be incorporated in the applets and programs created. Prerequisite: CS 272. *Offered as needed*

373-3 Advanced Visual Basic

This course will cover topics the student is most likely to meet in programming for the office or enterprise: Object linking and embedding, advanced graphical user interface design, object-oriented programming with Visual Basic, database programming and SQL, Windows API, multimedia and networking controls, and Visual Basic for Applications. Prerequisite: CS 173. *Offered as needed.*

410-3 Operating Systems Design

This course presents the basic concepts, structure, and responsibilities of an operating system. Coverage will include device management, process and resource management, synchronization and deadlock, memory management, user interfaces and security.

Prerequisite: CS 300 and CS 310. *Fall, even years*

420-3 Systems Analysis Methods

This course presents an overview of the systems development life cycle. Emphasis will be placed on current system documentation through the use of both structured and object-oriented tools and techniques for describing process flows, data flows, data structures, file designs, input and output designs, and program specifications. Also included will be discussions of information gathering and reporting activities. Prerequisite: CS 343. *Fall, odd years*

422-3 Windows Server II

This course will cover more advanced topics within the Windows Server Family of operating systems. Topics will include TCP/IP, WINS, DNS, RRAS, data and system recovery, performance monitoring, and security. It will also cover scripting in Windows environment using VBS. Prerequisites: CS 322 and CS 353. *Spring*

423-3 UNIX/LINUX

This course will cover the basics of the Unix-like computer with a primary focus on open source Linux distributions. The operating systems will be investigated in regards to their features and usability as a small business desktop or as various network servers. Topics covered will include shell commands, file management, basic applications, utilities, user interfaces, networking, process control, user management, installation of software, and security. Network servers for user authentication, file management, web, database, and email will be implemented in a lab environment. Prerequisites: Sophomore, junior, or senior standing. *Spring, odd years*

425-3 Telecommunications and Data Networks

This course provides an in-depth technical analysis of the Open Systems Interconnection architecture and protocols. The study includes data communications, operation of various computer networks, computer communication architectures, and integrated services digital networks. Prerequisites: CS 170 and junior or senior standing. *Spring, even years*

430-3 Systems Design

This course is an advanced study of structured systems development. Emphasis will be placed on strategies and techniques for producing quality application systems. Topics include testing, controls, and maintenance. A comprehensive project is a major part of this course. Prerequisite: CS 420. *Spring, even years*

435-3 Computer Visualization

This course provides a thorough understanding of translating geometric concepts into mathematical expressions and then into programming code that generates pictures on a computer. Topics include 2-D and 3-D analytic geometry, visual realism, curves, solid modeling, and programming techniques. Prerequisites: CS 180, Math 112, and junior or senior standing. *Offered as needed*

440-3 Management of Information Systems

This course demonstrates the principles and concepts involved in the management of organizational information systems resources. Topics include CIO functions, information systems planning, legal and professional issues, and the strategic impact of information systems. Prerequisite: Junior or senior standing. *Spring, odd years*

350/450-3-8 Cooperative Education

This practicum is designed to help familiarize the student with the world of work that will be encountered upon leaving the college environment. Work sites are arranged that will provide experience and/or occupational exposure opportunities with local employers.

This practicum is designed to enhance career development and self awareness by integrating classroom study with supervised practical experience in educational, vocational, and cultural learning situations outside the formal classroom environment. Prerequisite: Junior or senior standing. *Fall and spring*

460-3 Robotics and Artificial Intelligence

This course provides an introduction to robotics and artificial intelligence. Topics include history of robotics and artificial intelligence, robot components, hardware, sensors, robot behaviors, methods of control and programming, and robots now and in the future. Students will have the opportunity to work hands-on with robotics hardware and programming. Prerequisites: CS 272 and junior standing. *Offered as needed*

480-1 Senior Seminar

This seminar is designed to provide each student with the opportunity to research an advanced topic in a subject area of computer science. Students will gain a deeper level of understanding as they research and then present their topics to the class. Prerequisites: CS major, IT major, MIS major, CS minor, or IT minor and senior standing. *Spring*

481-1 Computer Science as a Profession

This course provides discussion and reflection on professionalism and ethics within the computer field. Job search skills, including résumé preparation and interviewing, will also be covered. Prerequisites: CS major, IT major, MIS major, CS minor, or IT minor and senior standing. *Fall*

482-1 Senior Project/Thesis

This course will provide the student with an opportunity to research a project of interest in the IT field. Students may choose to pursue accreditation in an approved area (networking/programming, etc.) or to research an advanced topic in an IT area. Following research/accreditation, students will present their experience to the class. Prerequisite: IT major with senior standing. *Spring*

200-1-4 Directed Studies

300-1-4 Directed Studies

400-1-4 Directed Studies

Selected readings or projects to supplement current CS and MIS courses directed by a department faculty member. Offered by arrangement with a faculty member from the department.

190-1-3

290-1-3

390-1-3

490-1-3 Special Topics

Further in-depth study on topics reflective of advances in state-of-the-art computing. *Offered as scheduling allows*

495-1-4 Independent Study (by arrangement)

Special readings or projects accomplished by the student under the supervision of a department faculty member.

499-6 Honors

Research leading to an honors project under the supervision of a faculty member and the honors committee of the college. Prerequisite: Admission into the honors program and junior or senior standing. *Spring*

Criminal Justice and Sociology

Professor Stone (chair); Lecturers Fremgen, Kaiser, Redmann, and Rummel

Mission Statement

The mission of the Department of Criminal Justice and Sociology at Jamestown College is two-fold. Sociology courses support the curricula in general education, teacher education, and nursing. Their aim is to sensitize the student to the role of social forces (e.g. homogeneity, stratification, urbanization) and social institutions (e.g. the family, education, religion, politics, and the economy) as they impact our individual and collective lives. In criminal justice, students are prepared to pursue one of three distinct, though not necessarily mutually exclusive, options. The focus of the major is a solid preparation for entry-level careers in law enforcement, corrections, or adult or juvenile probation and parole. In addition, critical thinking, discipline-specific writing are explicit student outcome goals to which the department is committed and around which the core requirements are interconnected. Finally, the department is fully committed to its program of outcomes assessment to measure the degree to which its mission is being accomplished and provide guidelines for program enhancement.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Requirements for the Criminal Justice Major:

Dept.	Course No.	Course Title	Credits
CJ	101	Introduction to Criminal Justice	3
CJ	102	Deviance and Social Control	3
CJ	202	Writing in Criminal Justice	3
CJ	311	Corrections	3
CJ	312	Police Science	3
CJ	330	Criminal Law and Procedure	3
CJ	420	Criminal Justice Capstone	3
CJ	450	Criminal Justice Internship	3
CJ	497 ^{or}	Criminal Justice Thesis	3
Semester Credits			24

Plus one of the following courses:

CJ	313	Community Policing and Problem Solving	3
CJ	320 ^{or}	Crime and Delinquency	3
Semester Credits			24

Plus three themed electives (at least two from the same theme):

Psychology Theme

Psyc	202	Research Methods	3
Psyc	215	Applied Behavior Analysis	3
Psyc	302	Abnormal Psychology	3
Psyc	315	Social Psychology	3
Psyc	365	Dynamics of Addiction	3
Psyc	410	Fundamentals of Counseling	3

Note: These courses may have prerequisites.

Criminal Justice & Sociology

Business Theme

Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
Busn	315	Business Law I	3
Busn	316	Business Law II	3
Busn	322	Human Resource Management	3

Law Theme

Busn	315	Business Law I	3
Busn	316	Business Law II	3
Phil	351	Philosophy and Law	3
Pols	104	American National Government	3
Pols	314	U.S. Constitutional Law	3
Psyc	430	Psychology and Law	3

Semester Credits	9
Total Semester Credits	36

Requirements for the Criminal Justice Minor

Dept.	Course No.	Course Title	Credits
CJ	101	Introduction to Criminal Justice	3
CJ	102	Deviance and Social Control	3
CJ	202	Writing and Information Literacy	3
CJ	311	Corrections	3
CJ	312	Police Science	3
CJ	313 or	Community Policing and Problem Solving	3
CJ	320	Crime and Delinquency	3
CJ	330	Criminal Law and Procedure	3
CJ	420	Criminal Justice Capstone	3
Semester Credits			24

Sample Course Sequence for the Criminal Justice Major

Freshman Year

Dept.	Course No.	Course Title	Credits
CJ	101	Introduction to Criminal Justice	3
CJ	102	Deviance and Social Control	3
Engl	101	Freshman Composition I	3
Engl	102	Freshman Composition II with Literature	3
Pols	104	American National Government	3

Sophomore Year

Dept.	Course No.	Course Title	Credits
CJ	202	Writing and Information Literacy	3
CJ	311	Corrections	3
CJ	313	Community Policing and Problem Solving	3
		Themed Elective	3

Junior Year

Dept.	Course No.	Course Title	Credits
CJ	312	Police Science	3
CJ	330	Criminal Law and Procedure	3
		Themed Elective	3

Senior Year

Dept.	Course No.	Course Title	Credits
CJ	320	Crime and Delinquency	3
CJ	420	Criminal Justice Capstone	3
CJ	450	Criminal Justice Internship	3
CJ	497 ^{or}	Criminal Justice Thesis	3
		Themed Elective	3

Course Descriptions

(CJ)

101-3 Introduction to Criminal Justice

This course examines the entire range of criminal justice issues including legislation, enforcement, prosecution, the courts, and corrections. Theory, practice, and an analysis of historical and contemporary controversies constitute the substance of the course. This course is a prerequisite for all other CJ courses. *Fall*

102-3 Deviance and Social Control

This course examines the creation and stigmatization of deviant categories, theories and perspectives for understanding deviance, in-depth analysis of various forms of deviance (e.g., criminal, sexual, political, mental, physical, and institutional), and societal responses aimed at control or change. Same as Soc102. *Fall*

202-3 Writing and Information Literacy

Using materials gathered and annotated in CJ 201, the course will focus on writing essays, reports, and literature reviews as well as thesis development, organization, logic, proofreading, and feedback. Prerequisites: Engl 102. *Spring*

311-3 Corrections

This course provides a broad overview of topics and issues in the field of corrections including the evaluation of treatment, personnel, classification, counseling and crisis intervention, and special areas of correctional treatment. It also explores the areas of probation, parole, and community corrections. This course will prepare the student (and is a prerequisite) for certain internships with local criminal justice agencies. Prerequisite: CJ 101. *Fall, even years*

312-3 Police Science

This course includes familiarization with the history and practice of policing; administrative, organizational, evaluative, investigative, and evidentiary issues; and court, prosecutor, and community relations. This course will prepare the student for certain internships with local criminal justice agencies. Prerequisite: CJ 101. *Spring, even years*

313-3 Community Policing and Problem Solving

This course is intended to provide the student with a thorough understanding of the role of community policing in modern law enforcement. The course will also present students with the basic core values that are vital to the success of a highly effective police officer and the community that they serve. Prerequisite: CJ 101. *Spring, odd years*

320-3 Crime and Delinquency

This course takes an integrated approach to theories of crime and delinquency inasmuch as biological and psychological perspectives will supplement the traditionally prominent sociological views. The course also focuses on the blurring of the distinctions between the two as juvenile crime is perceived as increasingly serious and the practice of juvenile certification (transfer to adult court) becomes more prevalent. Prerequisite: CJ101 or Soc 101. Same as Soc 310. *Fall*

330-3 Criminal Law and Procedure

This course examines the limitations of criminal liability, the basic requirements of a criminal act, defenses, the law as it relates to specific types of crimes, and the processes and procedures that relate to policing, the courts, and corrections. Prerequisite: CJ101. *Fall, odd years*

200-1-4 Directed Study

300-1-4 Directed Study

400-1-4 Directed Study

Individualized study in special content areas not covered in CJ course offerings. Restricted to areas of faculty expertise. Weekly progress reports and a written report are required.

420-3 Criminal Justice Capstone

This course provides a summary overview of the full range of criminal justice topics and issues, akin to the basic overview provided in the introductory course (CJ101), but at an advanced level that features the use of primary resources, student research, and a critical analysis of issues and controversies in the field, all in a seminar setting. Prerequisite: CJ101 and senior standing. *Spring*

450-2-8 Criminal Justice Internship

A practicum designed to familiarize the student with law enforcement and/or correctional agencies, both juvenile and/or adult, including local, state, and/or federal. Working relationships with several sites have been developed, though the student is encouraged to develop his/her own site in consultation with the CJ faculty. Career development and the integration of classroom study with hands-on practical experience are the primary objectives. Signed receipt of "Guidelines for Criminal Justice Internships," approval of the department chair, evaluation by the participating agency, and a written report by the student are required. Prerequisite: Junior standing.

190-1-4 Special Topics

290-1-4 Special Topics

390-1-4 Special Topics

490-1-4 Special Topics

A study of a wide range of topics in CJ not otherwise included in department offerings. Minimum enrollment of five students with related interests. *Offered on sufficient demand*

495-2-4 Independent Study

Special readings or projects accomplished by the student under the supervision of a department faculty member.

497-3-6 Criminal Justice Thesis

The purpose of this course is to allow the student to conduct his/her own empirical research or to explore by way of a library research paper a narrowly defined topic of particular interest. Approval of the topic and an agreement regarding expectations must be obtained from the instructor prior to registration. Prerequisites: CJ 202 and either CJ 310 or CJ 410 and a minimum GPA of 2.75.

Course Descriptions

(Soc)

101-3 Introduction to Sociology

The course will introduce the student to the sociological process (including concepts, theories, and methods,) the study of groups, stratification and conflict, social institutions, and social change. *Fall*

102-3 Deviance and Social Control

This course examines the creation and stigmatization of deviant categories, theories and perspectives for understanding deviance, in-depth analysis of various forms of deviance (e.g., criminal, sexual, political, mental, physical, and institutional), and societal responses aimed at control or change. Same as CJ 102. *Fall*

121-3 Introduction to Anthropology

This class surveys the four major branches of anthropology: cultural anthropology, physical anthropology, archeology, and linguistic anthropology. Students will learn basic terminology and some of the major concepts and controversies within the discipline. *Spring*

201-3 Social Problems

This course takes a problem-solving approach to the issue of social problems. The structure is topical, and topical topics include politics, poverty, work, education, family, health care, aging, gender and racial inequity, drugs and alcohol, crime, violence, and the environment.

220-3 Death and Dying

This course provides the student, particularly the student preparing for a career in the health care or other service professions, the opportunity to better understand, both intellectually and emotionally, the social-psychological processes of dying, death, and bereavement. The primary purpose of this course is to acquaint the student with the social implications of death and dying and to examine death-related behaviors, both individual and collective, through which these aspects of life are experienced.

230-3 Sociology of the Family

This course looks at the basic findings of the social sciences with reference to the institution of marriage and family. It examines in particular the contemporary American couple throughout all stages of the life cycle. Factors are identified that should be considered when making critical decisions, such as to marry, to have children, to divorce. Topics include diversity in the areas of sexuality, marriage and family, and selected issues that confront American families today. *Spring*

310-3 Crime and Delinquency

This course takes an integrated approach to theories of crime and delinquency inasmuch as biological and psychological perspectives will supplement the traditionally prominent sociological views. The course also focuses on the blurring of the distinctions between the two as juvenile crime is perceived as increasingly serious and the practice of juvenile certification (transfer to adult court) becomes more prevalent. Same as CJ 320. Prerequisite: Soc 101 or CJ 101. *Fall*

315-3 Social Psychology

This course covers the principles of the interbehaving of individuals with other individuals and groups with an emphasis on attitudes, attribution, social perception, and small-group behavior. Same as Psyc 315. Prerequisite: Psyc 101. *Fall*

320-3 Comparative Cultures

This course is designed to develop knowledge and understanding of different cultural and ethnic settings and backgrounds. Armed with a comparative framework, each student conducts research on an assigned nation, creates a “cultural guidebook” for that nation, and presents his/her findings to the entire class. *Fall*

OTHER COURSES: Sociology

190-1-4 Special Topics

200-1-4 Directed Studies

290-1-4 Special Topics

300-1-4 Directed Studies

390-1-4 Special Topics

400-1-4 Directed Studies

490-1-4 Special Topics

(by arrangement)

English and Theatre Arts

Professors Godfrey (chair) and Brown; Associate Professor Holley; Assistant Professors Flory and McIntyre; Writer in Residence Woiwode

Mission Statement

The English and Theatre Arts Department provides undergraduate education in the discipline of English and theatre, which includes studies in the language itself, in literature that expresses the accumulated resources of human thought and experience, and in the effective use of language in written and oral expression. English and theatre are presented chiefly as an area of knowledge important to the liberal arts tradition but also as preparation for post-graduate or professional study and as preparation for a career immediately following graduation.

The department maintains that the understanding and appreciation of the art of theatre can best be taught by participation. Students from all majors may participate in theatre classes and College productions.

A grade of C- or above must be earned in all courses required in a major or a minor.

Requirements for the English Major

The English major requires 36 English credits beyond English 102. Please note that like all undergraduates at Jamestown College, English majors and minors must successfully complete both English 101 and 102 with a minimum grade of C-. Neither course counts towards the major or minors. English 102, moreover, is a prerequisite for all 200-level and higher English courses.

The following courses are required for the major:

Dept.	Course No.	Course Title	Credits
Engl	201	Introduction to Literary Study and Analysis	3
Engl	210	World Literature to 1500	3
Engl	230	English Literature to 1785	3
Engl	231	English Literature Since 1785	3
Engl	250	American Literature to 1865	3
Engl	251	American Literature since 1865	3
Engl	331	Shakespeare	3
Engl	351	History of the English Language	3
Engl	401	English Grammar (English Ed majors must take both)	3
Engl		Writing Elective (must be upper division)	3
Engl		Electives	9
		Total Semester Credits	36

Requirements for the English Education Major

Teaching Major: Students who plan to teach English must take these specific courses as part of the 36 credits required for the major:

Dept.	Course No.	Course Title	Credits
Engl	201	Introduction to Literary Study and Analysis	3
Engl	210	World Literature to 1500	3
Engl	230	English Literature to 1785	3
Engl	231	English Literature since 1785	3
Engl	250	American Literature to 1865	3

Engl	251	American Literature since 1865	3
Engl	314	Intermediate Composition	3
Engl	331	Shakespeare	3
Engl	351	History of the English Language	3
Engl	401	English Grammar	3
Engl	414	Advanced Multi-Genre Writing	3
Engl		Elective (must be upper division)	3
Total Semester Credits			36

These students must also take co-requirements for teacher certification as required by the Teacher Education Department. See the *Teacher Education* section of this catalog.

Writing concentration. Students may elect to complete a writing concentration within the English major. These students must meet the requirements stated above but include within the thirty-six-credit major at least three upper-division writing courses.

Postgraduate study. Two years of a foreign language are strongly recommended for majors going to graduate school.

Requirements for the English Minor

The English minor requires at least twenty semester credits of English beyond 102, including at least one course in British literature and at least three upper-division courses.

The Creative Writing Minor

The minor in Creative Writing can enhance virtually any professional program as it offers students the opportunity to learn the craft of writing by studying the works of published writers, by writing and revising their own work, and by examining, critiquing, and supporting each other's work. The minor in Creative Writing will be awarded only on completion of a baccalaureate degree at Jamestown College.

Requirements for the Creative Writing Minor

- A minimum of 18 credit hours (six three-hour courses)
- A minimum of four creative writing courses (12 hours) and of two literature courses (6 hours)
- All courses taken to fulfill the minor must be taken for a letter grade (no pass/fail), with a grade of C- or better required in each of the six courses making up the 18 hours of the minor
- English majors taking the Minor in Creative Writing may apply no more than 6 hours of credit, and no more than one literature and no more than one writing course to the minor.

Courses that fulfill the Creative Writing Requirement

The four Creative Writing courses must be chosen from the following. English 102 is a prerequisite for all courses in the Creative Writing minor.

Dept.	Course No.	Course Title	Credits
Engl	313	Creative Writing (Short Fiction)	3
Engl	340	Advanced Creative Writing - Poetry	3
Engl	341	Advanced Creative Writing - Fiction	3
Engl	342	Creative Non-Fiction	3
Engl	390	Special Topics - Playwriting	3
Engl	414	Advanced Multi-Genre Writing	3

Courses that fulfill the Literature Requirement

The two literature courses must be chosen from the following. English 102 is a prerequisite for all literature courses in the Department. Though it is not a prerequisite for other literature courses, English majors should complete English 201 as early as possible, especially prior to undertaking 300- and 400-level literature courses.

Dept.	Course No.	Course Title	Credits
Engl	201	Introduction to Literary Study and Analysis	3
Engl	210	World Literature to 1500	3
Engl	211	World Literature since 1500	3
Engl	230	English Literature to 1785	3
Engl	231	English Literature since 1785	3
Engl	250	American Literature to 1865	3
Engl	251	American Literature since 1865	3
Engl	305	Studies in the British Novel	3
Engl	308	Studies in the American Short Story	3
Engl	310	Modern Poetry	3
Engl	320	British Romanticism	3
Engl	330	Victorian England	3
Engl	331	Shakespeare	3
Engl	360	Studies in the American Novel	3
Engl	370	Images of Woman in Literature	3
Engl	420	African-American Literature	3
Thea	220	Appreciation of Drama	3
Thea	318	Development of American Drama	3

Requirements for the Fine Arts Major with a Concentration in Theatre

Thirty-eight semester credits including a minimum of twenty-six credits in theatre and two approved courses in music (six semester credits) and two approved courses in art (six semester credits).

Dept.	Course No.	Course Title	Credits
Art		Two approved courses	6
Comm	201	Oral Interpretation of Literature	3
Mus		Two approved courses	6
Thea	190	Introduction to Theatre	3
Thea	201/202	Drama Performance/Theatre Practice	4
Thea	303	Stagecraft and Lighting	4
Thea		Dramatic Literature*	3
Thea		Electives	9
Semester Credits			38

Students majoring in fine arts are encouraged to work in close cooperation with the three departments to develop their artistic expression through participation in the various public outlets available at the College, such as art shows, theatre productions, and musical ensembles.

If further concentration in theatre is required for the fine arts major, students are encouraged to explore the possibility of a concurrent minor in theatre or a double concentration: theatre and music or theatre and art.

* Thea 220 - Appreciation of Drama, Thea 318 - Development of American Drama, or Eng 331 - Shakespeare fulfill this requirement.

Requirements for the Theatre Minor

Dept.	Course No.	Course Title	Credits
Comm	201	Oral Interpretation of Literature	3
Thea	190	Introduction to Theatre	3
Thea	201/202	Drama Performance/Theatre Practice	4
Thea	303	Stagecraft and Lighting	4
Thea		Electives	6
Semester Credits			20

Requirements for a Theatre Minor for Students Majoring in Fine Arts

The student must have twenty semester credits from within the theatre offerings in addition to the two theatre courses taken to satisfy the requirements for a fine arts major. The Theatre Department chair may recommend as electives additional courses from among the department’s offerings or in supporting fields as indicated by the student’s educational and career objectives.

Course Descriptions

ENGLISH (Engl)

101-3 Freshman Composition I

Should be taken in the first semester of the freshman year. A course introducing students to writing, rhetoric, and critical thinking. *Fall*

102-3 Freshman Composition II with Literature

Should be taken during the freshman year. Continues aims of English 101, particularly synthesis and argument, and introduces research writing and documentation. Prerequisite: Engl 101 with grade of C- or higher. *Spring*

Note: Course grades of C- or higher are required for completion of Engl 101 and Engl 102.

201-3 Introduction to Literary Study and Analysis

Introduces a range of literary genres (poetry, fiction, and drama), a technical vocabulary related to the study of works of those genres, and traditional and contemporary critical approaches to such works. English majors should complete English 201 as early as possible, especially prior to undertaking 300- and 400-level literature courses. *Fall, odd years*

210-3 World Literature to 1500

Survey of literature exclusive of the British Isles from the ancient world to 1500. *Fall, even years*

211-3 World Literature since 1500

Survey of literature exclusive of the British Isles and the U. S. from 1500 to the present. *Spring, odd years*

230-3 English Literature to 1785

A survey of major figures such as Chaucer, Spenser, Shakespeare, Donne, Jonson, Milton, Dryden, Pope, and Swift. Prerequisite: Engl 102 or permission. *Fall, odd years*

231-3 English Literature since 1785

A survey of major figures such as Blake, Wordsworth, Keats, Tennyson, Browning, Yeats, Conrad, Woolf, and Lawrence. Prerequisite: Engl 102 or permission. *Spring, even years*

250-3 American Literature to 1865

Survey of major periods, works, and writers in American literature through the Civil War. Emphasis on the development of a genuine American literature from Colonial through American Romantic periods. *Fall, even years*

251-3 American Literature since 1865

Survey of major works and writers in American literature from the Civil War to the present. Emphasis on Realism, Naturalism, and Modernism. *Spring, odd years*

305-3 Studies in the British Novel

Study of selected British novels from Defoe to Woolf. Prerequisite: Engl 102 or permission. *Fall, even years*

308-3 Studies in the American Short Story

Study of representative works of such writers as Poe, Hawthorne, Twain, Fitzgerald, Hemingway, Welty, O'Connor, and Updike. Prerequisite: Engl 102 or permission. *Fall, odd years*

310-3 Modern Poetry

Study of selected works by such modern poets as Hardy, Yeats, Pound, Eliot, Frost, Williams, and Stevens. Prerequisite: Engl 102 or permission. *Spring, odd years*

312-3 Business and Professional Communication

Study and practice of writing techniques and forms commonly used in business and the professions. Prerequisites: Engl 102 or permission. Same as Comm 312. *Spring, even years*

313-3 Creative Writing

Study and practice in writing original short fiction. Prerequisites: Engl 102 or permission. *Fall*

314-3 Advanced Expository Writing

Study and practice of expository writing across the curriculum, including rhetorical modes and formal writing strategies for various audiences. Study and practice of research strategies. Prerequisite: Engl 102 or instructor's permission. English education majors please note: Engl 314 and Engl 414 do not have to be taken sequentially. *Spring, odd years*

318-3 Development of American Drama

Study of the development of principal styles and forms of American drama from colonial times to the present; application of research strategies and critical principles to American dramatic literature. Prerequisite: Engl 102. Same as Thea 318. *Spring, even years*

319-3 Modern British Drama

Survey of 20th-century drama in Britain from Shaw to Stoppard. Prerequisite: Engl 102. Same as Thea 319. *Spring, even years*

320-3 British Romantics

A study of the principal writers of the Romantic Period (1798-1832), including Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. *Fall, even years*

330-3 Victorian England

A study of the principal writers of the Victorian Age (1837-1901), including Carlyle, Mill, Newman, Ruskin, Tennyson, Browning, and Arnold. *Fall, odd years*

331-3 Shakespeare

Study of selected comedies, histories, and tragedies. Prerequisite: Engl 102 or permission. *Spring*

340-3 Advanced Creative Writing—Poetry

Study and practice of the diverse forms and patterns English poetry employs, from Anglo-Saxon and ballad to concrete and spatial, with a portfolio of poems in a dozen forms due at semester's end. Other emphases may include free-form poetry or the forms found in foreign languages. Prerequisite: Either Engl 313, status as English major, or permission of the instructor. May be repeated for credit with permission of the instructor.

341-3 Advanced Creative Writing—Fiction

Study and discussion of the short story as the essential narrative form, with emphasis on qualities apparent in successful short stories and the methods and techniques used to achieve that success in aesthetically satisfying stories, with a portfolio at least three revised stories required by semester's end. Recent emphases include The Traditional Short Story, The Brief Short, and Flash Fiction. Prerequisite: In addition to Engl 102, either Engl 313, status as English major, or permission of the instructor. May be repeated for credit with permission of the instructor.

342-3 Advanced Creative Writing—Creative Non-Fiction

Advanced practice in Creative non-fiction, or artful methods of dealing with facts and personal opinions, with a portfolio of a least five revised pieces due by semester's end. Recent emphases

have included these three genres: The Creative Essay, The Memoir, The Creative Op-Ed Piece. Prerequisite: Either Engl 313, status as English major, or permission of the instructor. May be repeated for credit with permission of the instructor.

351-3 History of the English Language

Explores the history and development of the English language from its origins to the present, focusing on the details of the sound and structure of the language in its various stages of development, and the historical conditions that contributed to the evolution of Old English to modern English. Also introduces basic concepts of linguistics, the scientific study of the way languages work and the relationship between languages. *Spring, even years.*

360-3 Studies in the American Novel

Study of selected American novels. Prerequisite: Engl 102 or permission. *Spring, even years*

370-3 Images of Woman in Literature

An exploration of the images of woman in literature. Prerequisite: Engl 102 or permission. *Spring, odd years*

401-3 English Grammar

A review of grammatical methodologies. Prerequisite: Engl 102 or permission. *Fall, even years*

414-3 Advanced Multi-Genre Writing

Advanced study and practice of creative non-fiction writing, including personal essays, memoir, cultural criticism, and a multi-genre (narrative, poetry, audio, video, hypertext) research project. This course stresses research methods for creative non-fiction writing. Prerequisite: Engl 102 or instructor's permission. English education majors please note: Engl 314 and Engl 414 do not have to be taken sequentially. *Spring, even years*

420-3 African-American Literature

Study of representative major African-American writers from colonial times to the present, including such figures as Douglass, Hughes, Wright, Ellison, Baldwin, and Walker. Prerequisite: Engl 102 or permission. *Spring, odd years*

190-1-3 Special Topics

290-1-3 Special Topics

390-1-3 Special Topics

490-1-3 Special Topics

Topics will be announced in the yearly schedule. Recent offerings have included Introduction to Poetry, Travel Literature, Literature of the American West, Late Twentieth-Century American Fiction, Classic Modern Short Novels, and Native American Literature. Prerequisite: English 102 or permission.

200-2-4 Directed Studies

300-2-4 Directed Studies

400-2-4 Directed Studies

(by Arrangement)

495-2-4 Independent Study

The following courses in the Theatre Department may also be taken for English credit: Appreciation of Drama, Modern British Drama, Development of Drama to 1900, Development of American Drama, and Masterpieces of Drama.

THEATRE

(Thea)

190-3 Introduction to Theatre

Introductory course in the understanding and appreciation of the theatre arts designed to assist the beginning playgoer and to serve as a background for all formal theatre courses. Open to students at any level. *Fall and spring*

201-1 Drama Performance

Credit for participation in major productions before an audience; may be repeated for credit. Maximum drama performance applicable to a major or minor is four credits, whether as Thea 201 or combined with Thea 202. Thea 201/Thea 202 cannot be used as any of the theatre credits for an art or music concentration. *Fall and spring*

202-1 Theatre Practice

Credit for technical work: stagecraft, lighting, costuming, or other technical aspects of theatre; may be repeated for credit. Maximum theatre practice credits applicable to a major or minor is four, whether as Thea 202 or combined with Thea 201. Thea 201/Thea 202 cannot be used as any of the theatre credits for an art or music concentration. *Fall and spring*

213-3 Acting

An introduction to the basic techniques of acting: stage movement, vocal projection, pantomimic action, and character analysis. There will be laboratory assignments of acting roles from representative plays. *Fall, even years*

220-3 Appreciation of Drama

Introductory course in the understanding and appreciation of the major genres of drama, designed to show how playwrights, both past and present, have shaped their plays in different ways to express different aspects of their times and their diverse attitudes toward life. Open to students at any level. *Spring, odd years*

260-3 Masterpieces of Drama

A comprehensive survey of the drama from the 5th century B.C. to the present, emphasizing the theories of drama and the significance of individual plays with some attention to philosophical, social, and theatrical environments of each play's performance. Prerequisite: Engl 102. *Spring, even years*

303-4 Stagecraft and Lighting

A lecture/laboratory course in the technical aspects of scenic construction, lighting, tools and materials, scenic painting, and beginning design. Prerequisite: Thea 190.

316-3 Development of Drama to 1900

Study of the development of principal styles and forms of world drama from origins in Greece to 1900; application of research strategies and critical principles to world dramatic literature. Prerequisite: Engl 102. *Offered as directed study*

318-3 Development of American Drama

Study of the development of principal styles and forms of American drama from colonial times to the present; application of research strategies and critical principles to American dramatic literature. Prerequisite: Engl 102. Same as Engl 318. *Spring, even years*

319-3 Modern British Drama

Survey of 12th century drama in Britain from Shaw to Stoppard. Prerequisite: Engl 102. Same as Engl 319. *Spring, even years*

321-3 History of the Theatre

Historical survey of the development and evolution of the theatre as an institution from its origins to the present, emphasizing the interaction of the theatre with the socioeconomic and political conditions of each society. *Offered as directed study*

323-3 Acting II

Study and practice in advanced performance techniques and methods and in period styles. Areas of focus will include Greek, Elizabethan,

Restoration, commedia dell'arte, didactic, and experimental forms. Periodic performance projects are required. Prerequisite: Thea 190 or permission. *Fall, odd years*

333-3 Scene Design

An intensive study in the methods and techniques of stage design, including perspective, rendering, working drawings, detail drawings, and styles of design; technical problems, or specific college productions. Prerequisite: Thea 190 or a design course in the Art Department.

335-3 Musical Theatre

Study of the genre from its origins to the present day. The student will be exposed to a substantial number of musical theatre works and their creators through examination of librettos, scores, audio and visual recordings, and live performances. The student will also gain experience in the preparation and presentation of performance projects. Prerequisite: Thea 190 or permission.

350-3 Directing

Fundamental study of principles and techniques of directing and student direction of appropriate scenes for class presentation. A critical examination and practical application of contemporary directing theories of historical and modern plays, including student direction of one-act plays for workshop production. Prerequisite: Thea 190 and permission.

401-4 Senior Project in Play Production

Individual guidance to the production problems and directorial techniques, including selecting, casting, rehearsing, and mounting of plays; student direction of new and experimental plays for a public audience. Prerequisites: Senior standing and permission.

190-1-3 Special Topics

290-1-3 Special Topics

390-1-3 Special Topics

490-1-3 Special Topics

Topics include children's theatre, play writing, the Oriental theatre; stage movement, stage make-up, and theatre management. May be repeated for credit.

200-2-4 Directed Studies

300-2-4 Directed Studies

400-2-4 Directed Studies (by arrangement)

An extensive reading and intensive study of dramatic literature or theatre history to develop a critical sense and the beginning of research methods, with weekly discussions and a series of progress papers; or individual development of advanced techniques in acting or staging through supervised participation in public productions. Admission to directed studies is with permission of the instructor only.

495-1-4 Independent Study

Special experimental seminar or individual development of advanced techniques of research through supervised research projects in dramatic literature or theatre history intended to cover topics not treated by regular course offerings; weekly progress papers and a formal research paper will be submitted. Open to seniors with permission of the instructor.

Fine Arts

Professors Valentine and Wojnar; Associate Professor Cox; Assistant Professors McDermid, McIntyre, and Zamzow; Adjunct Instructors Christiansen, Michaelenko, Braunagel and Schwols.

Mission Statement

The fine arts program at Jamestown College embraces art, music, and theatre as artistic disciplines that have traditionally been an integral part of the liberal arts. The program seeks to help students express themselves through widely varied artistic means.

The program offers three majors:

- Fine Arts-Studio
- Fine Arts-Music
- Fine Arts-Theatre

Students majoring in fine arts are strongly encouraged to work in close cooperation with their respective departments to develop their artistic abilities through participation in the various public outlets available at the College, such as art shows, theatre productions, and musical ensembles.

If further concentration in a particular area beyond that required for the fine arts major is desired, students are encouraged to explore the possibility of a concurrent minor in a particular area.

The requirement for the fine arts major is forty-two semester credits, including twenty-six semester credits in an area of concentration and two approved courses in each of the other areas. The department chair of an area of concentration may recommend additional courses as electives from among its own offerings or from supporting fields in accordance with the student's educational and career objectives.

Foreign Language

Associate Professors Stevenson (chair) and Roth; Assistant Professor Palylyk

Mission Statement

The mission of the Foreign Language Department at Jamestown College is to help prepare the liberal arts student as a citizen of our global community. We seek to expose students to other languages and cultures, thereby broadening their concepts of language, civilization, culture, philosophy, government, religion, geography, art, aesthetics, and literature with a firm anchoring in a Christian perspective and academic excellence. In order to determine student progress toward these ends, the department assesses student learning and departmental effectiveness on a regular basis.

Placement and Advanced Standing in French, German and Spanish

The first semester beginning courses in French, German, and Spanish are aimed at students with no prior instruction in those languages. A student who has completed high school course work in a foreign language is encouraged to consult with foreign language faculty members to receive advanced placement in a course beyond 101.

Students who receive advanced placement into French, German, or Spanish 102 and complete the course with an earned grade of C- or higher will also receive three college credits for 101. Students who enroll directly in a 200-level French, German, or Spanish course will receive six advanced placement credits for language courses at the 101 and 102 levels when they complete the 200-level course with a C- or higher.

The advanced standing credits count on the student's record but do not count as part of the semester course load. The credits count toward fulfilling general education requirements in the area of Global Perspectives. The advanced standing credits will be awarded at no charge to the student.

The Foreign Language Department awards advanced standing credit for 200-level courses based on student performance on CLEP tests, which are administered through the Career Services. There is a charge for the CLEP exams.

Majors in French, German, or Spanish

The Foreign Language Department offers majors in French, German, and Spanish that require twenty-four credit hours of coursework on campus or the equivalent thereof combined with twelve-eighteen credit hours of advanced language study in the student's major language. The advanced credits will be gained during study abroad or participation in a US-based language immersion program. Students wishing to major in French, German, or Spanish must complete all courses leading to the minor at Jamestown College, then take additional coursework in their study abroad to complete the major. Credits gained through advanced placement or CLEP exams will be counted as coursework leading to the minor.

All 400-level courses must be approved by the Foreign Language Department prior to the student's study abroad or participation in an immersion program. Courses in the exchange institution that will meet departmental approval include but are not limited to literature of the target language, film, linguistics, grammar and composition, history, communication and media studies, business, music history, and art history. Courses must be taught in the target language in order to be approved for the major. Successful completion of required coursework while enrolled in the exchange institution is a prerequisite for fulfilling requirements for the major. Students are expected to remain in contact with their on-campus language major advisors during the course of their study abroad.

Students majoring in French, German, or Spanish may participate in an ISEP-sponsored study abroad program, or they may participate in approved summer immersion or study abroad programs (program list available upon request). Students majoring in Spanish may enroll in two summers of post-

Foreign Language

minor study in the MLSA-Jamestown College program at the University of Costa Rica in San Jose. All ISEP participants must present a minimum GPA of 2.75 at the time of application and be accepted into a program that offers the student's major language. The department recommends that students study abroad in their junior year. For more ISEP information, students may consult the ISEP section of this catalog.

Upon returning from study abroad, the student will be required to present the department with evidence of academic achievement, such as papers, exams, and research projects as proof of fulfillment of the major requirements. An official transcript must be sent from the study abroad institution to the Jamestown College Registrar's Office.

Courses in Classical and Biblical Languages

The Foreign Language Department offers beginning Latin (Flan 300: Special Topics) on request. Courses in New Testament Greek (Rel 301, Rel 302) fulfill the Global Perspectives general education requirement. The Religion Department offers courses in Biblical Hebrew on request. Special topics courses at the 300 or 400 level are offered in Spanish Cinema, French Film, and German Film for Conversation on request. These courses are taught in the target language and can replace any 300-level course for the minor or count toward the major.

Other Courses

Special topics courses in secondary foreign language teaching methods and French, German, or Spanish linguistics are offered on request to students majoring in French, German, or Spanish who are working toward secondary education certification in their teaching majors. These courses are part of a provisional program leading to secondary certification in a foreign language.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Requirements for the French Minor

Dept.	Course No.	Course Title	Credits
Fren	101	Beginning French I	3
Fren	102	Beginning French II	3
Fren	201	Intermediate French I	3
Fren	202	Intermediate French II	3
Fren	310	French Conversation and Composition	3
Fren	320	French Culture and Civilization	3
Fren	330	Survey of French Literature	3
Fren	340	Survey of Francophone Literature	3
Total Semester Credits			24

Note: A French 300: Special Topics course can replace another 300-level French course.

Requirements for the German Minor

Dept.	Course No.	Course Title	Credits
Ger	101	Beginning German I	3
Ger	102	Beginning German II	3
Ger	201	Intermediate German I	3
Ger	202	Intermediate German II	3

Ger	310	German Conversation and Composition	3
Ger	320	German Culture and Civilization	3
Ger	330	Survey of German Literature I	3
Ger	340	Survey of German Literature II	3
Total Semester Credits			24

Note: A German 300: Special Topics course can replace another 300-level German course.

Requirements for the Spanish Minor

Dept.	Course No.	Course Title	Credits
Span	101	Beginning Spanish I	3
Span	102	Beginning Spanish II	3
Span	201	Intermediate Spanish I	3
Span	202	Intermediate Spanish II	3
Span	310	Spanish Conversation and Composition	3
Span	320	Culture and Civilization of Spain	3
Span	330	Survey of Spanish Literature	3
Span	340	Survey of Spanish-American Literature	3
Total Semester Credits			24

Note: A Spanish 300: Special Topics course can replace another 300-level Spanish course.

Course Descriptions

FOREIGN LANGUAGES (FLAN)

190-1-3 Special Topics

191-1-3 Special Topics

200-3 Special Topics: Secondary Foreign Language Teaching Methods

An introduction to second-language teaching theories, including methods for developing reading, writing, listening and speaking skills, and approaches to language testing. This course is designed for students majoring in a foreign language who are preparing for secondary education certification in a teaching major. *Offered by request*

300 -3 Special Topics: Beginning Latin I

A fundamental course in the practical aspects of translating classical prose including selections from Caesar, Cicero, and Sallust. Note: Beginning Latin II, a continuation of the first course, will be offered on request. *Offered by request*

200-2-4 Directed Studies

290-1-3 Special Topics

291-1-3 Special Topics

300-2-4 Directed Studies/Special Topics

390-1-3 Special Topics

391-1-3 Special Topics

400-2-4 Directed Studies/Special Topics

490-1-1 Special Topics

491-1-3 Special Topics

(by arrangement)

FRENCH

(FREN)

101-3 Beginning French I

The basic skills of listening, speaking, reading, and writing are developed in class. Laboratory work required. *Fall*

102-3 Beginning French II

A continuation of Fren 101. *Spring*

190-1-3 Special Topics

191-1-3 Special Topics

Foreign Language

201-3 Intermediate French I

Vocabulary development, grammar review, and development of conversational and writing skills are the main goals of this course. Prerequisite: Fren 102 or permission. *Fall*

202-3 Intermediate French II

Discussion and composition skills are developed through the discussion of topics of daily interest in French-speaking countries. Prerequisite: Fren 201 or permission. *Spring*

310-3 French Conversation and Composition

Continued development of fluency in the use of French as a means of oral and written expression and intensive French grammar review are the main emphases. Prerequisite: Fren 202 or permission. *Odd years, Fall*

320-3 French Culture and Civilization

The course consists of a general history of France emphasizing modern trends in French culture and civilization. Conducted in French. Prerequisite: Fren 202 or permission. *Spring, even years*

330-3 Survey of French Literature

The student will read excerpts of French literature from the medieval era to the present. Conducted in French. Prerequisite: Fren 202 or permission. *Fall, even years*

340-3 Survey of Francophone Literature

A survey of Francophone writings and cinema of the Twentieth Century. The course centers on questions of identity in post-colonial Africa and in modern Quebec. A combination of literary works, essays, and films makes up the material for the course. Prerequisites: Fren 202 or permission. *Spring, odd years*

200-2-4 Directed Studies

290-1-3 Special Topics

291-1-3 Special Topics

300-2-4 Directed Studies/Special Topics

390-1-3 Special Topics

391-1-3 Special Topics

400-2-4 Directed Studies/Special Topics

490-1-1 Special Topics

491-1-3 Special Topics

(by arrangement)

GERMAN

(GER)

101-3 Beginning German I

The basic skills of listening, speaking, reading, and writing are developed in class. Laboratory work required. *Fall*

102-3 Beginning German II

A continuation of Ger 101. *Spring*

190-1-3 Special Topics

191-1-3 Special Topics

201-3 Intermediate German I

Vocabulary development, grammar review, and development of conversational and writing skills are the main goals of this class. Prerequisite: Ger 102 or permission. *Fall*

202-3 Intermediate German II

Discussion and composition skills are developed through the study of short prose works by German authors. Prerequisite: Ger 201 or permission. *Spring*

310-3 German Conversation and Composition

Continued development of fluency in the use of German as a means of oral and written expression and intensive German grammar review are the main emphases. Prerequisite: Ger 202 or permission. *Fall, odd years*

320-3 German Culture and Civilization

Students will be exposed to a general history of the German-speaking countries of Europe and will examine modern trends and institutions. Conducted in German. Prerequisite: Ger 202 or permission. *Spring, even years*

330-3 Survey of German Literature I

A survey of German poetry, short stories, essays, and novellas from Goethe to the present. Includes a comprehensive introduction to German literary

terminology. Conducted in German. Prerequisite: Ger 202 or permission. *Fall, even years*

340-3 Survey of German Literature II

A survey of longer prose in German from Goethe to the present, with emphasis on novels and dramas. Representative literature from Germany, Switzerland, and Austria will be presented. Conducted in German. Prerequisite: Ger 202 or permission. *Spring, odd years*

200-2-4 Directed Studies

290-1-3 Special Topics

291-1-3 Special Topics

300-2-4 Directed Studies/Special Topics

390-1-3 Special Topics

391-1-3 Special Topics

400-2-4 Directed Studies/Special Topics

490-1-1 Special Topics

491-1-3 Special Topics

(by arrangement)

SPANISH

(SPAN)

101-3 Beginning Spanish I

The basic skills of listening, speaking, reading, and writing are developed in class. Laboratory work required. *Fall*

102-3 Beginning Spanish II

A continuation of Span 101. *Spring*

190-1-3 Special Topics

191-1-3 Special Topics

201-3 Intermediate Spanish I

Vocabulary development, grammar review, and development of conversational and writing skills are the main goals of this course. Prerequisite: Span 102 or permission. *Fall*

202-3 Intermediate Spanish II

A continuation of 201, involving improvement of vocabulary, conversation, and composition skills, with special attention to the review and introduction of the most advanced structures of language. Prerequisite: Span 201 or permission. *Spring*

310-3 Spanish Conversation and Composition

Development of fluency in the use of Spanish as a means of oral and written expression. Course content focuses on the development of written and oral arguments on controversial topics. Students are challenged to formulate and support opinions, develop their oral and written expression in Spanish, and revise their work with attention to stylistic elements. Prerequisites: Span 202 or permission. *Fall, even years*

320-3 Culture and Civilization of Spain

A comprehensive study of Spanish culture from its origins to the present day: customs, economy, geography, history, fine arts, and philosophical, religious, and political movements. Prerequisite: Span 202 or permission. *Fall, odd years*

330-3 Survey of Spanish Literature

A comprehensive introduction to the most representative literary works in Spain from the early Middle Ages to the contemporary period. Prerequisite: Span 202 or permission. *Spring, even years*

340-3 Survey of Spanish-American Literature

A comprehensive introduction to the most representative literary works in Latin America from the Age of Discovery to the contemporary period, with glimpses of the Spanish-American culture and civilization. Prerequisite: Span 202 or permission. *Spring, odd years*

200-2-4 Directed Studies

290-1-3 Special Topics

291-1-3 Special Topics

300-2-4 Directed Studies/Special Topics

390-1-3 Special Topics

391-1-3 Special Topics

400-2-4 Directed Studies/Special Topics

490-1-1 Special Topics

491-1-3 Special Topics

(by arrangement)

History-Political Science

Professors T. Bratton, Johnson, and Joy (chair)

Mission Statement

The objective of the History-Political Science Department is to equip students with a sufficient background in history and political science so that they may

1. become aware of their cultural heritage,
2. grasp the origins, causes, and nature of important contemporary national and international issues, institutions, and movements, and
3. have the essentials of a civic education, i.e., knowing how American government works, how people participate in it, and having an awareness of issues associated with American politics, both descriptive and normative.

The department provides its majors and minors with suitable preparation for their subsequent careers as teachers, graduate students, lawyers, politicians, and professionals in other related occupations. History is a critical component of the liberal arts tradition. R.G. Collingwood argued that next to philosophy, history was the discipline best suited to synthesize other fields of knowledge into a coherent whole. Political scientists would agree with Aristotle that “man is a political animal” and that the human condition cannot be understood without reference to political motivations.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Requirements for the History Major

Dept.	Course No.	Course Title	Credits
Hist	207	The United States to 1865	3
Hist	208	The United States Since 1865	3
Hist	291	Western Civilization I	3
Hist	292	Western Civilization II	3
Hist	340	Historiography and the Historical Profession	3
Semester Credits			15

Plus *three* of the following courses:

Dept.	Course No.	Course Title	Credits
Hist	222	History of the Middle East	3
Hist	262	History of China	3
Hist	268	History of India	3
Hist	301	Special Readings or Topics in non-U.S. Studies	3
Hist	304	Medieval Europe	3
Hist	305	Ancient Near East	3
Hist	306	Renaissance and Reformation	3
Hist	307	Ancient Greece	3
Hist	308	Ancient Rome	3
Hist	320	Europe, 1900 to Mid-Century	3
Hist	321	European Intellectual History I	3
Hist	322	European Intellectual History II	3
Hist	450	Internship in History (if area involved is non-U.S.)	3
Pols	225	Comparative European Governments	3
Pols	335	European Union	3
Semester Credits			9

Plus *three* of the following courses:

Dept.	Course No.	Course Title	Credits
Hist	301	Selected Readings or Topics in U.S. Studies	3
Hist	303	Civil War and Reconstruction	3
Hist/Educ	312	North Dakota History	3
Hist/Rel	316	History of Religion in American	3
Hist	330	American West	3
Hist	391	American Economic History	3
Hist	450	Internship in History (if area involved is U.S.)	3
Pols	311	Federal Indian Policy	3
Pols	342	American Foreign Policy	3
Semester Credits			9

Plus senior seminar:

Dept.	Course No.	Course Title	Credits
Hist	480	Senior Seminar in History	3
Semester Credits			3
Total Semester Credits			36

Requirements for the Political Science Major

Dept.	Course No.	Course Title	Credits
Pols	104	American National Government	3
Pols	211	Congress and the Presidency (W)	3
Pols	225	Comparative European Governments (W)	3
Pols	233	World Politics (W)	3
Pols	352	U.S. Political Economy (W)	3
Pols	396	Modern Political Thought	3
Semester Credits			18

Plus *three* of the following courses:

Dept.	Course No.	Course Title	Credits
Pols	311	Federal Indian Policy (W)	3
Pols	314	U.S. Constitutional Law	3
Pols	335	The European Union (W)	3
Pols	342	American Foreign Policy (W)	3
Pols	362	The Politics of China (W)	3
Pols	368	The Politics of India (W)	3
Semester Credits			9

Pols 301-3 Special Readings and Topics in American Politics (W), Pols 302-3 Special Readings and Topics in Non-U.S. Politics (W), Pols 450-3 Internship in Political Science (W), or Pols 495-3 Independent Study in Political Science (W) can be used to satisfy one political science elective requirement.

Writing Requirement: Majors write at least three research papers for their political science classes; those classes which offer this as an option or requirement are indicated above with a (W).

Plus *three* of the following non-political science elective courses (9 credit hours):

- Busn** 315, 316, 351, 410;
- Comm** 210, 305, 310, 317, 320, 330, 350, 405, 412;
- CJ** 312, 313, 320, 330;
- Econ** 201, 202, 303, 309, 314, 352, 353, 354, 364, 391;
- Fren** 310, 320, 330, 340;
- Hist** 222, 262, 268, 303, 304, 305, 306, 307, 308, 316, 391;
- Ger** 310, 320, 330, 340;
- Phil** 251, 303, 304, 305, 306, 307;

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Psyc 202, 306, 311, 315, 318, 319, 323, 370;

Rel 304, 305, 316, 320, 371;

Soc 315, 320;

Span 310, 320, 330, 340

Students cannot take both Pols 362 and Hist 262; nor can they take both Pols 368 and Hist 268. Special topics classes offered in the above departments can be used to fulfill this requirement with the approval of the Department of History and Political Science.

Capstone course (3 credits):

Dept.	Course No.	Course Title	Credits
Pols	498	Senior Essay in Political Science	3
		Semester Credits	3
		Total Semester Credits	39

Foreign language is recommended for students who plan to attend graduate school.

Teaching Major: Students who plan to teach history must take these specific courses as part of the thirty-six credits required for the History major.

Requirements for the Secondary History Education Major

Dept.	Course No.	Course Title	Credits
Hist	207	The United States to 1865	3
Hist	208	The United States Since 1865	3
Hist/Educ	312	North Dakota History	3
Hist		Non-Western History Course	3

Plus *one* of the following courses:

Dept.	Course No.	Course Title	Credits
Pols	225	Comparative European Governments	
Pols	233	World Politics	
Pols	335	European Union	3
Pols	342	American Foreign Policy	
Pols		Any Other Current Affairs Course	

These students must also take co-requirements for teacher certification as required by the Teacher Education Department. See the Teacher Education section of this catalog.

Students planning to teach should be sure their program of courses contains some non-U.S. and non-European areas of study.

Requirements for the History Minor

Select *one* of the following two sets of courses (6 credit hours):

Dept.	Course No.	Course Title	Credits
Hist	207	The United States to 1865	3
Hist	208	The United States Since 1865	3
Hist	291 ^{or}	Western Civilization I	3
Hist	292	Western Civilization II	3
		Semester Credits	6

Plus *two* of the following courses (6 credit hours):

Dept.	Course No.	Course Title	Credits
Hist	222	History of the Middle East	3
Hist	262	History of China	3
Hist	268	History of India	3
Hist	291 ^{or}	Western Civilization I (if not taken as one of the above sets)	3
Hist	292	Western Civilization II	3
Hist	301	Special Readings or Topics in non-U.S. Studies	3

Hist	304	Medieval Europe	3
Hist	305	Ancient Near East	3
Hist	306	Renaissance and Reformation	3
Hist	307	Ancient Greece	3
Hist	308	Ancient Rome	3
Hist	320	Europe, 1900 to Mid-Century	3
Hist	321	European Intellectual History I	3
Hist	322	European Intellectual History II	3
Hist	450	Internship in Non-U.S. Studies	3
Semester Credits			6

Plus two of the following courses (6 credit hours):

Dept.	Course No.	Course Title	Credits
Hist	207	The United States to 1865 (if not taken as one of the above sets)	3
Hist	208 ^{or}	The United States Since 1865	
Hist	231	American West	3
Hist	301	Special Readings or Topics in U.S. Studies	3
Hist	303	Civil War and Reconstruction	3
Hist/Educ	312	North Dakota History	3
Hist/Rel	316	Religion in American History	3
Hist	391	American Economic History	3
Hist	450	Internship in U.S. History	3
Semester Credits			6

Plus one of the following senior seminars (3 credit hours):

Dept.	Course No.	Course Title	Credits
Hist	481	Historiography	3
Hist	482	Early American History	3
Hist/Phil	483	Philosophy of History	3
Hist	484	Modern U.S. History	3
Semester Credits			3

The remaining three credit-hours of electives may be taken from any of the categories above	3
Semester Credits	3

Total Semester Credits **24**

Requirements for the Political Science Minor

Dept.	Course No.	Course Title	Credits
Pols	104	American National Government	3
Pols	225	Comparative European Governments (W)	3
Pols	396	Modern Political Thought	3
Semester Credits			9

Plus three of the following elective courses (9 credit hours):

Dept.	Course No.	Course Title	Credits
Pols	211	Congress and the Presidency (W)	3
Pols	233	World Politics	3
Pols	311	Federal Indian Policy (W)	3
Pols	314	U.S. Constitutional Law	3
Pols	335	The European Union	3
Pols	342	American Foreign Policy (W)	3
Pols	352	U.S. Political Economy (W)	3
Pols	362	The Politics of China (W)	3
Pols	368	The Politics of India (W)	3
Semester Credits			9
Total Semester Credits			18

History-Political Science

Pols 301-3 Special Readings and Topics in American Politics (W), Pols 302-3 Special Readings and Topics in Non-U.S. Politics (W), Pols 450-3 Internship in Political Science (W), or Pols 495-3 Independent Study in Political Science (W) can be used to satisfy one political science elective requirement.

Writing Requirement: Minors write at least one research paper for their political science classes; those classes which offer this as an option or requirement are indicated above with a (W).

Requirements for the Global Studies Minor

Dept.	Course No.	Course Title	Credits
Flan		Two consecutive foreign language courses beyond the minimum college requirements	6
Comm	305	Cross-Cultural Communication	3
Semester Credits			9

Plus *three* of the following courses:

Dept.	Course No.	Course Title	Credits
Hist	202	Europe: 1900 to Mid-century	3
Hist	222	History of the Middle East	3
Hist	262	History of China	3
Pols	362 ^{or}	The Politics of China	3
Hist	268	History of India	3
Pols	368 ^{or}	The Politics of India	3
Pols	225	Comparative European Governments	3
Pols	233	World Politics	3
Pols	335	The European Union	3
Semester Credits			9

Special topics classes offered in these departments can be used to fulfill this requirement with the approval of the Department of History and Political Science.

Plus *two* of the following courses:

Dept.	Course No.	Course Title	Credits
Art	312	Comparative Art Forms: East and West	3
Engl	230	English Literature to 1785	3
Engl	231	English Literature from 1785	3
Engl	305	Studies in the British Novel	3
Engl	320	British Romanticism	3
Engl	330	Victorian England	3
Engl	331	Shakespeare	3
Engl	351	History of the English Language	3
Flan		Special topics courses in cultural studies, literature, or film at the 300-level and above	3
Fren	320	French Culture and Civilization	3
Fren	330	Survey of French Literature	3
Fren	340	Survey of Francophone Literature	3
Ger	320	German Culture and Civilization	3
Ger	330	Survey of German Literature I	3
Ger	340	Survey of German Literature II	3
Span	320	Culture and Civilization of Spain	3
Span	330	Survey of Spanish Literature	3
Span	340	Survey of Spanish-American Literature	3
Rel	371	World Religions	3
Soc	121	Introduction to Anthropology	3
Soc	320	Comparative Cultures	3
Semester Credits			6
Total Semester Credits			24

Special topics classes offered in these departments can be used to fulfill this requirement with the approval of the Department of History and Political Science.

Course Descriptions

The abbreviations following course titles indicate how the course may be counted toward general requirements.

HISTORY (Hist)

202-3 Europe: 1900 to Mid-century

Internal developments and the external relations of European states from 1900 to the outbreak of the Cold War.

203-3 European Intellectual History I

A survey of the most influential thinkers of the European tradition from the Middle Ages through the Scientific Revolution. *Fall*

204-3 European Intellectual History II

A continuation of Hist 203, this course focuses on the important thinkers from the Enlightenment to the early 20th century. *Spring*

207-3 The United States to 1865

The United States from the colonial period to the close of the Civil War. *Fall*

208-3 The United States Since 1865

From the Civil War to the present. *Spring*

222-3 History of the Middle East

The development of the Middle East from Muhammad to the modern world, including contemporary problems.

231-3 The American West

The history of frontier expansion from the colonial period through the early 20th century, with primary emphasis on the settlement of the trans-Mississippi West in the 19th century. Also considers the 20th century development of the West. *Open to freshmen*

262-3 History of China

A survey of Chinese history, covering the

earliest dynasties, Imperial unification, political, economic, and social development, foreign challenges, civil war and revolution, Sino-American relations, and contemporary issues in the People's Republic. Not open to students who have already taken Pols 362. *Offered every other spring*

268-3 History of India

A survey of the history, geography, culture, and politics of the Indian subcontinent, investigating its archaeological prehistory, epic culture, Mughal glory, British Raj, independence, and politics and society in contemporary India. *Offered every other spring*

291-3 Western Civilization I

An introduction to the history of the Near East and Europe from prehistoric times to the Renaissance.

292-3 Western Civilization II

Introduction to the history of Western Europe from early modern times to the present.

301-2-4 Special Readings and Topics in U.S. Studies

Individually directed and structured readings or topics in U.S. history. With the department chair's permission, this course can be repeated once if the topics differ sufficiently.

302-1-4 Special Readings and Topics in Non-U.S. Studies

Individually directed and structured readings or topics in non-U.S. history. With the department chair's permission, this course can be repeated once if the topics differ sufficiently.

303-3 The Civil War and Reconstruction

An examination of the sectional controversy, the Antebellum South and slavery, the failure of the political system to resolve peacefully the conflict between the North and South, the conduct of the War, and the nature of Reconstruction.

304-3 Medieval Europe

The development of medieval society, culture,

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religion, and political institutions from A.D. 325 to 1453.

305-3 Ancient Near East

The history and civilization of the various peoples and cultures of the Ancient Near East from prehistoric to Hellenistic times. This will include groups in Egypt, Syria, Palestine, Anatolia, and Mesopotamia. Special attention will be given to how practices, beliefs, and ideas that originated in the Ancient Near East influenced and shaped Jewish and Christian thought as well as Western civilization. Same as Rel 305.

306-3 Renaissance and Reformation

Europe in transition from medieval to early modern institutions and values. Themes include the rediscovery of the classical heritage and reinterpretation of Christianity.

307-3 Ancient Greece

The history and civilization of the Greek world from the Minoan-Mycenaean period to the Hellenistic kingdoms.

308-3 Ancient Rome

The history and civilization of Rome from its foundation to the reign of Diocletian.

312-3 North Dakota History

Same as Educ 312. Will not satisfy a history general requirement. *Spring, even years*

316-3 Religion in American History

An examination of the history of religion in America and the role religion has played in the development of American culture. Emphasis is placed on the development of major American denominations, on non-Christian religions, and on the relationship of religion and politics in America. Same as Rel 316. *Fall odd years*

321-3 European Intellectual History I

A survey of the most influential thinkers of the European tradition from the Middle Ages through the Scientific Revolution.

322-3 European Intellectual History II

A continuation of Hist 203, this course focuses on the important thinkers from the Enlightenment to the early 20th century.

330-3 The American West

The history of frontier expansion from the colonial period through the early 20th century with primary emphasis on the settlement of the trans-Mississippi West in the 19th century. Also considers the 20th century development of the West. *Open to freshmen*

340-3 Historiography and the Historical Profession

A study of how history is written, the ethics and standards of the history profession, and an introduction to various sub-fields within the discipline of history.

391-3 American Economic History

An examination of the history of economic development in America from colonial times to the present. Emphasis is placed on the development of the major agricultural, commercial, financial, industrial, and transportation enterprises in the United States.

450-1-3 Internship in History

A supervised experiential learning course for students interested in public history. A written report on the experience will be required, and preliminary readings and a report from the agency involved may be required.

480-3 Senior Seminar in History

A capstone course in which students will read and discuss advanced historical texts, and each student will conduct an extensive research project. Precise topic or sub-field of history will vary.

POLITICAL SCIENCE (Pols)

104-3 American National Government

An examination of the origins, structures, and processes of the institutions of the U.S. government, with an emphasis on constitutional design. *Fall and spring*

211-3 Congress and the Presidency

This class examines the roles played by the political branches of the U.S. government in the policymaking process. It addresses the history, evolution, and contemporary nature of the executive-legislative relationship, the inputs provided by political parties, interest groups, and political leadership, and how these factors structure and influence the policymaking process in the United States. *Offered every other spring.*

225-3 Comparative European Governments

A survey of the historical and political development of and contemporary politics, institutions, and societies in the United Kingdom, France, and Germany. *Offered every other fall*

233-3 World Politics

An examination of the history and practice of international politics, looking at conceptual approaches, war and peace, institutions of global governance and cooperation, and the structure and functioning of the global political economy. *Offered every other spring*

301-2-4 Special Readings and Topics in U.S. Studies

Individual and structured readings or topics in political science. With the department chair's permission, this course can be repeated once if the topics differ sufficiently.

302-2-4 Special Readings and Topics in Non-U.S. Studies

Individual and structured readings or topics in political science. With the department chair's permission, this course can be repeated once if the topics differ sufficiently.

311-3 Federal Indian Policy

An examination of the U.S. government's policies toward the native peoples of North America. Topics covered include warfare, education and civilization programs, land cessions, Indian citizenship, the debate over tribal citizenship, the debate over tribal sovereignty, and the special concerns of non-reservation Indians.

314-3 U.S. Constitutional Law

This class offers an examination of the powers delegated in the U.S. Constitution as interpreted by the decisions of the Supreme Court. Topics covered vary by semester and may include criminal justice, commerce and tax powers, federalism, privacy, free speech, and others. Prerequisites: Sophomore standing. *Offered every other spring*

335-3 The European Union

An inquiry into the background, structure, and politics of the European Union, covering the history of European integration, the evolution of Europe integration from the 1940s to today, and the theory, practice, and problems of the contemporary EU. *Offered every other fall*

342-3 American Foreign Policy

An examination of the origins, history, and practice of American foreign relations from the Revolution through today, with an emphasis on recurring themes as well as the tensions between ideals and pragmatism. *Offered every other fall*

352-3 U.S. Political Economy

This course investigates political economy, the interplay of politics and economics, focusing on U.S. domestic policymaking. It explores the evolution, structure, and politics of U.S. policymaking in the context of the national and global political economy. *Offered every other fall.*

362-3 The Politics of China

This is a survey of Chinese history and politics from the earliest dynasties through today, covering Chinese political, economic, and social development, Sino-American relations, and the political structures and issues in the contemporary People's Republic of China. Not open to students who have already taken Hist 262. Prerequisite: permission of instructor. *Offered every other spring.*

368-3 The Politics of India

This is a survey of Indian history and politics from its archaeological pre-history through today, covering Indian political, economic, and social

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development, Indo-American relations, and the political structures and issues in the contemporary Republic of India. Not open to students who have already taken Hist 268. *Offered every other spring.*

396-3 Modern Political Thought

This is a seminar on the development of modern political traditions and practice through an engagement with a selection of major political writers from the sixteenth through nineteenth centuries with an emphasis on their influence on American politics. Prerequisites: Junior standing. *Offered every other spring*

401-2-4 Selected Readings or Topics in History-Political Science

Individually directed and structured readings or topics in history and political science.

450-1-3 Internship in Political Science

A supervised experiential learning course for students interested in politics and public policy programs. A written report on the experience will be required, and preliminary readings and a report from the agency involved may be required.

495-3 Independent Study

498-3 Senior Essay in Political Science

This capstone experience allows majors to synthesize what they have learned in their study of politics by designing, investigating, and writing a major research project in political science. Students choose a topic of contemporary political concern and conduct research under the supervision of departmental faculty. *Offered every semester.*

OTHER COURSES: History and Political Science

190-1-3 Special Topics

200-1-3 Directed Studies

290-1-3 Special Topics

300-1-3 Directed Studies

390-1-3 Special Topics

400-1-3 Directed Studies

490-1-3 Special Topics

(by arrangement)

Kinesiology

Assistant Professors Mahoney (chair) and Thorlakson; Instructor Walter; Lecturers Titus, Campbell, Crabtree, Crawford, Frank, Hager, Jensen, Quichocho, Shafer, Ulland, and Wieck.

Mission Statement

Kinesiology is a broad-based discipline offering educational opportunities in diverse areas, including exercise science, health & fitness, physical education teacher education, and coaching. The Department of Kinesiology at Jamestown College provides exceptional instruction and learning experiences that play a vital role in the holistic development of students. Through the academic disciplines, students will gain the knowledge, skills, and abilities required to apply the concepts of physical activity and healthy living in a variety of professional settings. Students will be prepared to pursue a career in the fields of fitness, teaching, or coaching, or continue in graduate studies in exercise physiology, physical therapy, athletic training, or related fields.

A grade of C- or above must be earned in all courses that are required in a major, minor, or emphasis.

Requirements for the Exercise Science Major

Choose one of the following pre-requisites for Biology 208 / 209:

Dept.	Course No.	Course Title	Credits
Biol	150	Intro to Biology I OR	4
Chem	113	Food, Chemistry, and You OR	4
Chem	114	Chemistry for Health Sciences OR	4
Chem	133	General Chemistry I	4
Semester Credits			4

Exercise Science Course Requirements

Dept.	Course No.	Course Title	Credits
KNS	182	Intro to Kinesiology	2
KNS	260	Technology Integration in PE, Health and Fitness	3
KNS	310	Kinesiology	3
KNS	385	Sports First Aid & Injury Care	3
KNS	402	Exercise Physiology	3
KNS	402L	Exercise Physiology Lab	1
KNS	403	Advanced Exercise Physiology	3
KNS	410	Methods in Aerobic & Resistance Training	3
KNS	425	Exercise Science Internship	6
KNS	430	Exercise Prescription and Weight Management	4
KNS	431	Exercise Management in Chronic Disease	3
KNS	452	Senior Seminar in Exercise Science	2
Semester Credits			36

Exercise Science Correlative Requirements

Dept.	Course No.	Course Title	Credits
Biol	208	H. Anatomy & Physiology I – Lecture / Lab	5
Biol	209	H. Anatomy & Physiology II – Lecture / Lab	5
Biol	210	Medical Terminology	1
Busn	320	Marketing	3
Busn	322	Human Resource Management	3
Nrsg	205	Nutrition	2
Psych	101	General Psychology	3
Psych	203 ^{or}	Developmental Psychology	3
Psych	330	Health Psychology	3

Kinesiology

Plus one of the following two courses:

Dept.	Course No.	Course Title	Credits
Psych	317	Motivation and Emotion	3
Psych	302	Abnormal Psychology	3
KNS	415	Sociological and Psychological Aspects of Sport	3

Semester Credits **28**

Total Semester Credits **68**

A total of 128 Semester Credits is required for a Bachelor's Degree
(No less than 48 credits must be upper – division (300 – 400) level)

Other requirements: Current CPR certification –American Heart Association or American Red Cross

Requirements for the Health and Fitness Administration Major

Core Requirements

Dept.	Course No.	Course Title	Credits
KNS	182	Intro to Kinesiology	2
KNS	184	Health Education	3
KNS	217	Essentials of Anatomy and Physiology I	3
KNS	218	Essentials of Anatomy and Physiology II	3
KNS	260	Technology Integration in PE, Health, & Fitness	3
KNS	310	Kinesiology	3
KNS	402	Exercise Physiology	3
KNS	402L	Exercise Physiology Lab	1
KNS	410	Methods in Aerobic & Resistance Training	3
KNS	416	Health and Fitness Internship/Field Experience	2

Semester Credits **26**

Core Business Requirements

Dept.	Course No.	Course Title	Credits
Acct	201	Principles of Accounting I	3
Acct	202	Principles of Accounting II	3
Busn	320	Marketing	3
Busn	321	Business Management	3
Busn	322	Human Resource Management	3
Econ	201	Principles of Economics I: Microeconomics	3

Semester Credits **18**

Correlative Requirements

Choose one of the following two courses:

Dept.	Course No.	Course Title	Credits
Comm	210	Principles of Public Relations	3
Comm	320	Organizational Communication	3

Semester Credits **3**

Total Semester Credits **47**

Other Requirements and Recommendations

Required – Students must be First Aid/CPR certified during their internship

Recommended – Students are encouraged to double major with Business Administration and pass a Personal Training Certification Exam. A training certification prep class will be offered each summer to assist you.

Requirements for the Physical Education Teacher Education (P.E.T.E.) Major

Physical Education Course Requirements

Dept.	Course No.	Course Title	Credits
KNS	182	Intro to Kinesiology	2
KNS	184	Health Education	3
KNS	217	Essentials of Anatomy and Physiology I	3
KNS	218	Essentials of Anatomy and Physiology II	3
KNS	260	Technology Integration in PE, Health, & Fitness	3
KNS	261	Methods & Activities for Teaching Elementary PE	3
KNS	262	Middle School Activities & Materials	3
KNS	263	High School Activities & Materials	3
KNS	264	Teaching Fitness Education	2
KNS	305	Curriculum, Standards, & Assessment of PE	3
KNS	310	Kinesiology	3
KNS	346	Adaptive Physical Education	2
KNS	361	Methods in Physical Education (includes field exp.)	4
KNS	402	Exercise Physiology	3
KNS	402L	Exercise Physiology Lab	1
KNS	450	Seminar in PE	2
Semester Credits			43

And the following activity classes:

KNS		Dance	1
KNS		Swimming	1
KNS		Weight Training and Fitness	1
Semester Credits			3
Total Semester Credits			46

Teacher Education Core/Professional Requirements

Dept.	Course No.	Course Title	Credits
Comm	102	Fundamentals of Public Speaking	3
or Comm	201	Oral Interpretation of Literature	
Comm	305	Cross-Cultural Communication	3
or Soc	320	Comparative Cultures	
Pols	104	American National Government	3
Hist	207	The United States to 1865	
or Hist	208	The United States since 1865	
Math	102	Intermediate Algebra or College Algebra	3

Teacher Education Course Requirements

Dept.	Course No.	Course Title	Credits
Educ	201	Introduction to Teaching [includes field experience]	3
Educ	205	A Study of Native American Cultures	2
Educ	303	Introduction to Teaching Students with Exceptionalities	3
Educ	353	Applied Cognitive Theories	3
Psyc	203	Developmental Psychology	3
Educ	398	Junior Seminar	1
Educ	399B	Classroom Practicum [Secondary] [JR/SR yr, 35 hrs]	1
Educ	450	Special Topics (JR yr)	2
Educ	450	Special Topics (SR yr)	2
Educ	419	Student Teaching in Elementary/Secondary Schools	16

Total Semester Credits

36

*Admission into the Teacher Education program at Jamestown College requires students to progress through three levels (see the Teacher Education section of this catalog for the levels and requirements)

*Physical Education Teacher Education (P.E.T.E.) majors are strongly encouraged to complete an Emphasis In Coaching

Requirements for the Physical Education Major (non-teaching)

Dept.	Course No.	Course Title	Credits
KNS	182	Intro to Kinesiology	2
KNS	184	Health Education	3
KNS	217	Essentials of Anatomy and Physiology I	3
KNS	218	Essentials of Anatomy and Physiology II	3
KNS	260	Technology Integration in PE, Health, & Fitness	3
KNS	310	Kinesiology	3
KNS	346	Adapted Physical Education	2
KNS	402	Exercise Physiology	3
KNS	402L	Exercise Physiology Lab	1
KNS	420	Organization and Administration of Physical Education and Athletics	3
KNS		Physical Education Electives (see advisor)	11
		Semester Credits	37

And the following activity classes:

KNS		Dance	1
KNS		Beginning Swimming	1
KNS		Weight Training and Fitness	1
KNS		Elective activity classes	2
		Semester Credits	5
		Total Semester Credits	42

Requirements for the Physical Education Minor

Dept.	Course No.	Course Title	Credits
KNS	182	Intro to Kinesiology	2
KNS	184	Health Education	3
KNS	217	Essentials of Anatomy and Physiology I	3
KNS	218	Essentials of Anatomy and Physiology II	3
KNS	260	Technology Integration in PE, Health, & Fitness	3
KNS	310	Kinesiology	3
KNS	420	Organization and Administration of Physical Education and Athletics	3
KNS		Theory Electives	4
		Semester Credits	24

And the following activity classes:

KNS		Dance	1
KNS		Beginning Swimming	1
KNS		Weight Training and Fitness	1
KNS		Elective activity classes	2
		Semester Credits	5
		Total Semester Credits	29

Courses Required for the Emphasis in Coaching

Dept.	Course No.	Course Title	Credits
KNS	217	Essentials of Anatomy and Physiology I	3
KNS	218	Essentials of Anatomy and Physiology II	3
KNS	310	Kinesiology	3
KNS	351	Coaching Principles	3
KNS	385	Sport First Aid & Injury Care	3
KNS	415	Sociological and Psychological Aspects of Sports	3

KNS	420	Organization and Administration of Physical Education and Athletics	3
Semester Credits			21

4 credits chosen from the following courses:

KNS	249	Theory of Coaching Football	2
KNS	250	Theory of Coaching Basketball	2
KNS	252	Theory of Coaching Soccer	2
KNS	254	Theory of Coaching Wrestling	2
KNS	255	Theory of Coaching Baseball	2
KNS	257	Theory of Coaching Track and Field	2
KNS	259	Theory of Coaching Volleyball	2
Semester Credits			4
Total Semester Credits			25

Course Descriptions

(KNS)

THEORY COURSES

182-2 Introduction to Kinesiology

A basic course with emphasis on concepts, requirements, trends, career opportunities, and the place of these disciplines in everyday life. *Spring*

184-3 Health Education

This course provides a peripheral view of the fundamental principles and philosophies of personal health as well as school and community health issues that confront education. Emphasis is placed on sound knowledge and attitudes toward one’s health. *Fall and spring*

217-3 Essentials of Anatomy & Physiology I

The study of the shape and structure of the human body as it pertains to the anatomical system. The study of the functions of the human body and its parts as it pertains to the physiological systems. *Fall*

218-3 Essentials of Anatomy & Physiology II

A continuation of KNS 217. Prerequisite: KNS 217 or Bio 208. *Spring*

249-2 Theory of Coaching Football

An in-depth study of the history, foundations, theory, techniques, principles, strategies, and practical applications relating to interscholastic and intercollegiate football. *Spring*

250-2 Theory of Coaching Basketball

An in-depth study of the history, foundations, theory, techniques, principles, strategies, and practical applications relating to interscholastic and intercollegiate basketball. *Fall*

252-2 Theory of Coaching Soccer

An in-depth study of the history, foundations, theory, techniques, principles, strategies, and practical applications relating to interscholastic and intercollegiate soccer. *Spring, odd years*

254-2 Theory of Coaching Wrestling

An in-depth study of the history, foundations, theory, techniques, principles, strategies, and practical applications relating to interscholastic and intercollegiate wrestling. *Spring*

255-2 Theory of Coaching Baseball

An in-depth study of the history, foundations, theory, techniques, principles, strategies, and practical applications relating to interscholastic and intercollegiate baseball. *Fall*

257-2 Theory of Coaching Track and Field

An in-depth study of the history, foundations, theory, techniques, principles, strategies, and practical applications relating to interscholastic and intercollegiate track and field. *Spring*

259-2 Theory of Coaching Volleyball

An in-depth study of the history, foundations, theory, techniques, principles, strategies, and practical applications relating to interscholastic and intercollegiate volleyball. *Spring*

260-3 Technology Integration in Physical Education, Health, and Fitness

This course provides students with a practical understanding of computer software, hardware, and hand held devices and monitors designed to enhance instruction and feedback in a variety of health and physical education related professions. *Fall*

261-3 Methods & Activities for Teaching Elementary Physical Education

This course is designed to teach activities, materials, methods of instruction, planning and development of programs, and basic characteristics of children and how they learn motor skills. This information is applied to teaching, organizing, and evaluating a school physical education program. Prerequisite: PETE or elementary education major or permission. *Spring*

262-3 Middle School Activities & Materials

This course will provide instruction of various fundamental movements for middle school students. Students will be exposed to such activities as team sports, personal fitness, and games. *Fall, odd years*

263-3 High School Activities & Materials

This course will provide instruction of various fundamental movements for high school students. Students will be exposed to lifetime activities and personal fitness. *Fall, even years*

264-2 Teaching Fitness Education

This course will learn how to incorporate health-related physical fitness and lifetime activity into physical education programs. The course will involve an in-depth look at strategies, research, and activities of the Physical Best program and FITNESSGRAM. *Spring, even years*

305-3 Curriculum, Standards, and Assessment in PE

This course connects theory and practice by providing a practical approach to curriculum writing, standards development and assessment techniques used in K-12 physical education programs. *Spring, odd years*

310-3 Kinesiology

An in-depth study of human movement and physiological performance, specifically the musculoskeletal system. An appreciation of the basic principles of assessing the effects of physical activity on the human body. Prerequisite: KNS 217 or Biol 208. *Spring*

346-2 Adaptive Physical Education

A study of the physical education and recreation program designs geared to the needs and desires of

children with various types of physical handicaps. This course provides experience in planning and administering programs, with practical experiences in local community programs. *Fall, odd years*

351-3 Coaching Principles

This course will provide the foundation of what it takes to be a successful coach. Students will complete an examination through the American Sport Education Program that will certify them to coach in 35 states. *Fall*

356-3 Evaluation and Measurement in Physical Education and Recreation

An introduction to the fundamental methodology associated with different evaluation and measuring techniques used in administering written and practical tests. *Offered as needed*

361-4 Methods in Physical Education

This course is designed to teach activities, materials, methods of instruction. This course includes the planning and development of programs and basic characteristics of students. This information is applied to teaching, organizing, and evaluating a school physical education program. Prerequisite: KNS 261, 262 or 263, 264, and 305. *Spring*

385-3 Sport First Aid & Injury Care

This course will cover protocols for conducting emergency action steps in the field of competition. Procedures such as conducting the physical assessments, administering first aid for bleeding, tissue damage, moving an injured athlete, and returning athletes to play will be covered. Strategies for greatly reducing athletes' risk of injury or illness will be covered. Students will complete their CPR and AED certifications in the course. Prerequisite: KNS 217 or Biol 208. *Fall and spring*

402-3 Exercise Physiology

This course includes the application of body processes and exercise that take into consideration variables such as muscular work, fatigue, age, sex, and body type. Intensity, duration, and different types of exercise are discussed. Prerequisite: KNS 218 or Biol 208. *Fall*

402L-1 Exercise Physiology Lab

This course includes the application of body processes and exercise that take into consideration variables such as muscular work, fatigue, age, sex, and body type. Students will have practical experience in monitoring heart rate response, blood pressure, body composition and anthropometric measures. Understanding how the intensity, duration, and frequency of aerobic and anaerobic exercise determine outcome of training will be discussed in the class along with a variety of types of exercises. Prerequisite: KNS 218 or Biol 208. *Fall*

403-3 Advanced Exercise Physiology

Advanced study of exercise physiology including metabolic calculations, physiologic and metabolic responses to acute and chronic exercise and exercise testing, basic ECG reading, understanding abnormal response to exercise and effects of common medications on exercise response. Prerequisite KNS 402. *Offered as needed*

410-3 Methods in Aerobic and Resistance Training

This course will investigate the major components of physical fitness, exercise prescription for aerobic and resistance training and the principles related to their development. The subjects of exercise testing, informed consent along with the benefits and risks associated with exercise will be addressed. The introduction to the modification of exercise for special populations will be covered. Prerequisite: KNS 402. *Fall*

415-3 Sociological and Psychological Aspects of Sport

This course addresses the psychological and social dimensions of coaching. Content includes personality factors of the athlete, motivation, conducting effective practices, cultural and minority problems, and learning and training factors. *Spring*

416-1-8 Health and Fitness Administration Internship

This Capstone experience is the culminating experience in a student's academic preparation, bridging the gap from the academic setting to the professional. Students will utilize the knowledge,

skills and abilities they have mastered and apply them in an approved internship setting. Prerequisite: KNS 403. *Fall, Spring, or Summer*

420-3 Organization and Administration of Physical Education and Athletics

This course analyzes problems of organization, administration, and supervision in interscholastic athletic programs. Curriculum planning and design, budgeting, legal liabilities, administrative policies, and evaluation are included. *Spring*

425-1-8 Exercise Science Internship

This Capstone experience is the culminating experience in a student's academic preparation, bridging the gap from the academic setting to the professional. Students will utilize the knowledge, skills and abilities they have mastered and apply them in an approved internship setting. Prerequisite: KNS 403. *Fall, Spring, or Summer*

430-4 Exercise Prescription and Weight Management

In depth experience in creating safe and effective exercise prescription and progression for healthy populations and modification of exercise programs for special populations. Special emphasis will be placed on body composition, obesity, and exercise prescription for weight management. In depth study of energy balance and nutritional guidelines, consequences of inappropriate weight loss, and exercise prescription for weight management will be covered. Advanced experience in assessing body composition. Prerequisite: KNS 402 and KNS 410. *Spring*

431-3 Exercise Management in Chronic Disease

This course focuses on the care and treatment of clients with chronic disease and/or disability and provides students with knowledge for designing appropriate exercise prescriptions that can positively affect functional capacity and/or slow or prevent exercise intolerance. Students will learn how to develop appropriate exercise prescriptions for clients with chronic diseases including hypertension, heart disease, arthritis, low back pain, fibromyalgia, cancer, osteoporosis, and more. Prerequisite: KNS 402. *Spring*

450-2 Seminar in PE

This is a capstone course to prepare the physical educator for student teaching and seeking

Kinesiology

employment. The course will integrate discussion of strategies for effective instruction, procedures and expectations of student teaching, resume development, and job search skills. Prerequisites: Senior status; semester prior to student teaching. *Fall & spring*

452-2 Senior Seminar in Exercise Science

This Capstone course is designed to prepare students to successfully sit for the ACSM Health Fitness Specialist Examination and prepare students for their professional life. Students will practice the practical fitness assessment skills and the fundamental knowledge required to pass the exam. Mock HFS exam will be taken. Prerequisite: KNS 403 and 430. *Offered as needed.*

ACTIVITY COURSES

111-1 Beginning Swimming

American Red Cross program in beginning swimming. Basic introduction for non-swimmers. *Fall and spring*

207-1 Beginning Weight Training and Fitness

Instruction in the fundamentals and practical applications of weight training and physical fitness principles. *Fall and spring*

208-1 Intermediate Weight Training and Fitness

This course continues and advances the objectives set forth in KNS 207: Beginning Weight Training. It will allow students to work with the overload principle and develop split routines. Prerequisite: KNS 207 or permission. *Fall and spring*

209-1 Advanced Weight Training and Fitness

Participation in strength evaluation. Instruction in designing weight training programs for personal fitness trainers, physical education teachers, coaches, and others working in areas of physical fitness.

215-1 Social and Contemporary Dance I

Instruction and practice in modern and contemporary dance patterns and steps. *Fall and spring*

216-1 Social and Contemporary Dance II

This course is a continuation of KNS 215. It offers a more intense practice and development

of routines for the dances learned in the previous class. *Spring*

219-1 Tennis/Golf

Instruction and practice designed to teach fundamental skills, rules, techniques, and game strategies of tennis and golf. *Fall*

221-1 Bowling

Instruction and practice designed to teach fundamental skills, rules, techniques, and game strategies of bowling. *Spring*

222-1 Racquetball

Instruction and practice designed to teach fundamental skills, rules, techniques, and game strategies of racquetball. *Fall and spring*

270-1 Intercollegiate Athletics

Credit may be earned through satisfactory participation in the following sports: cross country, football, volleyball, basketball, wrestling, baseball, softball, track and field, golf, and soccer. Two credits per sport up to a total of four will count toward the total credits for graduation. *Fall and spring*

216-1

316-1

416-1-8 Health and Fitness Internship/Field Experience

A field experience designed for students to apply classroom study to practical experience in a health and fitness environment. Work sites to be arranged in conjunction with the department chair. *Fall and spring*

425-1-8 Exercise Science Internship

A field experience designed for students to apply classroom study to practical experience in a health and fitness environment. Work sites to be arranged in conjunction with the department chair. *Fall and spring*

190-1-3 Special Topics

200-2-4 Directed Studies

290-1-3 Special Topics

300-2-4 Directed Studies

390-1-3 Special Topics

400-2-4 Directed Studies

490-1-3 Special Topics

495-2-4 Independent Study

Mathematics

Professor Kassemi (chair), Assistant Professors Harpster and Patel

Mission Statement

It is the mission of the department to provide a high quality education and training in mathematics and its applications for its students. This is based on a conviction that mathematical training of students is not only essential for career preparation but also as a cultural grace.

Double Majors

Double majors with mathematics as a component are fruitful and deservedly popular. Currently, most popular combinations are with computer science, business administration, and education.

A grade of C- or above must be earned in all courses that are required in a major or minor.

Requirements for the Mathematics Major

Dept.	Course No.	Course Title	Credits
Math	151	Calculus I	4
Math	152	Calculus II	4
Math (Phys)	203	Physics I	5
Math	230	Fundamentals of Advanced Math	3
Math	253	Calculus III	4
Math	307	Real Analysis	3
Math	315	Linear Algebra	3
Math	352	Ordinary Differential Equations	3
Math	415	Algebraic Structures	3
Math	460	Senior Seminar	2
		Semester Credits	34

Plus 9 credits from the following math electives:

Dept.	Course No.	Course Title	Credits
Math	353	Partial Differential Equations	3
Math	359	Topology	3
Math	401	Mathematical Statistics I	3
Math	402	Mathematical Statistics II	3
Math	403	Discrete Mathematics	3
Math	404	Geometry	3
Math	406	Complex Analysis	3
Math	412	History of Mathematics	3
Math	300,390, 400 490, 495	Directed Study, Independent Study, or Special Topics	3
		Semester Credits	9
		Total Semester Credits	43

Mathematics

Suggested Course Sequence for the Mathematics Major

Freshman Year

Dept.	Course No.	Course Title	Credits
Math	151	Calculus I	4
Math	152	Calculus II	4
Math (Phys)	203	Physics I	5

Sophomore Year

Dept.	Course No.	Course Title	Credits
Math	230	Fundamentals of Advanced Math	3
Math	253	Calculus III	4
Math	315	Linear Algebra	3
Math	352	Ordinary Differential Equations	3

Junior Year

Dept.	Course No.	Course Title	Credits
Math	307	Real Analysis	3
Math	415	Algebraic Structures	3
Math		300-level Electives	3

Senior Year

Dept.	Course No.	Course Title	Credits
Math	460	Senior Seminar	2
Math		Two 400-level Electives	6

Requirements for the Mathematics Minor

Dept.	Course No.	Course Title	Credits
Math	105	Statistics	3
Math	151	Calculus I	4
Math	152	Calculus II	4
Math (Phys)	203	Physics I	5
Math	230	Fundamentals of Advanced Math	3
Math	253	Calculus III	4
Math	315	Linear Algebra	3
Math		Two 400-level Electives	5 or 6

Total Semester Credits

31 or 32

Secondary Mathematics Education

This major is designed for individuals who seek a career in teaching secondary school mathematics. Additional co-requirements for teacher certification are offered by the Teacher Education Department (see the *Teacher Education* section of this Catalog.) Supporting programs in science and/or computer science are encouraged.

Requirements for the Secondary Mathematics Education Major

Dept.	Course No.	Course Title	Credits
Math	105	Statistics	3
Math	151	Calculus I	4
Math	152	Calculus II	4
Math (Phys)	203	Physics I	5

Math	230	Fundamentals of Advanced Math	3
Math	307	Real Analysis	3
Math	315	Linear Algebra	3
Math	404	Geometry	3
Math	410	Secondary Mathematics Education	3
Math	412	History of Mathematics	3
Math	415	Algebraic Structures	3
Math	460	Senior Seminar	2
Total Semester Credits			39

Suggested Course Sequence for the Secondary Mathematics Education Major

Freshman Year

Dept.	Course No.	Course Title	Credits
Math	105	Statistics	3
Math	151	Calculus I	4
Math	152	Calculus II	4

Sophomore Year

Dept.	Course No.	Course Title	Credits
Math (Phys)	203	Physics I	5
Math	230	Fundamentals of Advanced Math	3
Math	307	Real Analysis	3
Math	315	Linear Algebra	3

Junior Year

Dept.	Course No.	Course Title	Credits
Math	404	Geometry III	3
Math	410	Secondary Mathematics Education	3
Math	412	History of Mathematics	3
Math	415	Algebraic Structures	3

Senior Year

Dept.	Course No.	Course Title	Credits
Math	460	Senior Seminar	2

Applied Mathematics (Pre-Engineering)

The engineering degree programs are offered in association with other Engineering Schools in the US.

The 3-2 engineering program provides a three-year course of study at Jamestown College with an additional two years of study in one of many engineering programs at universities around the country. Students completing the program receive two degrees: a Bachelor of Arts degree in mathematics from Jamestown College and a Bachelor of Science in engineering from the university at which they complete their engineering courses.

Requirements for the Applied Mathematics (Pre-Engineering) Major

Dept.	Course No.	Course Title	Credits
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4
Math	151	Calculus I	4
Math	152	Calculus II	4

Mathematics

Math (Phys)	203	Physics I	5
Math (Phys)	204	Physics II	5
Math	253	Calculus III	4
Math	305	Statics	3
Math	306	Dynamics	3
Math	315	Linear Algebra	3
Math	352	Ordinary Differential Equations	3
Math	353	Partial Differential Equations	3
Math		400-level Elective	3
		Total Semester Credits	48

Career opportunities in engineering include emphases in agricultural, chemical, civil, electrical-computer, electronics, communications, geological, industrial, mechanical, and systems science.

Suggested Course Sequence for the 3-2 Engineering Program

Freshman Year

Dept.	Course No.	Course Title	Credits
Math	151	Calculus I	4
Math	152	Calculus II	4
Math (Phys)	203	Physics I	5
Math (Phys)	204	Physics II	5

Sophomore Year

Dept.	Course No.	Course Title	Credits
Math	253	Calculus III	4
Math	305	Statics (If Offered)	3
Math	306	Dynamics (If Offered)	3
Math	352	Ordinary Differential Equations	3
Math	353	Partial Differential Equations	3
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4

Junior Year

Dept.	Course No.	Course Title	Credits
Math	305	Statics (If Offered)	3
Math	306	Dynamics (If Offered)	3
Math	315	Linear Algebra	3
Math		400-level Electives	3-6

Course Descriptions (MATH)

101-3 Ideas in Mathematics

An overview of basic mathematics concepts — logic, sets, number theory, operations and properties of sets of numbers, algebra, geometry, measurement and problem solving, consumer math, and the historical roots of mathematics.
Fall and spring

102-3 Intermediate Algebra

Topics include linear and quadratic equations and inequalities, polynomials, factoring, rational functions, exponents, and graphing. Prerequisite: two years of high school algebra, or by placement.
Offered as needed

105-3 Statistics

An introduction to descriptive and inferential statistics. Intended primarily for students of the social sciences, business, psychology, and

education. Includes organizing and describing data, probability, random variables, sampling distributions, estimation, hypothesis testing, correlation, regression, and analysis of variance. Prerequisite: One year of high school algebra or college equivalent. *Fall and spring*

106-3 Mathematical Applications for Management

A study of math concepts used as tools, specifically in business functions, linear equations and inequalities, linear programming, matrices, mathematics of finance, and math modeling. Prerequisite: Two years of high school algebra or college equivalent. *Offered as needed*

111-3 College Algebra

A study of exponents, radicals, linear and quadratic equations and inequalities, polynomials, rational functions, logarithms, and graphing. Prerequisite: Two years of high school algebra or college equivalent. Placement exam required or a grade of C- or higher in Math 102. *Fall and spring*

112-3 Trigonometry

A study of right-triangle and circular trigonometry, including trigonometric functions, identities, and laws, analytic trigonometry, and applications. Prerequisite: Placement exam or a grade of C- or better in Math 111. *Offered as needed*

130-3 Applied Calculus

Elementary concepts of differential and integral calculus as applied to business and economics. Includes a discussion of limits and continuity. Prerequisite: Two years of high school algebra and trigonometry or college equivalent. *Offered as needed*

143-5 College Physics I (Lec/Lab)

A non-calculus-based introduction to physics, including Newton's laws, energy, linear and angular momentum, conservation laws, simple harmonic motion, and thermodynamics. Prerequisite: Math 112. *Fall*

144-5 College Physics II (Lec/Lab)

A continuation of Math 143. Topics include waves, sound, electricity and magnetism, optics, and atomic physics. Prerequisite: Math 143. *Spring*

151-4 Calculus I

Elementary concepts of differential and integral calculus as applied to algebraic and transcendental functions. Includes a discussion of limits and continuity. Prerequisite: Two years of high school algebra and trigonometry, or college equivalent. Placement exam required. *Fall and spring*

152-4 Calculus II

A continuation of Math 151. A further study of limits and continuity, the derivative and integral vectors, polar coordinates, parametric equations, and applications. Prerequisite: Math 151. *Offered as needed*

203-5 Physics I (Lec/Lab)

A calculus-based introduction to physics including Newton's laws, energy, linear and angular momentum, conservation laws, simple harmonic motion, and thermodynamics. Corequisite: Math 151. *Fall*

204-5 Physics II (Lec/Lab)

A continuation of Math 203. Topics include waves, sound, electricity and magnetism, optics and atomic physics. Prerequisite: Math 203. *Spring*

230-3 Fundamentals of Advanced Mathematics

A study of selected topics designed to prepare the student for advanced mathematics courses. Topics include logic and set theory, methods of proof, mathematical induction, mathematical recursion, and problem solving. Prerequisites: Math 152 or permission. *Fall*

253-4 Calculus III

A continuation of Math 152. Differential and integral calculus in three dimensions with vector analysis. Prerequisite: Math 152. *Offered as needed*

Mathematics

305-3 Engineering Statics

A study of static equilibrium: forces, moments, couples, equilibrium of structures, and friction. Emphasis will be on developing skills in solving engineering problems. Prerequisite: Math 151 and Math 203. *Offered as needed*

306-3 Engineering Dynamics

A study of dynamics of particles and of rigid bodies, work and energy, impulse and momentum, and conservation laws. Prerequisite: Math 151 and Math 203. *Offered as needed*

307-3 Real Analysis

A study of continuity, differentiability, Riemann-Stieltjes integral, and uniform convergence. Prerequisites: Math 230 and Math 253. *Offered as needed*

315-3 Linear Algebra

A study of systems of linear equations, matrices, vector spaces and linear transformations, determinants, eigenvalues, and eigenvectors. Prerequisite: Math 151. *Offered as needed*

352-3 Ordinary Differential Equations

A study of exact equations, integrating factors, undetermined coefficients, linear systems variations of parameters, and Laplace transformations. Prerequisite: Math 152. *Offered as needed*

353-3 Partial Differential Equations

A study of Fourier Series, Fourier Transforms, boundary value problems for partial differential equations of mathematical physics, series solutions, and Sturm-Liouville problems. Prerequisite: Math 253 or Math 352. *Offered as needed*

359-3 Topology

A study of sets, relations, functions, countable and uncountable sets, real numbers, metric and general topological spaces, continuous functions, convergence, compactness, and connectedness. Prerequisites: Math 230 and Math 253. *Offered as needed*

401-3 Mathematical Statistics I

A study of probability density functions, distribution functions, moment generating functions, estimators, and statistical inference. Prerequisite: Math 152. *Offered as needed*

402-3 Mathematical Statistics II

A continuation of Math 401. A study of inference, maximum-likelihood and least-squares estimation, goodness of fit, non-parametric methods, regression analysis, and unbiased estimators. Prerequisite: Math 401. *Offered as needed*

403-3 Discrete Mathematics

A study of sets, binomial coefficients, lattice paths, inclusion-exclusion, combinations and permutations, recursions, induction, and graph theory. Applications to computer science and operations research. Prerequisite: Math 152 or permission. *Offered as needed*

404-3 Geometry

Topics include differential geometry, non-Euclidean geometry, advanced Euclidean geometry, and fractals. Prerequisites: Math 152 and Math 230. *Offered as needed*

406-3 Complex Analysis

A study of complex plane, functions of a complex variable, Cauchy's theorem and integral formula, Taylor's and Laurant's theorems, residue calculus, and conformal mappings. Prerequisites: Math 230 and Math 253. *Offered as needed*

410-3 Secondary Mathematics Education

An applied study of current strategies, materials, technologies, and content related to the learning and teaching of secondary school mathematics. Units and lessons in applied arithmetic, algebra, geometry, functions, probability and statistics, trigonometry, and discrete mathematics, with attention to the historical significance of ideas. Includes hands-on investigations with manipulatives, visuals, graphing calculators, and computers. Also included are graphing and drawing programs. A field experience component

will be required. Required of secondary math education majors. This course will not apply toward the math major or minor requirements. Prerequisite: Math 111. *Offered as needed*

412-3 History of Mathematics

A survey of the history of mathematics from antiquity through the present time. Contributions by various individuals and cultures will be examined. Both European and non-European mathematical developments will be explored, with an emphasis on the interrelationship between mathematics and the culture of the time. Prerequisite: Permission. *Offered as needed*

415-3 Algebraic Structures

A study of basic ideas of abstract algebra that includes groups, rings, vector spaces, fields, and polynomials. Prerequisite: Math 230. *Offered as needed*

460-2 Senior Seminar

An investigation of a mathematical concept that shall culminate in a presentation of a final paper on the subject. *Fall and Spring*

OTHER COURSES: Mathematics

100-2-4 Directed Studies

200-2-4 Directed Studies

300-2-4 Directed Studies

400-2-4 Directed Studies

495-2-5 Independent Study

190-2-4 Special Topics

290-2-4 Special Topics

390-2-4 Special Topics

490-2-4 Special Topics

Music

Professors Valentine (chair) and Wojnar; Assistant Professors McDermid and Zamzow; Lecturers Braunagel, Christensen, and Schwols

Mission Statement

The Music Department at Jamestown College prepares students to become professional musicians, teachers of music, and life-long consumers of music. The curriculum in music is presented as an integral part of the liberal arts tradition and prepares students for professional or postgraduate study. The Music Department at Jamestown College serves the entire college community and Jamestown's surrounding area.

Admittance to the Program

Prospective students who are interested in pursuing a major or minor in music should arrange for an on-campus visit and brief audition. If travel distance is prohibitive a video recording may be submitted. The Admissions Office can assist with such arrangements. Prospective music students are also encouraged to apply for music major scholarships and/or participation scholarships, which are awarded each year.

Students who declare a music performance or music education major are requested to do so in consultation with the department chair.

Individual Performance Progress Assessment

In order to support the primacy of performance in all music majors, students must exhibit musical performance competency on a musical instrument or voice, as demonstrated in a jury the fall semester of the sophomore year. Students will also field questions in the jury that demonstrate a fundamental theoretical and historical knowledge of their art that informs performance, as defined by the applied faculty of individual performance areas (keyboard, voice, and winds/brass/percussion). Weaknesses identified in the jury must be addressed to the satisfaction of the faculty by the spring jury or student will not be permitted to continue in the program

Requirements for the Music Major

A major in music consists of the core requirements plus one of the concentrations.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Core Requirements

Dept.	Course No.	Course Title	Credits
Mus	100	Music Performance Seminar	0
Mus	160	Harmony-Theory I	3
Mus	161	Harmony-Theory II	3
Mus	162	Ear Training I	1
Mus	163	Ear Training II	1
Mus	239	Music History I	3
Mus	262	Ear Training III	1
Mus	263	Ear Training IV	1
Mus	266	Introduction to Conducting	2
Mus	339	Music History II	3
Mus	340	Music History III	3
Mus	360	Harmony-Theory III	3
Mus	361	Harmony-Theory IV	3
Mus		Applied Lessons in one area	8
Mus		Ensemble Music-4 Years* † (i.e. Chapel Choir, Concert Choir, Wind Ensemble)	8
Semester Credits			43

* Consideration given to transfer and late music major declaration students.

† Voice majors must register for Chapel Choir or Concert Choir as their ensemble. Instrumental majors must register for Wind Ensemble as their ensemble.

Piano Proficiency

All music majors and music minors must pass the basic piano proficiency requirement. Please see the department chair for the list of requirements.

Requirements for the Applied Music Major (Music Performance)

The Core Requirements (forty-three credits), plus the following:

- Additional eight credits in the student's primary performance area for a total of sixteen credits
- Junior recital (approximately thirty minutes in length)
- Senior recital (approximately forty-five minutes in length)
- Two semesters of French and/or German
- Two semesters of humanities sequence (i.e., Hist 203 and 204: European Intellectual History I and II, or Hist 291 and 292: Western Civilization I and II).

Requirements for the Music Education Major

The Core Requirements (43 credits), plus the following:

Dept.	Course No.	Course Title	Credits
Educ	201	Introduction to Teaching	3
Educ	205	A Study of North Dakota Native American Cultures	2
Educ	303	Introduction to Teaching Students with Exceptionalities	3
Educ	353	Applied Cognitive Theories	3
Educ	398	Junior Seminar	1
Educ	399	Classroom Practicum	1
Educ	419	Student Teaching: Elementary and Secondary	16
Mus	271	Brass Techniques	2
Mus	272	Woodwind Techniques	2
Mus	273	String Techniques	2
Mus	274	Percussion Techniques	2
Mus	291	Music Methods in the Elementary School	3
Mus	292	Music Methods: Secondary Choral	2
Mus	293	Music Methods: Secondary Instrumental	2
Mus	319	Instructional Media and Technology for Music	3
Mus	325	Junior Recital	0
Mus	363	Choral Arranging	2
Mus	367 or 368	Choral Conducting Instrumental Conducting	2
Mus		Choral Ensemble Music – 1 year* (Chapel Choir or Concert Choir)	2
Psyc	203	Developmental Psychology	3
Total Semester Credits			56

*This applies to instrumental applied students - two semesters of applied work could be substituted for this requirement with approval.

Notes:

- 1) The Pre-Professional Skills Test and the National Teacher Exam of Professional Knowledge are required (see the Teacher Education section of this catalog.)
- 2) Music Education majors must take:

Dept.	Course No.	Course Title	Credits
Comm	102 or	Fundamentals of Public Speaking	3
Comm	201	Oral Interpretation of Literature	

Music

Hist	207 or	The United States to 1865	
Hist	208 or	The United States to 1865	
Pols	104	American National Government	3
Math	102	Intermediate Algebra or higher	3
Comm	305 or	Cross-Cultural Communication or	
Soc	320	Comparative Cultures	3

3) All music education majors must pass a guitar proficiency requirement. Details are available each semester from the Music Department.

Requirements for the Fine Arts Major with a Concentration In Music

The requirements for the music minor plus:

Dept.	Course No.	Course Title	Credits
Art		Two approved courses in art	6
Thea		Two approved courses in theatre*	6
Total Semester Credits			38

*Thea 201 and 202 will not fulfill this requirement.

For additional information on the fine arts-music major, see the Fine Arts section of this Catalog.

Requirements for the Music Minor

Dept.	Course No.	Course Title	Credits
Mus	160	Harmony-Theory I	3
Mus	161	Harmony-Theory II	3
Mus	266	Intro to Conducting	2
Mus		Applied Lessons	4
Mus		Ensemble Music-4 years* (Choir or Wind Ensemble)	8
Compliance with recital policy (See dept. chair)			
Piano proficiency requirements (Same as for major)			
Plus two of the following courses:			
Mus	239	Music History I	
Mus	339	Music History II	3
Mus	340	Music History III	
Total Semester Credits			26

*Consideration given to transfer and late music minor declaration students.

Suggested Course Sequence for the Music Major

Freshman Year

Dept.	Course No.	Course Title	Credits
Mus	100	Music Performance Seminar	0
Mus	160	Harmony-Theory I	3
Mus	161	Harmony-Theory II	3
Mus	162	Ear Training	1
Mus	163	Ear Training	1

One of the following two courses:

Mus	121-122	Applied Music	2
Mus	131-132	Applied Music	4

One of the following two courses:

Mus	208	Ensemble Music-Wind Ensemble	2
Mus	209 or	Ensemble Music-Chapel Choir	
Mus	210	Concert Choir	2

Sophomore Year

Dept.	Course No.	Course Title	Credits
Educ	201	Introduction to Teaching (Mus Ed)	3
Educ	205	A Study of Native American Cultures (Mus Ed)	2
Mus	100	Music Performance Seminar	0
Mus	239	Music History I	3
Mus	262	Ear Training III	1
Mus	263	Ear Training IV	1
Mus	266	Introduction to Conducting	2
Mus	271	Brass Techniques (Mus Ed or Jr year)	2
Mus	272	Woodwind Techniques (Mus Ed or Jr year)	2
Mus	273	String Techniques (Mus Ed or Jr year)	2
Mus	274	Percussion Techniques (Mus Ed or Jr year)	2
Mus	291	Music Methods in the Elementary School (Mus Ed or Jr year)	3
Mus	292	Music Methods: Secondary Choral (Mus Ed or Jr year)	2
Mus	293	Music Methods: Secondary Instrumental (Mus Ed or Jr year)	2
Mus	339	Music History II	3
Psyc	203	Developmental Psychology (Mus Ed)	3

Plus one of the following courses:

Mus	221-222	Applied Music	2
Mus	231-232	Applied Music	4

Plus one of the following courses:

Mus	208	Ensemble Music-Wind Ensemble	2
Mus	209	Ensemble Music-Chapel Choir	2
Mus	210	Concert Choir	2

Junior Year

Dept.	Course No.	Course Title	Credits
Educ	303	Introduction to Teaching Students with Exceptionalities (Mus Ed)	3
Educ	353	Applied Cognitive Theories (Mus Ed)	3
Educ	398	Junior Seminar (Mus Ed)	1
Educ	399	Classroom Practicum (Mus Ed)	1
Mus	100	Music Performance Seminar	0
Mus	271	Brass Techniques (Mus Ed or Soph year)	2
Mus	272	Woodwind Techniques (Mus Ed or Soph year)	2
Mus	273	String Techniques (Mus Ed or Soph year)	2
Mus	274	Percussion Techniques (Mus Ed or Soph year)	2
Mus	291	Music Methods in the Elementary School (Mus Ed or Soph year)	3
Mus	292	Music Methods: Secondary Choral (Mus Ed or Soph year)	2
Mus	293	Music Methods: Secondary Instrumental (Mus Ed or Soph year)	2
Mus	319	Instructional Media and Technology (Mus Ed)	3
Mus	325	Junior Recital	0
Mus	340	Music History III	3
Mus	360	Harmony-Theory III	3
Mus	361	Harmony-Theory IV	3
Mus	363	Choral Arranging (Mus Ed)	2
Mus	367	Choral Conducting	2
Mus	368	Instrumental Conducting	2

Plus one of the following courses:

Mus	321-322	Applied Music	2
Mus	331-332	Applied Music	4

Plus one of the following courses:

Mus	208	Ensemble Music-Wind Ensemble	2
Mus	209 or	Ensemble Music-Chapel Choir	2
Mus	210	Concert Choir	

Senior Year

Dept.	Course No.	Course Title	Credits
Educ	419	Student Teaching: Elementary and Secondary	16
Mus	100	Music Performance Seminar	0
Mus	400	Directed Studies (by arrangement)	2 or 4
Mus	425	Senior Recital	0

Plus one of the following courses:

Mus	421-422	Applied Music	2
Mus	431-432	Applied Music	4

Plus one of the following courses:

Mus	208	Ensemble Music-Wind Ensemble	2
Mus	209 or 210	Ensemble Music-Chapel Choir or Concert Choir	2

Course Descriptions (MUS)

100-0 Music Performance Seminar

The purpose of this seminar, required for all majors, is to bring together music majors, faculty, and guests for discussion of special topics, presentation of projects, performances, and master classes. Grading is pass/fail. *Fall and spring*

101-3 Music Appreciation

This course is a basic survey of the music of the Western world. Emphasis will be placed on elements of music, terminology, and form within an historical context. Students will learn to listen and react to music on an emotional and intellectual level. The goal is to establish in the student a life-long enjoyment of this art form. For non-music majors. *Fall and spring*.

150-2 Vocal Diction I

Study will include the International Phonetic Alphabet for learning pronunciation of English and Italian. Students will recite song texts and sing songs in foreign languages with attention to pronunciation, accent, inflection, and the differences between the spoken and sung language. The student will combine performance with song study and preparation.

151-2 Vocal Diction II

Study will continue to refine and use knowledge of the International Phonetic Alphabet for learning pronunciation of German and French. Students will recite song texts and sing songs in foreign languages with attention to pronunciation, accent, inflection, and the differences between the spoken and sung language. The student will combine performance with song study and preparation.

160-3 Harmony/Theory I

Major and minor scales, intervals, triads, written and aural exercises, and harmonization of figured bass. *Fall*

161-3 Harmony/Theory II

Use of seventh chords, secondary dominants, modulations, and chord progressions in four-part texture. Prerequisite: Mus 160. *Spring*

162-1 Ear Training I

Intervalic, melodic, harmonic, rhythmic dictation, and sight singing. *Fall*

163-1 Ear Training II

Advanced intervalic, melodic, harmonic, rhythmic dictation, and sight singing. Prerequisite: Mus 162. *Spring*

208-1 Wind Ensemble

The wind ensemble allows music majors to refine their professional skills while providing others an opportunity to continue making music at a high level. Music from the traditional band and wind ensemble repertoire representing many genres and stylistic periods will be explored. This course focuses on providing students with experience playing their instrument in a large ensemble context. The wind ensemble rehearses four times each week plus sectionals, performs several concerts each semester, and enjoys a regional tour each year. Membership is open to all with high-school-level proficiency, as assessed by the conductor. *Fall and spring*

209-1 Chapel Choir

Membership by audition. This choir performs at campus functions and at area churches. Two regular rehearsals per week. *Fall and spring*

210-1 Concert Choir

Membership by audition. The choir has a spring tour to various sections of the United States and Canada. Five regular rehearsals per week. *Fall and spring*

212-1-2 Small Ensembles

Both vocal and instrumental ensembles are offered to enrich the music experience of interested and qualified performers. Rehearsals are held at the convenience of the director and the students involved. *Fall and spring*

212A Jazz Ensemble

The jazz ensemble allows music majors to refine their professional skills while providing others an opportunity to continue making music at a high level. Music from the swing, jazz, funk, rock, Latin, and popular repertoire representing many genres and stylistic periods will be explored. This course focuses on providing students with experience playing their instrument in a small ensemble context. The jazz ensemble rehearses two times plus sectionals each week and performs several concerts each semester. Membership is open to all with high-school-level proficiency, as assessed by the conductor. *Fall and spring*

212B Men's Choir

The Men's Choir is a non-auditioned group providing opportunity for the performance of male chorus literature. A multi-faceted range of repertoire includes classical, hymns, spirituals, folk songs, and popular arrangements.

212D Chamber Ensembles

Chamber ensembles allow music majors to refine their professional skills while providing others an opportunity to continue making music at a high level. Music from the orchestral repertoire representing many genres and stylistic periods will be explored. This course focuses on providing students with experience playing their instrument in a small ensemble context. Chamber ensemble rehearses two times plus sectionals each week, and presents several concerts each semester, including the fall musical. Membership is open to all with high-school-level proficiency, as assessed by the conductor. *Fall and spring*

239-3 Music History I: Medieval and Renaissance

This is the first semester of a three-semester sequence of courses. The purpose of the course is to acquaint the student with the major trends in Western music from ancient civilizations through the sixteenth century. The student will study the style, forms, and major composers of the given historical periods. Prerequisite: Mus 161. *Fall*

262-1 Ear Training III

Advanced intervallic and melodic dictation including intervals ascending and descending through the major 10th. Advanced harmonic dictation including secondary triads and sevenths. Advanced sight singing of diatonic and chromatic melodies including modulation. Prerequisite: MUS 163. *Fall*

263-1 Ear Training IV

Further advanced intervallic and melodic dictation including church modes whole-tone scales and non-tonal interval successions. Advanced harmonic dictation including remote modulations, two-part dictation, and augmented sixth chords. Advanced sight singing in major and minor diatonic and chromatic melodies as well as non-tonal and whole tone melodies. Prerequisite: MUS 262. *Spring*

266-2 Introduction to Conducting

An introduction and beginning study of the essential skills and techniques involved in the use of the baton, score reading, and in organizing and directing an ensemble. The course includes practices that apply to both choral and instrumental conducting. Prerequisites: Mus 161 and Mus 163. Co-requisites: Mus 239, Mus 339, or Mus 340, and Mus 360. *Fall, alternate years*

271-2 Brass Techniques

An introduction to the fundamentals of playing, teaching, and maintaining brass instruments, including hands-on experience with various instruments and simulated classroom situations. *Fall, alternate years*

272-2 Woodwind Techniques

An introduction to the fundamentals of playing, teaching, and maintaining woodwind instruments, including hands-on experience with various instruments and simulated classroom situations. *Spring, alternate years*

273-2 String Techniques

An introduction to the fundamentals of playing, teaching, and maintaining string instruments, including hands-on experience with various instruments and simulated classroom situations. *Fall, alternate years*

274-2 Percussion Techniques

An introduction to the fundamentals of playing, teaching, and maintaining percussion instruments, including hands-on experience with various instruments and simulated classroom situations. *Spring, alternate years*

291-2 Music Methods in the Elementary School

Methods and materials used in teaching K-5 music classes, emphasizing Orff and Kodály approaches for developing musicianship in children, with an overview of Dalcroze, Feldenkrais, and Suzuki. Topics include foundations and philosophies of music education, curriculum development, lesson planning, student teacher interaction, diverse learners, assessment of student learning, and program administration. Field observations, classroom simulations, and videotape analysis are

used to help students master skills in each area. Prerequisites: Mus 161 and Mus 163. Corequisite: Mus 239. *Fall, alternate years*

292-2 Music Methods: Secondary Choral

Methods and materials used in teaching in secondary school choral music programs. Topics include foundations and philosophies of music education, curriculum development, lesson planning, student teacher interaction, diverse learners, assessment of student learning, and program administration. Field observations, classroom simulations, and videotape analysis are used to assist students to master skills in each area. Prerequisites: Mus 161 and Mus 163. Corequisite: Mus 239. *Spring, alternate years*

293-3 Music Methods: Secondary Instrumental

Methods and materials used in teaching in secondary school instrumental music programs. Topics include foundations and philosophies of music education, curriculum development, lesson planning, student teacher interaction, learning diversity, assessment of student learning, and program administration. Field observations, classroom simulations and videotape analysis are used to help students master skills in each area. Prerequisite: Mus 160. Corequisite: Mus 239. *Spring, alternate years*

319-3 Instructional Media and Technology for Music

A course designed for music education majors to familiarize them with the national technology education standards, theories, and applications of various media and technologies for use in music education. Practical exercises and assignments will be used. Topics include composition and instrumental arranging using music notation software, sound reinforcement, recording, sound editing, podcasting, music theory training, computer accompaniment, performance assessment, legal, ethical, and social issues with technology use, emphasizing copyright law. Topics that cross-over into the general classroom include roster management, grade books, and SmartBoard™ technology. Prerequisite: computer course or permission. *Fall alternate years*

339-3 Music History II: Baroque and Classical

This is the second semester of a three-semester sequence of courses. The purpose of the course is to acquaint the student with the major trends in Western music from the Baroque and Classical eras. The student will study the style, forms, and major composers of the given historical periods. Prerequisite: Mus 239. *Spring*

340-3 Music History III: Romantic and Modern Eras

This is the third semester of a three-semester sequence of courses. The purpose of the course is to acquaint the student with the major trends in Western music from the Romantic and Modern eras. The student will study the style, forms, and major composers of the given historical periods. Prerequisite: Mus 339. *Fall*

360-3 Harmony/Theory III

An examination of the various late eighteenth and nineteenth century compositional practices and techniques, including borrowed chords, Neapolitan 6th chords, augmented 6th chords, extended tertian harmonies, and altered dominants and their relationship to the style, form, and literature of the period. Prerequisites: Mus 160 and Mus 161. *Fall*

361-3 Harmony/Theory IV

A study of the diverse approaches to musical composition from the last decades of the nineteenth century to the present. Topics include musical impressionism, expressionism, neoclassicalism, neoromanticism, expanded tonality, atonality, and electronic music. Prerequisite: Mus 360. *Spring*

363-2 Choral Arranging

A study of techniques of arranging music for male, female, and mixed vocal groups, including Finale music-notation software. Prerequisites: Mus 163 and Mus 360. *Offered alternate years*

365-2 Orchestration

A study of techniques of arranging music for various instrumental groupings, including Finale music-notation software. Prerequisites: Mus 163 and Mus 360.

367-2 Choral Conducting

A study of the essential gestures, techniques, and administrative skills required to lead a choral ensemble. Topics covered will include gesture, leadership and communication, choral fundamentals, score study, programming, repertoire, and rehearsal techniques. Prerequisite: Mus 266. *Fall, alternate years*

368-2 Instrumental Conducting

A study of the essential gestures, techniques, and administrative skills required to lead an instrumental ensemble. Topics covered will include gesture, leadership, instrumental ensemble fundamentals, score study, programming, repertoire, and rehearsal techniques. Prerequisite: Mus 266. *Spring, alternate years*

460-2 Counterpoint

A study in the contrapuntal practices of J.S. Bach through analysis and written exercises. This course is available as an elective. Prerequisite: 360.

APPLIED LESSONS

Private Instruction

Applied lessons are available in brass, organ, percussion, piano, voice, and woodwinds. By permission of instructors only. Music education majors normally carry one credit of lessons per semester, which represents a one-half-hour lesson per week. Music majors with a concentration in applied music are required to carry two semester credits of lessons per semester, which represent a one-hour lesson per week.

The numbers are assigned to designate the number of previous semesters a student has taken lessons in the same area.

Students who are registered in private studio lessons for credit must perform a jury reviewed by the music faculty at the end of each semester. Students who present a recital before semester break are included in this requirement. Students who present a recital after semester break will consult with their studio lesson teacher as to their jury obligations.

Music

Ensemble Music requirements by area

Voice majors must participate in choral ensembles and instrumental students must participate in instrumental ensembles. Keyboard majors must participate in either choral ensembles or instrumental ensembles. Music majors enrolled in applied music lessons must also be concurrently enrolled in ensemble music for credit.

COURSE NUMBERS FOR APPLIED LESSONS

Semester	1 Course-Credit	2 Course-Credit
First	121-1	131-2
Second	122-1	132-2
Third	221-1	231-2
Fourth	222-1	232-2
Fifth	321-1	331-2
Sixth	322-1	332-2
Seventh	421-1	431-2
Eighth	422-1	432-2

Note: An additional applied lesson fee is required for all students each semester.

325-0 Junior Recital

425-0 Senior Recital

200-2-4 Directed Studies

300-2-4 Directed Studies

400-2-4 Directed Studies

(by arrangement)

These are individual or small group projects that augment the basic music curriculum. Popular directed studies include piano pedagogy, vocal literature, and vocal pedagogy. These courses are intended for music majors who wish to pursue more specialized study. *Fall and spring*

190 1-3 Special Topics

290 1-3 Special Topics

390 1-3 Special Topics

490 1-3 Special Topics

These courses augment the basic music curriculum and are offered periodically subject to student interest and faculty availability. Special topics include piano pedagogy, vocal pedagogy, vocal literature, piano literature, choral literature, wind band literature, orchestral literature, and music technology. These courses are intended for music majors who wish to pursue more specialized study. *Fall and spring*

Nursing

Professors Mangnall (chair) and Rittenbach; Assistant Professors Ash, Fuchs, Gunderson, Hournbuckle, Klose, and Mello; Clinical Instructors Baldwin, Briese, and Swanson

The four-year baccalaureate nursing program at Jamestown College maintains approval by the North Dakota Board of Nursing and accreditation by the National League for Nursing Accrediting Commission, Inc.

National League for Nursing Accrediting Commission (NLNAC)
3343 Peachtree Road NE, Suite 850
Atlanta, GA 30326
Phone: 404-975-5000
Fax: 404-975-5020
www.nlnac.org

Mission Statement

The mission of the Nursing Department is to prepare a generalist in nursing who has the foundation to practice as a professional and/or to pursue graduate studies. The department provides a curriculum based on the concepts that promote holistic health for individuals, families, and communities. The department also serves as a resource for campus and community health-related activities.

Declaration of Major

Students planning to apply to the nursing program are encouraged to declare a nursing major in the freshman year. Declared students receive important communication from the Department of Nursing.

Admissions

There are two types of admissions into the nursing program. 1. The traditional admission occurs after three semesters of nursing prerequisite and general education courses. A student may be admitted conditionally if all admission criteria are not fully met. 2. Some students may be admitted formally into the Nursing major as entering freshmen (refer to the *Jamestown College Catalog*, page 160.)

Applications are available on-line via the Department of Nursing web page during the month of November. Notification letters regarding admission into the nursing program are sent out at the end of December. Students must apply and be accepted to Jamestown College prior to applying for acceptance into the nursing major. The criteria for admission to the nursing major are as follows:

1. Completion of all nursing prerequisites or their equivalents: Psyc 203, Nrsng 205, Biol 208 and lab, Biol 216 and lab, and Soc 101 or Soc 230. Biol 209 and lab may be taken before or concurrently with sophomore courses. Students who receive a D or an F in one prerequisite course may repeat that course and still be eligible to apply for the nursing major. *Students who have received a D or an F in more than one prerequisite course will not be considered for admission into the nursing major.*
2. A cumulative grade point average of 3.0 or higher.
3. Enrollment is limited. Students are admitted to the program using a formula that relies significantly on the cumulative grade point average. The formula used to determine acceptance also gives Jamestown College students some advantage over transfers. No candidate is excluded on the basis of gender, creed, race, or age.
4. Prerequisites cannot be fulfilled via CLEP or PEP.
5. All transcripts of credit transfers from other colleges and universities must be in the Registrar's Office before entrance into the nursing program.

6. Following admission, a grade of C- or above must be earned in all nursing courses. Refer to the Readmission Policy.

Conditional Admission

If class size capacity allows, the Department of Nursing may occasionally admit some students whose C-GPA is near 3.0. Acceptance of these students will be awarded on a conditional basis. Any conditional student receiving a grade below C- in either of the sophomore-level nursing courses will be ineligible to continue in the nursing program. This restriction is placed on the conditional student because the nursing faculty has consistently identified a strong correlation between lower GPAs and academic difficulty in progressing through nursing courses.

Readmission After Nursing Course Failure

Regular Admission

A student receiving a grade below C- in a nursing course will be allowed to continue in the major but will have to repeat and pass the course. Students who have not successfully passed a nursing course are strongly advised to work with their advisor to formulate an academic plan. Students receiving a grade below C- in any subsequent nursing course will be ineligible to continue in the nursing program.

FRESHMAN ADMISSIONS PROCESS

Admission Criteria

A select number of students may be admitted directly into the nursing major on entrance to the college. The following criteria outline the freshman admission process.

1. Applicant must be admitted to Jamestown College before application to the nursing program will be accepted.
2. Minimum high school GPA 3.25 on 4.0 scale.
3. ACT score of 24 or SAT score of 1100.
4. High school biology and chemistry strongly recommended.
5. Possible personal interview.
6. Two professional references from teachers, counselors, or employers.

Progression in the Nursing Major

All freshmen accepted to the nursing program will be required to achieve a minimum cumulative GPA of 3.0 prior to the beginning of the nursing coursework. Failure to achieve a cumulative GPA of 3.0 in pre-nursing courses will make the student ineligible to enter the nursing program in the second semester of their sophomore year. The student may reapply to the program when all admission criteria are met. Freshman students enrolled in the nursing program need to pass all prerequisite courses with a grade of C- or higher. A student earning a grade lower than a C- in two or more prerequisite courses will be deemed ineligible for progression in the nursing program.

All nursing prerequisites or their equivalents must be completed prior to beginning clinical coursework: Psych 203, Nrsrg 205, Biol 208 and lab, Biol 216 and lab, Soc 101 or Soc 223. Biol 209 and lab may be taken before or concurrently with sophomore nursing courses. Students who have received a grade below C- in one prerequisite may repeat that course and still be eligible to apply for the nursing program.

Freshman students accepted into the nursing program are expected to work very closely with their academic advisor to help ensure necessary coursework is completed on time.

CLINICAL REQUIREMENTS

1. All records of rubeola and rubella vaccination or immunity, TB test results (or chest x-ray for those with positive PPD), a record of Hepatitis B vaccination (or release form), and a record of two chicken pox vaccinations, (or a positive titer.) **NOTE: Although the CDC requires a chest x-ray for a positive PPD, students should follow their health care provider's advice.**
2. Disability Accommodation. Reasonable accommodations will be made in assisting students who have disabilities to fulfill clinical and professional requirements. The ultimate determination regarding the reasonableness of accommodations will be based on the preservation of client safety and the resources of Jamestown College and the Department of Nursing. Students requesting disability accommodations should refer to the detailed policy included with the application packet and contact the director of the Learning and Academic Advising Center. For further information regarding Jamestown College's policy on disabilities, please see the Guidelines for Student Requests for Reasonable Accommodation on the Basis of a Learning Disability in the Catalog.
3. A criminal background check will be completed per affiliating healthcare agencies requirements. This process will be initiated by the Department of Nursing. Participation in the criminal background check is necessary for obtaining clearance for a student's participation in clinical learning opportunities at various healthcare facilities. Depending on the criminal background check results, the student may be denied progression in the nursing program. For the complete policy, refer to the Department of Nursing Student Handbook.

FEES AND EXPENSES

Nursing majors pay the designated college expenses. In addition, while enrolled in clinical nursing courses, students will pay some additional expenses related to the clinical experience. A clinical fee of \$250 is added for each clinical course. Uniforms, stethoscopes, and lab supply totes are purchased during the sophomore year. Clinical software costing approximately \$100 dollars is also purchased at this time and that fee continues each year in the nursing program. The software is an application for a hand-held smart phone or other device that can be carried during clinical experiences, therefore the purchase of a smart phone or other hand-held device is required. In the sophomore year, a criminal background check is required which costs approximately \$35. Additionally, there will be costs for required immunizations which will vary according to health insurance and current immunization status. Juniors and seniors also pay an integrated testing fee of \$112 per semester. Transportation to and from clinical facilities is the student's responsibility. Financial aid may cover additional expenses.

Jamestown College provides professional liability insurance for sophomore, junior, and senior nursing students. Coverage only applies while the insured is acting in his/her capacity as a student of the College. Students are expected to provide their own health and accident insurance and required immunizations.

TRANSFER STUDENTS

Applicants with previous college credits are evaluated in terms of college and departmental requirements. Students seeking transfer into the nursing major should contact the director of Admissions for enrollment into the college. All nursing prerequisites must be completed prior to entrance into the second-semester sophomore courses.

RNS AND LPNS

RNs and LPNs wishing to earn baccalaureate degrees may enroll in the nursing program at Jamestown College. It is recognized that RNs and LPNs possess certain requisite knowledge and skills. Therefore, RNs and LPNs may be allowed credit in designated courses. General education requirements may be fulfilled through the approved transfer of previously earned college credit.

The length of time required to complete the baccalaureate program depends on the approved transfer of college credits and whether the student is enrolled part-time or full-time.

A grade of C- or above must be earned in all courses that are required in a major.

Suggested Course Sequence for a Nursing Major

Freshman Year

Dept.	Course No.	Course Title	Credits
Chem	114	Chemistry for Health Science	4
Psyc	203	Developmental Psychology	3
One of the following two courses:			
Soc	101	Introduction to Sociology	3
Soc	230	Sociology of the Family	3

Sophomore Year

Dept.	Course No.	Course Title	Credits
Biol	208	Human Anatomy and Physiology I Lec/Lab	5
Biol	209	Human Anatomy and Physiology II Lec/Lab	5
Biol	216	Microbiology Lec/Lab	4
Nrsg	205	Nutrition	2
Nrsg	206	Health Assessment	3
Nrsg	210	Nursing Foundations	6

Junior Year

Dept.	Course No.	Course Title	Credits
Nrsg	331	Child/Adult Health I	7
Nrsg	332	The Childbearing Family	5
Nrsg	333	Child/Adult Health II	7
Nrsg	334	Child/Adult Mental Health	5
One of the following two courses:			
Psyc	302	Abnormal Psychology	3
Psyc	365	Dynamics of Addiction	

Senior Year

Dept.	Course No.	Course Title	Credits
Nrsg	424	Child/Adult Health III	6
Nrsg	425	Community Health Nursing	6
Nrsg	426	Nursing Management	9
Nrsg	427	Nursing as a Profession	2
Nrsg	490	Special Topics (Elective)	1-2
Nrsg	497	Nursing Research	2
Nrsg	498	ACLS/PALS (Elective)	3
Total Semester Credits			94-95

Note: All graduating seniors must be full-time students (12 credits or more) for spring semester.

RN TO BSN ONLINE PROGRAM

The RN to BSN Online Program enables registered nurses to attain a bachelor of science in nursing from Jamestown College while continuing to work in a location other than Jamestown. In order to accomplish this, the necessary general education courses as well as the didactic portions of required nursing courses are available online. The clinical portions of the nursing classes will be completed at locations to be determined through discussion among the student, the student's academic advisor, and the clinical administrator of the desired health care agency.

General education requirements are the same as those for other nursing students and may be fulfilled through approval of transfer of previously earned college credit. Required nursing courses for the completion of the RN to BSN Program include the following: N336 Pathophysiologic Basis for Pharmacology (3), N497 Nursing Research (2), N425 Community Health Nursing (6), N426 Nursing Leadership/Management (9), N427 Nursing As A Profession (2).

All of the above mentioned 22 credits of required upper division nursing courses will be on-line with clinical experiences in two courses (N425 and N426) planned in the student's home location if possible. The student may also have the opportunity to validate some or all of the clinical requirements for one or both courses based on his/her nursing experience.

Course Descriptions

(Nrsg)

205-2 Nutrition

This course focuses on the role of nutrition principles across the life cycle within the context of various cultures. Food needs for energy, proteins, fats, carbohydrates, and the regulation of vitamins and minerals will be studied in relation to maintaining a healthy nutritional status. The course is designed to provide a foundation for further study of clinical nutrition and has applicability to the student's own nutritional life-style. Open to all students. *Fall*

206-3 Health Assessment

This course includes theory and practice in the collection of subjective and objective health-related data through physical assessment and interview, using classmates for practice. Theory and supervised practice guide the student in recognizing normal and abnormal physiological states and understanding their significance. In addition, the student will be able to use the findings to formulate a therapeutic plan of care. Prerequisites: Must be accepted into nursing major, Biol 208, and Biol 216. Corequisites: Biol 209 and Nrsg 210. *Spring*

210-6 Nursing Foundations

This course focuses on the concepts of people, health, and nursing and serves as the basis for the remaining nursing curriculum. Individuals are viewed as bio-psycho-social-spiritual beings who vacillate on the health care spectrum throughout the life cycle. The role of the nurse in the health care delivery system and principles of medication administration are introduced. The nursing process is used in providing individualized nursing care. Learning experiences are provided in the classroom, learning laboratory, and health care agencies. Prerequisites: Must be accepted into nursing major. Nrsg 205, Biol 208, Biol 216, and Psyc 203. *Spring*

331-7 Child/Adult Health I

The focus is on care of clients through the life cycle. The content areas of the course includes an introduction to care of the surgical patient; care of the patient with inflammation/infection, immune system; renal system alterations; maintenance of fluid and electrolyte/acid-base balance; the musculoskeletal system; care of the client with cancer; and End-of-Life care. Content and learning experiences focus on maintenance of optimum physiological, behavioral, and

social responses relative to the content areas. The nursing process is used to implement the preventive, therapeutic, and supportive care of clients and families evidencing various states of health and illness. Prerequisites: Nrsg 205, Nrsg 206, Nrsg 210, and all supportive courses. *Fall*

332-5 The Childbearing Family

This course focuses on the family who is experiencing the normal human phenomenon of childbirth. The content areas of the course consist of nursing needs and care during the antepartal period, labor and delivery, the postpartal period, and for the normal newborn and the high risk newborn. The reproductive health of men and women throughout the life span is presented. Nursing care approaches incorporate prior learning in the biopsychosocial sciences through the application of the nursing process to the childbearing family. Learning experiences in a variety of settings provide an opportunity to develop knowledge in preventive, supportive, and therapeutic nursing care of clients in the childbearing cycle. Prerequisites: Nrsg 205, Nrsg 206, Nrsg 210, and all supportive courses. *Fall*

333-7 Child/Adult Health II

The primary content areas are maintenance of oxygenation, gastrointestinal, endocrine, and integumentary function. Learning experiences will focus on bio-psycho-social-spiritual assessment and the implementation of nursing interventions to enhance and promote adaptation for the child, adult, and family. Various resources and agencies will be used to provide the student with appropriate nursing care situations. Prerequisite: Nrsg 331. *Spring*

334-5 Child/Adult Mental Health

This course weaves together the threads of research, theory, and practice into a fabric of knowledge and competencies essential to psychiatric-mental health nursing. The content and processes for the care of identified psychiatric patients are emphasized but are also relevant to the care for all those with whom nurses interact. The nurse's role as a multidisciplinary team

member is emphasized. The clinical experience is divided into two components. One clinical component will take place at the State Hospital. The second component will include community clinical experience and a prison health service experience. Prerequisites: Nrsg 205, Nrsg 206, Nrsg 210, and all supportive courses. *Spring*

397-1 Nursing Cooperative Experience

This course is designed to allow students to work in an expanded role as nurse technicians or nurse interns in a health care facility during the summer before their senior year in the nursing major. Students will work under the supervision of registered nurses while they are employed by the health care facility. Registration for this course allows the student to work in the capacity of an intern or a nurse technician rather than as a Certified Nurse Assistant during summer employment. Prerequisites: Nrsg 333 and Nrsg 334. *Summer*

424-6 Child/Adult Health III

This course focuses on the nursing care of clients and families experiencing multiple problems or striving to maintain or regain optimal health within the context of a variety of cultures. The physical systems covered are the cardiovascular and neurological systems. Selected nursing care situations require the student to synthesize knowledge from previous nursing courses and supportive courses while using the nursing process as a framework to provide nursing care. Learning takes place in a variety of settings: classroom, college laboratory, MeritCare, MeritCare Children's Hospital, and the Anne Carlsen Center for Children. Prerequisites: Nrsg 332, Nrsg 333, and Nrsg 334. *Fall*

425-6 Community Health Nursing

This course provides experience in using all prerequisite courses and nursing knowledge as it applies to the health of families, population groups, and communities. Conceptualizing a holistic view of the family/community includes an analysis and interpretation of bio-psycho-social-spiritual factors including culture, community resources, and epidemiology in

relation to health. A synthesis of all steps of the nursing process is applied in working with families. Clinical experiences are gained from involvement with various community agencies. The student gains experience in assuming the role of the nurse in collaborating with health team members in the delivery of primary care. Prerequisites: Nrsrg 332, Nrsrg 333, and Nrsrg 334. *Fall*

426-9 Nursing Management

This course focuses on the development of the student in the role of a beginning nurse leader in a clinical practice discipline. The purpose is to provide the nursing student with the basic concepts and theories needed for nursing management and the crucial components of nursing leadership. The content is focused on skills that nurses need to manage care for groups of patients, manage care within the changing health care environments, manage resources for care, delegate and supervise the work of other licensed and unlicensed assistive personnel, and coordinate care with other health care disciplines. The purpose of the clinical experience is to provide the nursing student with application of skills that support the basic concepts and theories needed for effective management of client care. Prerequisites: Nrsrg 424, Nrsrg 425, and Nrsrg 497. *Spring*

427-2 Nursing as a Profession

This course is an in-depth examination of concepts of nursing, the nursing role, and related issues that influence health care delivery. Both the role of professional nursing within the health care delivery system as well as the role of the individual nurse as an integral member of the health team are analyzed. Nursing is viewed as a dynamic growing profession that is striving to define and develop its unique body of knowledge through nursing theories. Student-directed seminars are used to study current nursing theories. Prerequisites: Nrsrg 424, Nrsrg 425, and Nrsrg 497. *Spring*

497-2 Nursing Research

Nursing research is examined as an inherent component in the development of nursing theory and nursing practice. This course is designed to present the process of nursing research to impart understanding of quantitative and qualitative approaches to generating knowledge. The overarching goal is to enable each student to use research findings and evidence-based clinical practice guidelines in a meaningful way to influence nursing care. Throughout the course the students apply the implications of research for evidence-based practice. Prerequisite: Senior nursing student or permission. *Fall*

498-3 ACLS/PALS

Following successful completion of the course, the student will receive a certification of completion in Advanced Cardiac Life Support and Pediatric Advanced Life Support from the American Heart Association. Students will learn to recognize life-threatening dysrhythmias, utilize appropriate mechanical and pharmacological interventions, and implement advanced airway management skills. The learner will be able to cognitively state and apply the American Heart Association standards and guidelines for advanced emergency cardiac and respiratory care and resuscitation as broadly as possible in a variety of hypothetical situations.

OTHER COURSES: Nursing

190-1-3 Special Topics

200-1-3 Directed Studies

290-1-3 Special Topics

300-1-3 Directed Studies

390-1-3 Special Topics

400-1-3 Directed Studies

490-1-3 Special Topics

(by arrangement)

These on-line courses explore some of the specialties in nursing practice that are introduced in the nursing curriculum but that have not been addressed in a comprehensive way. These courses are elective and may address such topics as palliative care nursing, forensic nursing, parish nursing, and healthcare in global contexts.

Psychology

Assistant Professors Kirkeby (chair) and Wallace; Lecturers Cramer, Crowston, and Wicks

Mission Statement

The mission of the Psychology Department is to contribute to a balanced program in the liberal arts through an emphasis on both scientific and philosophical considerations of the behavior of organisms, including human beings, in order to prepare students for graduate study and/or professional work.

In order to meet the needs of the diversity of students who wish to major in psychology, students may pursue either a Bachelor of Science or a Bachelor of Arts degree. Students whose career goals might include a doctoral degree in psychology should pursue the Bachelor of Science degree. Students whose immediate career goals do not include a doctoral degree (i.e., who wish to enter a master's program in psychology or a related field or enter the job market following graduation) should pursue a Bachelor of Arts degree. Students in any major may pursue the department's addiction counseling concentration.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Core Requirements for Psychology Majors

Dept.	Course No.	Course Title	Credits
Biol	150	Introduction to Biology I with Lab	4
Psyc	101	General Psychology	3
Psyc	201	Psychology in Context	3
Psyc	202	Research Methods	3
Psyc	318	Statistics for the Behavioral Sciences	3

Human Characteristics

Plus one of the following courses:

Psyc	302	Abnormal Psychology Theories of Personality	3
Psyc	311		

Biological Bases of Behavior

Plus one of the following courses:

Psyc	321	Biological Psychology	3
Psyc	330	Health Psychology	3
Psyc	360	Psychopharmacology	3

Experimental Courses

Plus two of the following courses:

Psyc	315	Social Psychology	3
Psyc	317	Motivation and Emotion	3
Psyc	319	Cognition	3

The Capstone Courses

Psyc	391	Junior Seminar	1
Psyc	450	History & Systems	3

Semester Credits **32**

Psyc		Electives	at least 12
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Total minimum for major (required + elective) **44**

Students are encouraged to seek internship experiences in psychology through the Career Resource Center.

Note: Psychology majors should note that some of the courses in the addiction counseling track do not satisfy the requirements in any of the areas above. Specifically, Psyc 411, Psyc 412, Psyc 413, and Psyc 420 will not count as psychology electives for the major or the minor.

Requirements for the Psychology Minor

Dept.	Course No.	Course Title	Credits
Psyc	101	General Psychology	3
Psyc	201	Psychology in Context	3
Psyc	215	Applied Behavior Analysis	3
		Additional courses chosen in consultation with an advisor from the Psychology Department	12
Total Semester Credits			21

Minors in psychology must be declared and the elective courses approved prior to the senior year.

The Addiction Counseling Concentration

The following courses are required for certification as an addiction counselor by the state of North Dakota. These courses, when combined with the psychology core courses, the general education requirements of Jamestown College, and an appropriate grade point average will constitute a bachelor of arts degree in psychology with an addiction counseling concentration. Students are advised that certification as an addiction counselor in North Dakota requires a four-year degree. Because some of these courses are offered only during summer sessions and a number of them have prerequisites, students entering the addiction counseling concentration should carefully plan their program with their faculty advisor.

Courses Required for Addiction Counseling Concentration

Dept.	Course No.	Course Title	Credits
Comm	370	Diversity	3
Psyc	101	General Psychology (prerequisite course)	3
Psyc	203	Developmental Psychology	3
Psyc	299	Sophomore Experience in Addiction Counseling	1
Psyc	302	Abnormal Psychology	3
Psyc	360	Psychopharmacology	3
Psyc	365	Dynamics of Addiction	3
Psyc	401	Professional Ethics	3
Psyc	410	Fundamentals of Counseling	3
Psyc	411	Group Counseling	3
Psyc	412	Advanced Counseling	3
Psyc	413	Family Counseling	3
Psyc	420	Theories of Psychotherapy	3
Psyc	498-499	Training Practicum in Addiction Counseling (if applicable)	6-12
Semester Credits			37-49

1. Psyc 299, 411, 412, 413, and 420 are offered only during the summer session.

Further information on the clinical practicum, work experience, and certification examination requirements for addiction counselors may be obtained from the Psychology Department.

Psychology

Course Descriptions

(PSYC)

101-3 General Psychology

This course examines the foundation of behavior and is an overview of the field of psychology with an emphasis on fundamental processes and principles. Topics that are covered include scientific method, the nervous system and behavior, sensory processes and perception, learning, memory, motivation, cognition, personality, and behavior disorders. The general purpose of the course is to have students demonstrate a knowledge of the basic concepts, principles, theories, and issues related to these topics. This course is a prerequisite for all courses in psychology except Psyc 203. *Fall and spring*

201-3 Psychology in Context

This course includes components on information literacy, critical thinking, writing in APA style, avoiding plagiarism, ethical principles for psychologists, graduate education in psychology, and careers in psychology. Prerequisite or Corequisite: Psyc 101. *Spring*

202-3 Research Methods

This course will provide an introduction to the methodologies used in psychological research. Topics will include naturalistic observation, correlational and regression methods, reliability and validity of measurements, Special attention will be given to techniques that control or reduce error variance. Students will also be introduced to and become proficient with the technical writing style of the American Psychological Association (APA). This course will provide a basic foundation for the understanding of the research process and is intended as a prerequisite for other 300-level psychology courses in which such knowledge is essential. Prerequisites: Psyc 101 and Psyc 201. *Fall*

203-3 Developmental Psychology

This course is an overview of the concepts related to the development of humans from conception to old age. Emphases include the physical,

intellectual, emotional, and social development of normal children, adolescents, and adults. *Fall and spring*

204-3 Adolescent Psychology

This course focuses on the changes in human behavior that occur during adolescence and some of the problems associated with these changes. Issues addressed include transitions in ways of thinking, bodily changes, and ambiguities in the expectation of society. The age range covered is from age 11 to the mid-20s. Prerequisite: Psyc 101 or Psyc 203. *May be taken as a directed study under supervision of appropriate faculty members*

215-3 Applied Behavior Analysis

This course is an introduction to the methods of behavior modification. It surveys the practical application of learning principles to the improvement of behavior in a variety of individual and group settings. Prerequisite: Sophomore standing or permission. *Fall*

299-1 Sophomore Experience in Addiction Counseling

Students in this course will engage in job-shadowing with one or more licensed addiction counselors (LACs) for a one-week period (40 hours) during the summer of the sophomore year (or as soon as possible upon entering Jamestown College if transferring from another school). This experience will take place at South Central Human Services, the North Dakota State Hospital, or some other approved location. The experience will be completed one week over the summer. Pre-requisite: Psyc 365. Requires permission of the department chair. *Summer*

302-3 Abnormal Psychology

This course reviews the modern concepts of psychopathology from the perspective of the most current classification system. It stresses the etiology, diagnosis, and treatment of most of the major and minor behavior disorders. Prerequisite: Psyc 101 or Psyc 203 at least sophomore standing. *Fall and spring*

306-3 Industrial and Organizational Psychology

This course provides an in-depth survey of the application of empirically obtained psychological principles to business and industrial settings. Prerequisite: Psyc 101 or Psyc 203. *May be taken as a directed study under supervision of appropriate faculty member.*

311-3 Theories of Personality

This course provides an introduction to the major theories of personality: psychoanalytic, trait, biological, humanistic, behavioral, and cognitive. Each theory will be critically examined with respect to its ability to explain human behavior and to generate strategies for assessing and modifying personality. Prerequisite: Psyc 101 and at least sophomore standing. *Spring, even years*

315-3 Social Psychology

This course examines the effect of the social situation on individuals' thoughts, feelings, and behaviors. Some of the topics include social perception, attitudes, prejudice, the self, attraction, interpersonal relationships, helping behavior, aggression, and small-group behavior. Same as Soc 315. Prerequisite: Psyc 101 or Psyc 203. *Fall*

316-3 Tests and Measurement

The general objective of this course is to provide an understanding of the basic concepts and principles used in the psychological measurement of human characteristics. Prerequisites: Psyc 318. *May be taken as a directed study under supervision of an appropriate faculty member.*

317-3 Motivation and Emotion

This course provides a basis for understanding the ways in which biological processes, learning, and cognitive components interact to determine human motivation and emotions. Topical coverage includes but is not limited to the history of the study of motivation and emotion, drives and needs, hunger and eating, love and sexuality, arousal and attention, sleep and dreams, drug use and addiction, aggression and anger, stress and health, intrinsic and extrinsic motivation, and

negative and positive emotions. The course will enable students to identify and understand the major theories of motivation and emotion and apply theories to understand their own behavior, thoughts, and feelings. Prerequisite: Psyc 101 or 203 at least sophomore standing. *Spring, even years*

318-3 Statistics for the Behavioral Sciences

This course builds upon material covered in Psyc 202 and is the culmination of the two-course sequence in statistics and design. The course will examine more complex statistics and research methods in psychology, including power, advanced hypothesis testing, factorial designs, one-way and two-way analyses of variance, nonparametric statistics, and advanced statistical computer applications. The major emphases will be on research design, data collection, analysis, interpretation, and professional APA reporting of research results. Students will conduct research under the direction of the instructor and present that research at the research symposium. Prerequisite: Psyc 202. *Spring*

319-3 Cognition

This course presents the empirically based principles of human cognitive behavior. Some topics include perception, attention, memory, visual imagery, categorization, problem solving, decision making, creativity, and expertise. Prerequisite: Psyc 318. *Spring, odd years*

321-3 Biological Psychology

This course covers the biological bases of behavior including the neurophysiological correlates of behavior: learning, memory, emotion, hunger, and thirst. In addition to coverage of the gross anatomical characteristics of the nervous system and the structural and functional characteristics of neuronal and synaptic transmission, emphasis is placed on an overview of research techniques in neuropsychology. Prerequisite: Psyc 101 or Psyc 203. *Spring, odd years*

323-3 Judgment and Decision Making

The purpose of this course is to introduce and discuss the functional uses of critical thinking, problem solving, and decision making as well as prominent psychological theories related to thinking, memory, and language. Students will learn basic strategies that facilitate critical thinking, unbiased judgment, effective problem solving, and superior decision making through the discussion and analysis of research. Pre-requisites: Psyc 101 or 203. *Fall, odd years*

330-3 Health Psychology

The purpose of this course is to explore a variety of health-related issues from a biopsychosocial model. Some of the topics to be covered include health behavior and prevention, stress and coping, management of chronic illness, cardiovascular disease, psychoneuroimmunology, and patient-practitioner relationships. Prerequisite: Psyc 101 or Psyc 203. *Fall, even years*

360-3 Psychopharmacology

This course presents a survey of the historical and sociological perspectives of drug use and abuse, the physiological and psychological effects of drugs, the identification and pharmacological characteristics of drugs, and the legal implications of drug abuse. A special focus on contraindication, drug interactions, and side effects is included. Prerequisites: Psyc 101 and one upper division psychology course or enrollment in the addiction counseling program. *Spring, even years*

365-3 Dynamics of Addiction

This course is intended to explore the theories and scope of addiction from both personal and social viewpoints. It examines the impact of addiction on the individual, the family, and society. Addiction symptomology and causation will be covered. Prerequisites: Psyc 101 or 203. *Fall*

370-3 Psychology of Religion

This course examines the nature and development of religious behavior. Its emphases include philosophical, theoretical, and methodological problems encountered in studying religious behavior and a survey of the available data

pertaining to the acquisition and modification of religious beliefs, attitudes, and behavior from childhood through old age. *Spring, even years*

373-3 Psychology of Human Sexuality

This course is designed to give students breadth of exposure to the psychology of human sexuality in which they will survey behavioral, personality, and psychophysiological components of human sexuality and delineate the facts regarding human sexual behavior. The course will focus on historical and sociocultural views of sexual behavior, anatomy and physiology, communication patterns, emotions, attraction, relationships, love, and sexual health. Course objectives include providing students with the opportunity to study various topics relating to human sexuality in an objective, non-judgmental manner; to assist students in determining and clarifying their values about issues related to human sexuality; to provide information that may assist students in making decisions about sexuality related feelings and behaviors; and to enable students to better understand society's past and current attempts to regulate sexuality. Prerequisite: Sophomore standing. *Fall*

391-1 Junior Seminar

This seminar course is designed to engage students in advanced study of emerging and/or controversial areas. Selected topic areas are intended to draw together the content and theory of major areas in psychology, with an emphasis on enduring issues in the field. Pre-requisites: Psyc 318 or consent of the instructor. Junior psychology majors only. *Spring*

395-1 Thesis Development

The purpose of this course is to survey and critique current original research in psychology. Students will prepare a detailed theoretical and empirical literature review for class presentation. This literature review should point toward a senior thesis the following year. Pre-requisites: Psyc 202 and 318. Specifically for junior psychology majors who plan to complete senior thesis. *Spring*

401-3 Professional Ethics

This course provides a survey of the ethical issues in the practice of psychology. Prerequisites: Psyc 101 and psychology major status. *Spring, odd years*

410-3 Fundamentals of Counseling

A basic course in the principles and techniques of counseling in educational, industrial, and community settings. Prerequisites: Psyc 101 or Psyc 203, at least sophomore standing. *Fall*

411-3 Group Counseling

This course provides a study of the principles and techniques of group work and the application of these principles to counseling. This course does not fulfill elective requirement for the psychology major or minor. Prerequisite: Psyc 410 or enrollment in the addiction counseling program. *Spring, even years*

412-3 Advanced Counseling

This course examines various counseling theories and techniques that emphasize the best known techniques in psychotherapy by means of audio-visual presentation. This course does not fulfill elective requirement the psychology major or minor. Prerequisite: Psyc 410 or enrollment in the addiction counseling program. *Spring, odd years*

413-3 Family Counseling

This course provides a study of family counseling principles and techniques and their application in a variety of settings but with special emphasis on the families of substance abusers. This course does not fulfill elective requirement the psychology major or minor. Prerequisite: Psyc 410 or enrollment in the addiction counseling program. *Fall, odd years*

420-3 Theories of Psychotherapy

This course examines in-depth various theories and approaches to psychotherapy, combining lecture, discussion, and multi-media presentations. This course does not fulfill elective requirement for the psychology major or minor.

Prerequisites: Psyc 410 or enrollment in the addiction counseling program. *Summer, odd years*

430-3 Psychology and Law

This seminar course introduces the student to the interconnected nature of applied psychology and the legal system. Students are offered an opportunity to explore the vast nature of the field and understand the ways in which psychology and the legal system affect and inform each other. Emphasis is on psychology and the courts, juries and jury decision-making, eyewitness testimony, evidence and related issues, the psychology of criminal behavior, and the psychology of law enforcement. Students will have the opportunity to explore elements of course content that are of particular interest to them. Prerequisite: Psyc 101, or Psyc 203, or permission. *May be taken under supervision of appropriate faculty member.*

440-3 Psychology of Gender

This course is an overview of the psychology of gender, its issues, theories, and research methods. A review and examination of both theories and research related to the psychology of gender are conducted. Topics in this course include research methods, biological influences, socialization, relationships and sexuality, and applied settings such as school and work influenced by gender. Prerequisite: Psyc 101 and at least junior standing. *Spring, odd years*

450-3 History and Systems

This course is designed to acquaint students with the historical and philosophical antecedents of contemporary psychology. As such, it is a lecture/discussion class in which it is assumed that the student is already familiar with modern empirical and theoretical psychology. Prerequisites: Psyc 318 and graduating senior or permission of department chair. *Spring*

491-1 Senior Research Seminar

This seminar course is designed to allow senior psychology majors with additional opportunities for advanced study of emerging and/or controversial areas. Selected topic areas are intended to draw together the content and theory of major areas in psychology, with an emphasis on

enduring issues in the field. Pre-requisites: Psyc 391 and Psyc 395. Senior psychology majors. Co-requisite: Psyc 497. *Spring*

497-3-6 Independent Research in Psychology: Senior Thesis

Directed research in a topic area worked out with a member of the psychology faculty. The purpose of this course is to provide the student with direct experience doing research. The thesis should be designed during the second semester of the junior year so that the data may be collected early enough in the fall to permit analysis and submission to a regional psychological association meeting for presentation in the spring and submission for publication before the student graduates. Prerequisite: Permission.

498-3-6 Training Practicum in Addiction Counseling

Addiction counseling students will take course credit while completing their NDBACE-approved training practicum in addiction counseling. This will be accomplished over the course of two consecutive terms (including summer). Students must make acceptable progress in Psyc 498 to be eligible for enrollment in Psyc 499. Students enrolled in Psyc 498 may have no more than two uncompleted addiction counseling concentration

courses. Students with alternative financial support for the training practicum may petition to have this requirement waived.

499-3-6 Training Practicum in Addiction Counseling

Addiction counseling students will take course credit while completing their NDBACE-approved training practicum in addiction counseling. This will be accomplished over the course of two consecutive terms (including summer).

200-1-4 Directed Studies

300-1-4 Directed Studies

400-1-4 Directed Studies (by arrangement)

190-1-4 Special Topics

290-1-4 Special Topics

390-1-4 Special Topics

490-1-4 Special Topics

A study of a wide range of topics in psychology not otherwise included in the department offerings. Minimum enrollment: five students with related interests.

495-2-4 Independent Study

Religion-Philosophy

Professors Lang, S. Reed (chair), and G. Watts; Assistant Professor M. Watts (Director of Character in Leadership); Lecturer Hoke

Mission Statement

The mission of the Religion-Philosophy Department at Jamestown College is to promote the significance of Christian faith and thought for all areas of life and to provide students with a sound educational foundation in the fields of religion and philosophy.

A grade of C- or above must be earned in all courses that are required in a major or a minor.

Requirements for the Religion-Philosophy Major

Dept.	Course No.	Course Title	Credits
Rel	211	Old Testament	3
Rel	212	New Testament	3
Rel	362	Christian Beliefs	3
Rel	296/396 or 297/397	A study of selected texts of the Bible	3
Semester Credits			12
Phil	252	Ethics	3
Three of the following four courses:			
Phil	303	Classical Philosophy	3
Phil	305	Medieval Philosophy	3
Phil	306	Modern Philosophy	3
Phil	307	Recent and Contemporary Philosophy	3
Semester Credits			12
Rel/Phil		Electives	12
Semester Credits			12
Total Semester Credits			36

Recommended Courses

Dept.	Course No.	Course Title	Credits
Rel	371	World Religions	3

Requirements for the Religion Minor

Dept.	Course No.	Course Title	Credits
Rel	211	Old Testament	3
Rel	212	New Testament	3
Rel	362	Christian Beliefs	3
Rel		Electives	9
Total Semester Credits			18

Requirements for the Christian Ministry Minor

Dept.	Course No.	Course Title	Credits
One of the following three courses:			
Comm	101 or 102 or 201	Introductory Communication Course	3
Comm		Fundamentals of Public Speaking	
Comm		Oral Interpretation	

Rel	211	Old Testament	3
Rel	212	New Testament	3
Rel	315	Christian Traditions	3
Rel	319	Introduction to Christian Ministry	3
Rel	362	Christian Beliefs	3
Rel	415	Field Experience	3
Total Semester Credits			21

Requirements for the Philosophy Minor

Dept.	Course No.	Course Title	Credits
Phil	252	Ethics	3

Two from the following four courses:

Phil	303	Classical Philosophy	3
Phil	305	Ancient and Medieval Philosophy	3
Phil	306	Modern Philosophy	3
Phil	307	Recent and Contemporary Philosophy	3
Semester Credits			6

Phil		Electives	9
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Total Semester Credits **18**

Minor in Character in Leadership

Mission Statement

As an academic community dedicated to the pursuit of knowledge in an atmosphere of Christian love, Jamestown College recognizes the need for leaders of integrity and courage who are actively concerned for the needs of our world. Through the Character in Leadership program we commit ourselves to assist students in the development of the knowledge, attitudes, values, and leadership skills that will enable them to live and to influence others to live with the sound character that naturally leads to service for the greater good of all.

Program

The heart of the Character in Leadership program is its academic core. Each student who participates will receive a minor in leadership. Jamestown College values its reputation for quality education and therefore is committed through its Character in Leadership program to providing a broad and sound intellectual foundation that will enable its students to provide ethical leadership in an ever-changing world.

The Character in Leadership program also provides opportunities outside the classroom for students to further their understanding of character and leadership.

- Retreats
 - Off-campus team building experiences
 - Motivational speakers
 - Role playing for skill development
- Group service projects
- Development of a personal leadership plan

Admission to Program

Approximately thirty students are admitted to the program each year. To be considered for admission, students must have a cumulative 3.0 GPA in high school and must submit a separate application to the Character in Leadership program. Applications are available in the Admissions Office and online.

Requirements for the Character in Leadership Minor

Dept.	Course No.	Course Title	Credits
Ldrs	101	Character in Leadership I	3
Ldrs	102	Character in Leadership Seminar I	1
Phil	252	Ethics (Character in Leadership Section)	3
Ldrs	202	Service Project I	1
Ldrs	301	Character in Leadership II	3
Ldrs	302	Service Project II	1
Ldrs	401	Character in Leadership III	3
Ldrs	402	Character in Leadership Seminar II	1
		One elective course chosen in consultation with the director of the Character in Leadership Program	3
		Attendance at all fall conferences (4) and fall retreats (4)	2
		Total Semester Credits	21

Course Sequence for Character in Leadership Minor

Freshman Year

Dept.	Course No.	Course Title	Credits
Ldrs	101	Character in Leadership I	3
Ldrs	102	Character in Leadership Seminar I	1

Sophomore Year

Dept.	Course No.	Course Title	Credits
Ldrs	202	Service Project I	1
Phil	252	Ethics (Character in Leadership Section)	3

Junior Year

Dept.	Course No.	Course Title	Credits
Ldrs	301	Character in Leadership II	3
Ldrs	302	Service Project II	1

Senior Year

Dept.	Course No.	Course Title	Credits
Ldrs	401	Character in Leadership III	3
Ldrs	402	Character in Leadership Seminar II	1

Course Descriptions

RELIGION

(REL)

211-3 Old Testament

A study of the origins and transmission of the Old Testament writings in their historical, religious, and cultural contexts. The messages of these books for their original readers will be examined for their continuing significance for today.

212-3 New Testament

A study of the origins and transmission of the New Testament writings in their historical, religious, and cultural contexts. The messages of these books for their original readers will be examined for their continuing significance for today.

220-3 Psalms

A study of the content, themes, genres, and messages of the book of Psalms. Consideration will be given to the historical and cultural backgrounds that are reflected within the texts. Modern methods for the study of the Psalms

will be used to determine the messages of these Psalms when first written and to reflect on their continuing significance for today.

222-3 Short Stories of the Old Testament

A study of a selection of short stories found in the Old Testament, such as Samson, the birth of Samuel, and David and Bathsheba, as well as short books of the Old Testament, such as Jonah, Ruth, and Esther. Attention will be given to how the stories are entertaining, realistic reflections of everyday life with moral and religious significance.

224-3 Life and Teachings of Jesus

This course will examine the various ways that the life and teachings of Jesus are depicted in Matthew, Mark, Luke, and John. Students will be introduced to literary and historical methods used by modern scholars to study the literary aspects of the gospels as well as the historical details related to the life of Jesus. Attention will be given to the various ways that Jesus has been understood and interpreted in the Gospels and to how the Gospels continue to provide nourishment and challenge to modern day readers.

226-3 Paul's Letters to Corinth

A study of Paul's letters to the Christian church that he founded at Corinth. Attention will be given to the nature and background of the church at Corinth and to the struggles it was undergoing as well as to how Paul's letters provided guidance, direction and challenge to the community there. Paul's understanding of the Christian faith has practical implications for life in this early first century church and has some analogous implications for contemporary concerns.

228-3 Parables

A study of the parables of Jesus in Matthew, Mark, and Luke. Attention will be given to the literary characteristics of these texts as well as to the historical and cultural contexts that shaped them. Consideration will be given to how the parables functioned within the ministry of Jesus and the early church as well as to their continued relevance for today.

230-3 The Spiritual Life

This course investigates the practice and significance of Christian spirituality in the ancient, medieval, and modern periods. Students will read and discuss classic spiritual texts in the Roman Catholic, Protestant, and Eastern Orthodox traditions.

301-3 New Testament Greek I (Beginning)

An introduction to the grammar, syntax, and vocabulary of the Koine Greek of the New Testament. This is the first semester of a two semester course. It is designed to introduce the student to reading the Greek New Testament with the aid of a lexicon. The class will use an inductive approach by reading through the book of First John.

302-3 New Testament Greek II (Beginning)

An introduction to the grammar, syntax, and vocabulary of the Koine Greek of the New Testament. This is the second semester of a two semester course. It is designed to introduce the student to reading the Greek New Testament with the aid of a lexicon. The class will use an inductive approach by reading through 1 John 2:28-5:21; 2 John, 3 John, John 1:1-18.

304-3 Philosophy of Religion

An examination of the classical arguments for the existence of God, the seeking of a definition for religion, and the exploration of the thoughts of several philosophers about religion. Special attention is given to the problem of evil. Same as Phil 304. *Offered every two years*

305-3 Ancient Near East

The history and civilization of the various peoples and cultures of the Ancient Near East from prehistoric to Hellenistic times. This will include groups in Egypt, Syria, Palestine, Anatolia, and Mesopotamia. Special attention will be given to how practices, beliefs, and ideas that originated in the Ancient Near East influenced and shaped Jewish and Christian thought as well as Western civilization. Same as Hist 305. *Offered every other year*

315-3 Christian Traditions

A survey of the differences in theology and polity of the major Christian traditions/denominations (e.g., Catholic, Lutheran, Reformed, Baptist, etc.), particularly as to how those differences influence the practical and daily ministry of the church. Ministers from various traditions represented in the local community will participate. Each student will have the opportunity to engage in a class project related to his/her particular tradition.

316-3 Religion in American History

An examination of the history of religion in America and the role religion has played in the development of American culture. Emphasis is placed on the development of major American denominations, on non-Christian religions, and on the relationship of religion and politics in America. Same as Hist 316.

319-3 Introduction to Christian Ministry

A survey and discussion of various approaches to different forms of ministry in the Church: adult, youth, children, small group, hospital visitation, etc. Ministers from the local community with experience in various areas of ministry will participate. Each student will have an opportunity to engage in a class project in his or her area of interest.

320-3 Reformation

A survey and analysis of the European Reformation during the 16th century. An examination of the life and teachings of various Protestant reformers such as Luther, Calvin, Cranmer, Muntzer, and Menno Simmons as well as Roman Catholic reformers such as Erasmus, Savonarola, and Ignatius of Loyola. A survey of various Christian groups and movements that arose during this time such as Anabaptist, Presbyterian, Lutheran, and Jesuits will also be given. The influence of the period of time for the contemporary understanding of the Christian faith will be addressed.

362-3 Christian Beliefs

An examination of the teachings of classical Christianity—the beliefs that have been held in common by most Christians throughout the centuries. *Offered every two years*

371-3 World Religions

An introduction to major world religions including Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, Islam, and others. Each religion will be studied within its historical context and attention will be given to central concerns of each religion. *Offered every two years*

415-3 Field Education

A course designed to help familiarize the student with the daily practical world of ministry in the local church. Students will work under the supervision of a minister in a local community and a member of the Religion/Philosophy department. Prerequisite: Rel 319 or permission from the department chair. *Note:* This course does not fulfill the general education requirement in religion.

196-2-3

296-2-3

396-2-3 Selected Texts of the Old Testament

An opportunity to examine selected texts and themes of the Old Testament.

197-2-3

297-2-3

397-2-3 Selected Texts of the New Testament

An opportunity to examine selected texts and themes of the New Testament.

190-1-3 Special Topics

290-1-3 Special Topics

390-1-3 Special Topics

490-1-3 Special Topics

A study of the basic works of a prominent theologian or movement or the study of a specialized theme within the field of religion. Topics will vary from offering to offering and will be announced in the class schedule. *Offered occasionally*

Religion-Philosophy

200-2-3

300-2-3

400-2-3 Directed Studies

Prerequisite: At least one year in religion. May not duplicate any regular course in the department without permission from the department chair.

495-2-3 Independent Study

Prerequisite: At least one directed study in religion. May not duplicate any regular course in the department without permission from the department chair.

PHILOSOPHY

(PHIL)

251-3 Introduction to Critical Thinking

An introduction to concepts and methods for understanding and evaluating claims and arguments in everyday life. Attention is given to informal fallacies and to the analysis of deductive and inductive arguments.

252-3 Ethics

A study of the basic problems and chief types of ethical theory and of the rational principles sustaining moral discourse. Sophomore standing required. *Offered every semester*

303-3 Classical Philosophy

An examination of the central themes of western philosophy from their beginnings in the presocratic period through the classical Greek formulations of Plato and Aristotle to the Roman classical period and the writings of the later stoic and neo-platonic philosophers (approx. 800 B.C. to 300 A.D.). *Offered every two years*

304-3 Philosophy of Religion

An examination of the classical arguments for the existence of God, the seeking of a definition for religion, and the exploration of the thoughts of several philosophers about religion. Special attention is given to the problem of evil. Same as Rel 304. *Offered every two years*

305-3 Medieval Philosophy

The examination of medieval philosophical thought from its roots in neoplatonism and the thought of St. Augustine through its scholastic systemization in St. Thomas Aquinas to its beginning transition to modern formulations in the 14th century (approx. 400 A.D. through 1400 A.D.). *Offered every two years*

306-3 Modern Philosophy

The examination of selected philosophical classics from the Renaissance to the early 19th century. *Offered every two years*

307-3 Recent and Contemporary Philosophy

An examination of various philosophical movements of the past century and a half (and today) such as pragmatism, existentialism, and analytic philosophy. *Offered every two years*

351-2-3 Issues in Philosophy

A study of the basic works of a prominent philosopher or movement. The specific topic will change from year to year and will be announced in the class schedule. No prerequisite.

483-3 Philosophy of History

An investigation of the ways in which analytic and speculative thinkers have viewed the nature of history from St. Augustine to contemporary times. Same as Hist 381.

200-2-3

300-2-3

400-2-3 Directed Studies

Prerequisite: At least one year of philosophy. May not duplicate any regular course in the department without permission from the department chair.

190-1-3 Special Topics

290-1-3 Special Topics

390-1-3 Special Topics

490-1-3 Special Topics

495-2-3 Independent Study

Prerequisite: At least one directed study in philosophy. May not duplicate any regular course in the department without permission from the department chair.

Course Descriptions (LDRS)

101-3 Character in Leadership I

The purpose of this course is to study the basic principles of leadership from both theoretical and practical perspectives. The course addresses leadership and ethical theory as well as an introduction to effective communication and group/teamwork. The course will establish a foundation of knowledge and experience with leadership to initiate the development process of the students' personal plans for leadership in their lives. *Fall*

102-1 Character in Leadership Seminar I

The purpose of this seminar is to engage students in discussions about their leadership experiences, ethical questions of leadership that arise from experiences, and problems of ethics and leadership from professionals in the fields of business, government, religion, non-profit service, and other areas. *Spring*

202-1 Service Project I

This course meets weekly to determine, plan, and execute a community service project. Students will work together as a group to examine the needs within the local community and choose a work project that will benefit a particular organization or group of people within the community. Special attention will be given to documenting and reflecting on the group processes. *Spring*

301-3 Character in Leadership II

The purpose of this course is to further study leadership principles from both theoretical and practical perspectives. Students will engage in topics such as Servant Leadership, transforming leadership, and justice and forgiveness. Special attention will be given to leadership that is based on sound ethical foundation. *Spring*

302-1 Service Project II

This course meets weekly to determine, plan, and execute a service project that relates to a global need. Students will work together as a group to determine a work project that will benefit a community or group of people living outside the United States with a particular need (e.g. hunger issues, clean water need, medical help). Special attention will be given to documenting and reflecting on the group process. *Fall*

401-3 Character in Leadership III

The purpose of this course is to continue the exploration of the nature and dynamics of leadership. A continuation of LDRS 301, this course will explore leadership topics such as diversity, creativity in leadership, organizational leadership, and the Servant Leadership model. Students will submit a finalized version of their future action plan for leadership in their lives. *Fall*

402-1 Character in Leadership Seminar II

Students will work in small groups to prepare and present a leadership topic to the freshman leadership students enrolled in LDRS 102. Each student will complete a paper that reflects on the preparation and execution of the presentation. *Spring*

Teacher Education

Professor Hagen (Chair), Associate Professors Anderson and D. Laskowski; Assistant Professor Baldwin

Mission Statement

“Teachers as Reflective Decision-Makers” is the organizing theme that integrates the Jamestown College Teacher Education program’s mission, philosophy, belief statements, and goals. Our mission is to provide opportunities for students to acquire the knowledge, skills, attitudes, and behaviors that will allow them to deliver optimum learning experiences for diverse pupils in changing classroom environments. It is our belief that this program model serves to balance the ideals of the liberal arts tradition and sound professional preparation within a Christian atmosphere of self-discipline, responsibility, and concern for the continuing growth of the individual. This department believes that continual and comprehensive assessment of student learning in our program is essential for determining the achievement of ongoing program goals and supports the use of outcomes assessment results to this end.

Master’s of Education in Curriculum and Instruction

For information regarding this program, please see the Jamestown College graduate publication.

Admission to the Teacher Education Program

Approved areas for teacher licensure at Jamestown College include biology, chemistry, English, foreign language, history, mathematics, music, physical education, and elementary education. (Music education and physical education teacher education are K-12 areas.)

Students in teacher education at Jamestown College progress through three levels in their program.

Level I (entry level)

The entry level is provisional admission and entrance into teacher education and involves several steps as determined by the department and the Teacher Education Council. Students apply for admission to the program while enrolled in Educ 201: Introduction to Teaching.

Provisional admission at the entry level includes the following criteria:

1. Completion of Educ 201: Introduction to Teaching with a minimum grade of C- and satisfactory completion of the 12 hour field experience. This includes completion of the entry level forms during this semester.
2. Minimum grade of C- in Engl 101 and Engl 102
3. Minimum grade of C- in Comm 102 or 201 for the speech requirement
4. Minimum cumulative GPA of 2.70
5. Recommendation from Educ 201 instructor
6. Approval of the advisor, Teacher Education Department, and the Teacher Education Council.
7. Completion of the Praxis I/PPST.

Level II (mid-level)

Upon completion of a minimum of sixty-four credits, students will be considered by the department for mid level continuation in teacher education. Candidates are reviewed on the basis of academic record, character traits, and skills in oral and written communication. If the Teacher Education Council must deny admission to candidates that do not meet the criteria, assistance will be offered through the Career Services for developing other career plans. In addition to unconditional acceptance or denial, the Teacher Education Council may grant a conditional review for provisional admission to the program following a meeting with the teacher education department. Specific criteria for admission can be found in the Policies and Procedures Manual.

Admission at the mid-level includes the following criteria:

1. A grade of C- or above must be earned in all courses that are required in a major or a minor.
2. 2.70 cumulative GPA
3. Successfully completing the Pre-Professional Skills Test (PPST) or Praxis 1 as described below. In order to be recommended for teacher licensure, North Dakota requires students to take the Pre-Professional Skills Test (PPST) prior to applying for licensure and achieve the following minimum scores: Reading 173, Writing 173, Math 170. The state allows a composite score of 516 if two of the three tests are passed with the minimum score.
4. Successful completion of Educ 398: Junior Seminar, Educ 399 Classroom Practicum, and completion of the mid-level forms.

Level III (final level - the Student Teaching Semester)

The semester devoted to student teaching is a demanding one. Students must plan their programs carefully to be free of other classes and activities. Any involvement or participation in on-campus activities must meet with prior approval of the chair of the Education Department. Application for student teaching must be made one semester before the student teaching semester. Out-of-area assignments require student and departmental pre-planning and approval and should begin two semesters before student teaching.

All plans for the student teaching semester must be arranged with the Education Department faculty. Only those elementary and secondary schools that are fully accredited will be used as sites for student teachers. Additional information is available in the Jamestown College Student Teaching Handbook.

Fees: Student teachers will pay a semester fee to be determined by the administration in addition to designated college expenses. Seminars: Local/area student teachers are required to attend seminar sessions as scheduled. Out-of-area student teachers are encouraged to attend available sessions where they are practice teaching.

Note: It is recommended that students take the Praxis II in their content area before student teaching, and the Praxis II PLT during student teaching. Check the ESPB website at www.nd.gov/espb to find test number and cutscore (required for ND licensure). The Praxis II tests are a program exit requirement. Students planning to student teach out of state need to check the state's licensing site for state specific information.

Requirements and Suggested Sequence for the Elementary Education Major

General Education requirements include

Dept.	Course No.	Course Title	Credits
Comm	102	Fundamentals of Public Speaking	3
Comm	201 ^{or}	Oral Interpretation of Literature	
Comm	305	Cross-Cultural Communication	3
Soc	320 ^{or}	Comparative Cultures	
Pols	104	American National Government	3
Hist	207 ^{or}	The United States to 1865	
Hist	208 ^{or}	The United States Since 1865	
Hist		Non-Western History	3
Math	102	Intermediate Algebra	3
Math	111 ^{or}	College Algebra (or higher)	

All students, elementary education majors and students seeking secondary education certification, are required to take one Special Topics (Educ 450) course and one department approved field experience or clinical during their program. Students should plan their courses with their education advisor. Students may choose to take 2 special topics for this requirement.

Teacher Education

Sophomore

Dept.	Course No.	Course Title	Credits
Educ	201	Introduction to Teaching	3
Educ	202	Science for Elementary Teachers	3
Educ	203	Mathematics for Elementary Teachers	3
Educ	205	A Study of Native American Cultures	2
Educ	302	Curriculum and Teaching in the Elementary School	3
Educ	303	Introduction to Teaching Students with Exceptionalities	3
Educ	319	Instructional Media and Technology	3
Educ	353	Applied Cognitive Theories	3
KNS	184	Health Education	3
KNS	261	Methods & Activities for Teaching Elementary PE	3
Psyc	203	Developmental Psychology	3

Junior

Dept.	Course No.	Course Title	Credits
Educ	301	Methods: Elementary Mathematics	3
Educ	305	Managing and Monitoring the Learning Environment	3
Educ	314	Creative Arts in the Schools	3
Educ	315	Methods: Elementary Social Studies	3
Educ	342	Methods: Elementary Language Arts	3
Educ	343	Children's Literature and Reading across the Curriculum	3
Educ	344	Young Adult Literature	3
Educ	351	Geography for Teachers	2
Educ	398	Junior Seminar	1
Educ	399A	Classroom Practicum (Elementary)	1
Educ	415	Methods: Elementary Science	3
Educ	450	Special Topics or Field Experience (in consultation with advisor)	2

Senior

Dept.	Course No.	Course Title	Credits
Educ	405	Methods: Elementary Content Reading	3
Educ	418	Student Teaching in the Elementary School (includes seminars)	16
Educ	418A	Student Teaching in the Elementary School (may only be taken in conjunction with Educ 417-6) (includes seminars)	10
Educ	419	Student Teaching in Elementary and Secondary Schools (includes seminars)	16
Educ	450	Special Topics or Field Experience (in consultation with advisor)	2
Total Semester Credits			83

Concentration Area

In addition to the general education and professional education requirements, each elementary education major must choose, with his or her advisor, an area of concentration with a minimum of sixteen credits. A second option would be to choose two concentrations with a minimum of eight credits in each. Acceptable areas of concentration include biology, chemistry, English, foreign language, history, mathematics, music, physical education, middle school, early childhood, and special needs. Other areas may be acceptable with the approval of the chair of the Education Department. Changing state/federal standards and the common core curriculum may require program modifications.

Requirements and Suggested Sequence for the Early Childhood Education Concentration

The elementary education major wanting to teach pre kindergarten and/or kindergarten must take the starred coursework for the ECH concentration listed below. This will allow them to apply for a kindergarten endorsement along with their elementary education major. Only elementary education students may take this entire concentration, which includes student teaching.

Dept.	Course No.	Course Title	Credits
Educ	*206	Introduction to Early Childhood Education	3
Educ	*350	Language and Literacy Development in Early Childhood	2
Educ	352	Health Issues and Concerns in Early Childhood	2
Educ	354	Early Childhood Program Management	3
Educ	*373	Methods and Materials in Early Childhood Education	3
Educ	*374	Preschool and Day Care Practicum	2
Educ	417	Student Teaching in the Kindergarten (may only be taken in conjunction with Educ. 418A-10) (includes seminars)	6
Total Semester Credits			21

*Courses required for endorsement and two additional hours.

Recommended electives:

Dept.	Course No.	Course Title	Credits
Educ	200/300/400	Directed Studies	1-4
Educ	309	Learning Disabilities	3
Educ	412	Honors tutoring	1
Educ	423	Diagnostic and Corrective Reading	2
Educ	423B	Clinical Field Experience for Educ 423 (must be taken concurrently)	2
Educ	450	Special Topics in Education may include Philosophy of Education, School Law, Portfolios and Brain Research and Assessment, among others	2
Educ	495	Independent Studies	1-4
Mus	291	Music Methods in the Elementary School	3
KNS	246	Adaptive Physical Education	2
Psyc	316	Tests and Measurements	3

Requirements and Course Sequence for Secondary Education Certification

Co-requirement: at least one major in a field taught in public schools. Approved areas for secondary teacher licensure include biology, chemistry, English, foreign language, history, mathematics, music, and physical education. (Music education and physical education teacher education are K-12 areas.)

* All elementary education majors and students seeking secondary education certification are required to take one special topics (Educ 450) course and one clinical field experience during their program. Students should plan their program with their advisor. Students may choose two special topics for this requirement.

Secondary Education Professional Component

General requirements include

Dept.	Course No.	Course Title	Credits
Comm	102	Fundamentals of Public Speaking	3
Comm	201 ^{or}	Oral Interpretation of Literature	
Comm	305	Cross-Cultural Communication	3
Soc	320 ^{or}	Comparative Cultures	

Teacher Education

Pols	104	American National Government	
Hist	207 or	The United States to 1865	3
Hist	208 or	The United States Since 1865	
Math	102	Intermediate Algebra	
Math	111 or	College Algebra (or higher)	3

All secondary education majors must pursue the Bachelor of Arts general education requirements.

Sophomore

Dept.	Course No.	Course Title	Credits
Educ	201	Introduction to Teaching	3
Educ	205	A Study of Native American Cultures	2
Educ	303	Introduction to Teaching Students with Exceptionalities	3
Educ	319	Instructional Media and Technology	3
Educ	353	Applied Cognitive Theories	3
Math	105	Statistics (required for biology and chemistry majors)	3
Psyc	203	Developmental Psychology	3

Junior

Dept.	Course No.	Course Title	Credits
Educ	305	Managing and Monitoring the Learning Environment	3
Educ	308	Principles/Practices of Tchg. in Middle & Secondary Schools	3
Educ	310	Reading Methods: Middle & Secondary Schools	3
Educ	326	English Methods: Middle/Secondary School (required for English majors)	3
Educ	344	Young Adult Literature	3
Educ	351	Geography for Teachers (required for history majors)	2
Educ	398	Junior Seminar	1
Educ	399B	Classroom Practicum (Secondary)	1
Educ	406	Science Methods: Middle/ Secondary School (required for biology and chemistry majors)	3
Educ	407	Social Studies Methods: Middle/Secondary School (required for history majors)	2
Educ	450	Special Topics (in consultation with advisor)	2
Educ	410	Math Methods: Middle and Secondary School (required for math education majors)	3
Mus	291	Music Methods in the Elementary School (required for music majors)	3
Mus	292	Music Methods: Secondary Choral (required for music majors)	2
Mus	293	Music Methods: Secondary Instrumental (required for music majors)	2
KNS	261	Methods & Activities for Teaching Elementary KNS (required for physical education majors)	3
KNS	262	Middle School Activities & Materials (required for kinesiology majors)	3
KNS	263	High School Activities & Materials (required for physical education majors)	3
KNS	361	Methods in Physical Education (required for physical education majors)	4

Additional content area methods requirements can be found in the department sections of the catalog.

Senior

Dept.	Course No.	Course Title	Credits
Educ	419	Student Teaching in Elementary/Secondary Schools (includes seminars)	16
Educ	420	Student Teaching in the Secondary School (includes seminars)	16
Educ	450	Special Topics (in consultation with advisor)	2

Recommended electives:

Educ	200/300/400	Directed Studies	1-4
Educ	309	Learning Disabilities	3
Educ	314	Creative Arts in the school	3
Educ	412	Honors Tutoring	1
Educ	450	Special Topics may include Philosophy of Education, School Law, Portfolios, Brain Research, and Assessment, among others (one is required)	2
Educ	495	Independent Studies	1-4
Psyc	316	Tests and Measurements	3
Flan		A foreign language is highly recommended	

Total Semester Credits

51 plus content

Requirements for Middle School Endorsement (current state requirements)

Dept.	Course No.	Course Title	Credits
Educ	308	Principles/Practices of Tchg. in Middle & Secondary Schools	3
Educ	310	Reading Methods: Middle & Secondary Schools	3
Educ	405 or	Methods: Elementary Content Reading	
Educ	325	Middle School Foundations	3
Psyc	204	Adolescent Psychology	3
		Plus hours in content area	

Special Needs Concentration (16 credits)

Dept.	Course No.	Course Title	Credits
Educ	207	Curriculum Development and Creative Options	3
Educ	208	Assessment / Evaluation	3
Educ	303	Introduction to Teaching Students with Exceptionalities	3
Educ	304	Interpersonal Communication/Collaboration	3
Educ	307	Accommodations/Modifications/Enrichment	3
Educ	309	Learning Disabilities	3
Educ	311	Transition	3
Educ	450	Special Topics: Gifted	3
Educ	450	Readings in Special Needs	1-3

Additional Information for Prospective Secondary Teachers

Prospective secondary teachers need to meet and discuss their programs early with both their academic advisors and their advisors in the Education Department; the meeting should occur during the first semester of the sophomore year. Generally, the major in the discipline for secondary teaching is the same as the regular major, but there are some additional requirements for teaching:

- Biology and chemistry majors must have Math 105: Statistics

- History majors must have
 - Hist 207 and 208: The United States (six hours)
 - Hist 312/Educ 312: North Dakota History
 - Pols 225: Comparative European Governments, Pols 342: American Foreign Policy, or another current affairs course
 - Any non-Western history course
 - Concentration in second social studies area
- Health and Kinesiology majors must have:
 - KNS 261: Methods and Activities for Teaching Elementary Physical Education
 - KNS 361: Methods in Physical Education
- Math majors must have:
 - Math 412: History of Math
 - Math 415: Algebraic Structures
- Music majors must have:
 - Mus 291: Music Methods in the Elementary School
 - Mus 292: Music Methods: Secondary Choral
 - Mus 293: Music Methods: Secondary Instrumental

For more information, see the specific major or department.

Special methods courses for teaching in the disciplines at the secondary level are also required. (See preceding paragraph on special methods.) Early contact, advising, and planning are necessary in order to meet state standards and departmental requirements so that teacher education students can succeed in the growing demands of the profession. Changing state/federal standards may require program modifications and changes to the common core standard.

Course Descriptions

EDUCATION (EDUC)

201-3 Introduction to Teaching

The first course in education for the pre-service prospective teacher. History and philosophy of American education are surveyed along with the personal and professional requirements of teaching. Course requirements include field experience in an accredited public or private classroom. Prerequisite: Sophomore standing or permission. *Fall and spring*

202-3 Science for Elementary Teachers

This course is a study of the basic science concepts from biology, chemistry, physical science, space science and earth science that elementary teachers are expected to know. Several types of teaching and evaluation techniques are examined in this course. Prerequisite: College level science class or permission. *Spring*

203-3 Mathematics for Elementary Teachers

A continuation of basic college mathematics with additional topics from elementary algebra, geometry, mathematical reasoning, basic number operations, probability, and the history of mathematics. The curriculum includes investigations with manipulatives, calculators, and computers. Prerequisite: Math 102 or higher level math course. *Spring*

205-2 A Study of Native American Cultures

Emphasis is placed on the study of Indian tribes of the Northern Great Plains, specifically North Dakota. Past, present, and future aspects of Indian life will be examined. *Fall*

206-3 Introduction to Early Childhood Education

A course designed to provide an overview of the growth and development of early childhood education in the United States and elsewhere. Curriculum organization and components (as well as the management of a classroom) will

be studied. Theories and philosophies pertinent to early childhood education will be examined. Course requirements include field experience in public or private settings. *Fall, even years or as needed*

207-3 Curriculum Development and Creative Options

A study of methods, procedures, strategies, materials, modifications, and current trends and research in the instruction of students with disabilities. Learning theories and philosophies will be discussed to lay a foundation for appropriate assessment and planning of effective programs for this population. *Offered at the discretion of the department*

208-3 Assessment/Evaluation

A study of methods, procedures, strategies, materials, modifications, and current trends and research in the assessment and evaluation of children and youth with disabilities. Learning theories and philosophies will be reviewed to lay a foundation for appropriate assessment and evaluation that will lead to sound planning for instruction and effective programming for this population. *Offered at the discretion of the department*

301-3 Mathematics Methods: Elementary and Middle School

An overview of elementary and middle school mathematics education — history, issues, and national standards. Methods of teaching standards-based topics for elementary mathematics will be examined, practiced, and applied for teaching in elementary schools. A field experience component will be required. Emphasis is given to problem-solving strategies with manipulatives, visuals, and other instructional technologies. Prerequisites: Educ 201, 203, and admission to teacher education. Prerequisite or Corequisite: Educ 302. *Fall*

302-3 Curriculum and Teaching in the Elementary School

Principles of teaching, planning for teaching, curriculum developments, guidance, evaluation,

and specific teaching procedures. Includes tutoring and small group teaching experience as well as field experience. *Fall*

303-3 Introduction to Teaching Students with Exceptionalities

Designed to provide prospective elementary and secondary school teachers with the knowledge and skills to understand and teach students with exceptionalities. *Fall*

304-3 Interpersonal Communication/ Collaboration

An introductory course on the understanding and development of effective interpersonal communication skills and working relationships among families, professionals, and students with exceptionalities. *Offered at the discretion of the department*

305-3 Managing and Monitoring the Learning Environment

This course provides prospective educators with a proactive, comprehensive, and practical guide for the understanding and development of skills necessary to create a positive learning environment, encourage appropriate social interactions, and advance engagement learning. Emphasis is on recognizing and empowering desired behavior and addressing undesirable behavior. Teacher disposition is also explored for its effect on student learning, motivation, and development as well as the educator's own professional growth. *Spring*

307-3 Accommodations/Differentiation

A foundations course on adapting instruction to provide appropriate services for students with disabilities, at-risk for failure, and those needing enrichment. *Offered at the discretion of the department*

308-3 Principles and Practices of Teaching in Middle and Secondary Schools

Principles of teaching, planning for teaching, curriculum developments, guidance, evaluation,

Teacher Education

and specific teaching procedures. The student/teacher relationship will be a major focus of this course. Includes field experience. *Fall or spring at the discretion of the department*

309-3 Learning Disabilities

An introductory course that studies the characteristics of students with learning disabilities and offers practical suggestions and methods for teaching these students in an inclusive setting. Prerequisite: Educ 303. *Offered at the discretion of the department*

310-3 Reading Methods in Middle and Secondary Schools

A course designed to improve vocabulary, reading comprehension, and study for middle school and junior and senior high school students through the identification of skills and processes needed to perform textbook reading tasks. Course includes evaluation of reading abilities, creation of reading exercises, and field experience. *Spring*

311-3 Transition

Designed to provide prospective educators with an understanding of transitional issues involving students with special needs. *Offered at the discretion of the department*

312-3 North Dakota History

A course designed for education majors that presents the geographical and climatic environment of North Dakota as well as its prehistory and development from the days of the fur traders through the 20th century. Required for secondary education certification in history. *Spring, even years*

314-3 Creative Arts in the Classroom

An exploration of the stages of growth in children's artistic development as it applies to the K-12 classroom, including direct experiences with methods and materials in art, music, creative drama, and movement education. School site experiences will be included, and state standards will be addressed. *Fall*

315-3 Social Studies Methods: Elementary School

Explores method and content of elementary school social studies curriculum. Current developments in social studies education will be examined. School site experiences will be included, and state standards will be addressed. *Spring*

320-2 Physical Science for Middle and Secondary School Teachers

This course is a study of the basic science concepts from chemistry, physics, earth science, and space science that middle and secondary science teachers are expected to know. Several types of teaching and evaluation techniques will be examined in this course. Prerequisite: A declared science major or permission of the instructor. *Offered spring, even years or at the discretion of the department*

319-3 Instructional Media and Technology

A course designed for education majors to familiarize them with the national technology education standards, theories, and applications of various media and technologies for use in education. Practical exercises and assignments will be used. Topics include design, software, hardware, visual and audio media, internet, and legal, ethical, and social issues with technology use. Prerequisite: computer course or permission. *Fall and spring*

325-3 Middle School Foundations

This course covers the philosophy, curriculum, and organizational structures characteristic of middle level education. The students will study integrating the curricular offerings at the middle level, adapting curriculum and instruction to individual learning needs, fostering active learning, problem solving and communication skills, employing effective evaluation skills, and working cooperatively with teachers, staff members, resource persons, and community groups. School site experiences will be included, and state standards will be addressed. Educ 310 - Reading Methods in Middle and Secondary School will rotate with this class. *Spring, every other year or as needed*

326-3 English Methods: Middle and Secondary Schools

A specific course designed for prospective teachers in middle and secondary English. Prerequisite: officially admitted to teacher education, junior or senior standing with a minimum 2.70 grade point average, and near completion of English major and professional education component. *Fall or spring as needed*

342-3 Language Arts Methods: Elementary School

Examines the nature of language through different theoretical approaches so that sound principles of language development may be applied as children learn to use and control language through reading, writing, listening, and speaking in the classroom. Includes field experience. *Spring*

343-3 Children's Literature and Reading Across the Curriculum

Introduces prospective elementary teachers to the field of children's literature and explores a variety of approaches, including reading-based literature and reading strategies and methods across the curriculum for appropriate use in an elementary classroom. *Fall*

344-3 Young Adult Literature

Introduces prospective upper elementary and secondary teachers to the world of young adult literature that is appropriate to upper grades and secondary classrooms. Emphasis on classroom application. *Fall and spring*

350-2 Language and Literacy Development in Early Childhood

An examination of the development and acquisition of language in children; examination of the value of literature to young children and the methodology appropriate for its use in early childhood classrooms. Field experience required. *Spring, odd years or as needed*

351-2 Geography for Teachers

This course is designed to increase student understanding and ability to present the elements of geography and the concepts and skills that are fundamental to geography. Students will be

introduced to the five themes of geography and the eighteen geography standards along with the opportunity to apply these concepts. On-site observation in the school will be required. *Spring*

352-2 Health Issues and Concerns in Early Childhood Education

This course provides prospective educators with a comprehensive, practical guide for the care of children in addition to knowledge and awareness of issues relevant to the young child. The major areas investigated in this course include growth and development, nutritional adequacy, safety and hygiene, and current health issues. *Spring, even years*

353-3 Applied Cognitive Theories

This course offers a constructivist approach to the theories of cognition for instruction, emphasizing the use of applied psychology. Students will deal with issues of learning and teaching that they will encounter in their teaching careers. In addition, students will conduct and evaluate their own research. Prerequisite: Psyc 203. *Fall and spring*

354-3 Early Childhood Program Management

This course presents useful information to the prospective director who has background in early childhood education but has limited business knowledge and experience. In keeping with the current movement to standards-based programs, directors must understand their role in the curriculum selection and development and the related issue of assessment of young people. *Fall and spring as needed*

373-3 Methods and Materials in Early Childhood Education

A study of the methods of instruction that are suitable for early childhood education, as well as an in-depth exploration of materials useful for instruction of children in preschool, kindergarten, and primary programs. Field experience required. Prerequisites: Educ 206, Educ 350, or permission. *Fall, odd years or as needed*

374-2 Preschool and Day Care Practicum

Reflective study and discussion of selected

Teacher Education

readings as they relate to required field experience in preschool and/or day care programs in the community. *Fall and spring*

398-1 Junior Seminar

This seminar series is designed to prepare the student for the senior student teaching semester. Seminar topics such as legal issues for the educator, classroom management and organizational issues, professional organizations and development, state and national educational standards, and educational program models will be presented during the semester. Student teaching applications and forms will be introduced as well as specific procedures related to setting up the professional semester. Prerequisites: Junior standing with a minimum 2.70 grade point average and near completion of professional education component. *Fall and spring*

399 Classroom Practicum (KNS and Music majors)

399-A-1 Classroom Practicum (Elementary)

399-A-B Classroom Practicum (Secondary Certifications)

This course is designed as a pre-student teaching experience to be completed under the supervision of a qualified educator. The prospective student teacher will observe and practice, on a small scale (35 hours per credit), those skills developed through course work and earlier field experience. The course will be taken for 35 hours (one week) during Christmas or Spring Break of the junior year. Students are required to take one practicum for each teaching area.

399-C Classroom Practicum (Special Needs)

405-3 Teaching Elementary and Middle School Reading: Content

An examination of the physical, psychological, and social factors involved in learning to read through grade 8. Reading theories and philosophies will be discussed. Students will be introduced to techniques, procedures, strategies, methods, and materials in reading instruction. Field experience required. Prerequisite: Educ 342, junior or senior standing, or permission. *Fall*

406-3 Science Methods: Middle and Secondary Schools

A specific methods course designed for prospective teachers of secondary science that includes a discussion of the history and philosophy of science based on the basic science concepts. Teaching and evaluation concepts will be incorporated into this class. A field experience component will be required. Prerequisites: Officially admitted to teacher education; junior or senior standing with a minimum 2.70 grade point average; near completion of science major and professional education component. *Spring, odd years or at the discretion of the department*

407-2 Social Studies Methods: Middle and Secondary Schools

A specific course designed for prospective teachers of secondary history and related areas of social studies. Prerequisites: Officially admitted to teacher education; junior or senior standing with a minimum 2.70 grade point average; near completion of history major and professional education component. *Fall as needed*

410-3 Mathematics Methods: Middle and Secondary Schools

An applied study of current strategies, materials, technologies, and content related to the learning and teaching of secondary school mathematics. Covers units and lessons in applied arithmetic, algebra, geometry, functions, probability and statistics, trigonometry, and discrete mathematics, with attention to the historical significance of ideas. Includes hands-on investigations with manipulatives, visuals, graphing calculators, and computers. A field experience component is required. Prerequisites: Declared major in secondary math education; 2.70 GPA; and Math 151. Same as Math 410. *Fall, odd years or at the discretion of the department*

412-1 Honors Tutoring or

412SN-1 Honors Tutoring for Special Needs

Education students with exceptional ability may receive one semester credit for 15 contact hours of tutoring students in elementary or secondary schools. The course may be repeated up to a

maximum of three semester credits. Prerequisites: Junior or senior standing, academic departmental approval, and a grade point average of 3.00 or higher. *Offered at the discretion of the department*

415-3 Science Methods: Elementary School

A theory and standards-based course designed to prepare elementary teachers for effective teaching of science in elementary schools. Methods and materials are introduced and opportunities for practice, evaluation, and reflection. Topics include overview of elementary science education, national science education standards-based instruction, the nature of science, critical thinking and questioning techniques, and designing a guided discovery (inquiry) based science unit. A field experience component is required. Prerequisite: Educ 202, Educ 302, and admission to teacher education. *Fall*

417-6 Student Teaching in the Kindergarten

A student teaching experience at the kindergarten level for completion of the early childhood education minor (including seminars). Corequisite: Educ 418A-10.

418-16 Student Teaching in the Elementary School

Full-time student teaching in fully accredited classrooms, grade level one through six, after all prerequisites and requirements have been met (including seminars).

418-A-10 Student Teaching in the Elementary School

Full-time student teaching in fully accredited classrooms, grade level one through six, after all prerequisites and requirements have been met (including seminars). Corequisite: Educ 417-6.

419-16 Student Teaching in Elementary and Secondary Schools

Full-time student teaching in fully accredited classrooms for those majors requiring both elementary and secondary student teaching experiences after all prerequisites and requirements have been met (including seminars).

420-16 Student Teaching in the Secondary School

Full-time student teaching at a secondary grade level in subject areas in fully accredited classrooms after all prerequisites and requirements have been met (including seminars).

423-2 Diagnostic and Corrective Reading

Designed to help pre-service teachers become familiar with techniques in determining types of reading problems and presenting appropriate corrective procedures. Includes clinical field experience (423B-2). (preparation for title certification in reading) Prerequisite: 405 or permission. *Offered at the discretion of the department*

450-2 Special Topics in Education

Offers specific topics for students in education on a cyclical basis. Topics may include philosophy of education, school law, brain research and assessment, portfolios, and middle school readings. Two topics courses are required for elementary education majors and students seeking secondary certification. An option can be one special topics and one approved clinical field experience.

200-1-4 Directed Studies

300-1-4 Directed Studies

400-1-4 Directed Studies

**495-1-4 Independent Study
(by arrangement)**

Additional information of importance to students seeking elementary education majors and/or secondary teaching licensure:

Education programs at Jamestown College lead to a recommendation for teacher licensure in North Dakota. Approved areas for teacher licensure at Jamestown College include biology, chemistry, English, foreign language, history, mathematics, music, physical education, and elementary education. Since each state has its own licensure requirements and administers its own licensing process, students who plan to teach in states other than North Dakota should consult with that state's Education Department, write to the specific state(s) that they are considering, or visit the intended teaching state's web site for licensure requirements.

Completion of noted courses in the early childhood concentration, along with a completed major in elementary education, will qualify the pre- or in-service teacher for preschool or kindergarten teaching in North Dakota. The course Educ 418A: Student Teaching in the Elementary School will be 10 semester credits and taken during the same semester as Educ 417-6: Student Teaching in the Kindergarten (6 semester credits). Changing state/federal standards may require program modifications, and the common core standard.

Candidates for the North Dakota Educator's Professional License in Secondary Education must choose at least one major in a field taught in public schools. Students are responsible for meeting the major requirements as well as the professional component requirements.

Students seeking licensure in secondary education must confer with an Education Department advisor during registration. Along with the major requirements, forty-eight semester credits in the Education Department are required for Jamestown College's recommendation for teacher licensure in North Dakota.

Students are encouraged to join the Student North Dakota Education Association (SNDEA), a professional organization, to gain greater knowledge of their field and to meet other pre-service and in-service educators. This organization also provides liability insurance during student teaching. Students may use other sources for liability insurance if they wish but must provide evidence of insurance to the department. An alternative is the International Christian Education Association. Other professional organizations in early childhood, reading, math, science, and special needs also afford opportunities for participation.

Those eligible are invited to join Pi Lambda Theta, the International Honor Society and Professional Association in Education.

(Programs and requirements are subject to change to meet state approval.)

Pre-Professional Preparation

Pre-Engineering Program

The 3-2 engineering program provides a three-year course of study at Jamestown College with an additional two years of study in one of many engineering programs at universities around the country. Students completing the program receive two degrees: a Bachelor of Arts degree in mathematics from Jamestown College and a Bachelor of Science in engineering from the university at which they complete their engineering courses. Recent Jamestown College engineering students have completed their studies at several universities, including:

- * Montana Tech (College of Mineral Science and Technology)
- * North Dakota State University
- * South Dakota School of Mines
- * University of North Dakota
- * University of South Dakota
- * Washington University, St. Louis, Mo.

Pre-Law

Law schools do not generally require a specific pre-law program. Those pursuing an undergraduate curriculum in preparation for law school should consult with the director of the Learning and Academic Advising Center and the history-political science faculty.

Health-Related Pre-Professional Preparation

Jamestown College offers pre-professional preparation for a number of health-related fields such as medicine, dentistry, optometry, pharmacy, podiatry, osteopathy, chiropractic, physical therapy, and occupational therapy. Traditionally, more than 85 percent of our science (biology and chemistry) majors pursue further study or professional degrees in the health professions, graduate research, and/or teaching. *Note: Students preparing for health profession programs should obtain scheduling advice from advisors in biology or chemistry before registering for classes.*

Pre-Medicine

Most American medical colleges select for admission only those applicants with a four-year college degree and prefer students with a well-rounded liberal arts education. Admission to medical school is strongly influenced by two measures: the student's score on the nationally administered Medical College Admission Test (MCAT) and the overall grade point average (GPA).

Jamestown College students historically have received excellent preparation for successful performance on the MCAT. We believe the key to this success is the availability of our instructors to help students. Students' scholastic achievements and their successful attainment of career goals are important to us.

Pre-medicine students are not limited to a single set of courses. Students plan their programs in consultation with the pre-medical advisors. Medical schools usually require only a few basic courses. Beyond this minimum, courses may be chosen according to the student's own interests. The majority of Jamestown College pre-medical students choose to major in either biology, chemistry, or biochemistry; but a major in a different area may be satisfactory. It should be noted, however, that the first two years of medical school consist of intensive coursework in biology and chemistry.

Suggested Biology Courses:

Pre-Medicine students should have schedule plans checked by a biology advisor.

Dept.	Course No.	Course Title	Credits
Biol	150	Introduction to Biology I	4
Biol	151	Introduction to Biology II	4
Biol	208-209	Human Anatomy and Physiology I & II (with lab)	10
Biol	216	Microbiology	4
Biol	305	Cell Biology	5
Biol	312	Developmental Biology	5
Biol	430	Genetics	5
Biol	425/426	Biology Seminar	1 + 1

Suggested Chemistry Courses:

Pre-Medicine students should have schedule plans checked by a biology advisor.

Dept.	Course No.	Course Title	Credits
Chem	133	General Chemistry I	4
Chem	134	General Chemistry II	4
Chem	343	Organic Chemistry I	4
Chem	344	Organic Chemistry II	4

Highly recommended

Dept.	Course No.	Course Title	Credits
Chem	413	Biochemistry I	3
Math	151	Calculus I	4
Math	152	Calculus II	4
Math	203	Physics I (and lab)	5
Math	204	Physics II (and lab)	5

Pre-Chiropractic, Pre-Dentistry, Pre-Optometry, Pre-Osteopathy, Pre-Podiatry, and Pre-Veterinary

Collegiate preparation for admission to schools of dentistry, optometry, veterinary, and other health professions is essentially the same as that for medical school. United States dental schools require that applicants take the Dental Admission Test (DAT) and schools of optometry require the Optometry Admission Test (OAT).

Students interested in these fields should contact advisors in biology or chemistry to prepare a course program to meet their individual objectives. Also, professional schools may differ in what courses they desire applicants to have taken.

Pre-Pharmacy

Jamestown College traditionally has provided a strong background for students pursuing a degree in pharmacy. The Learning and Academic Advising Center and health professions advisors should be consulted when planning a pre-pharmacy schedule.

Pre-Physical Therapy

Most programs of physical therapy desire students who have completed four years of undergraduate training. Students with a bachelor's degree then apply to a graduate program in physical therapy which will grant the master's degree or doctoral degree.

Students considering pre-physical therapy should consult the Learning and Academic Advising Center and health professions advisors in biology or chemistry when planning their coursework. It should be noted that admission to physical therapy programs is very competitive and students who have been highly successful in their undergraduate work are the most viable candidates for admission.

Pre-Occupational Therapy

In addition to specific science courses, a background in psychology is recommended for occupational therapy. Students may complete two or three years of coursework at Jamestown College and apply for the professional programs at other institutions. Alternatively, students may complete four years of training in a major at Jamestown College and then apply for Master of Science programs. As with other professional programs, admission to occupational therapy at the graduate level is competitive. Students considering this program should consult the Learning and Academic Advising Center and health professions advisors in biology or chemistry when planning their coursework.

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*indicates department chair

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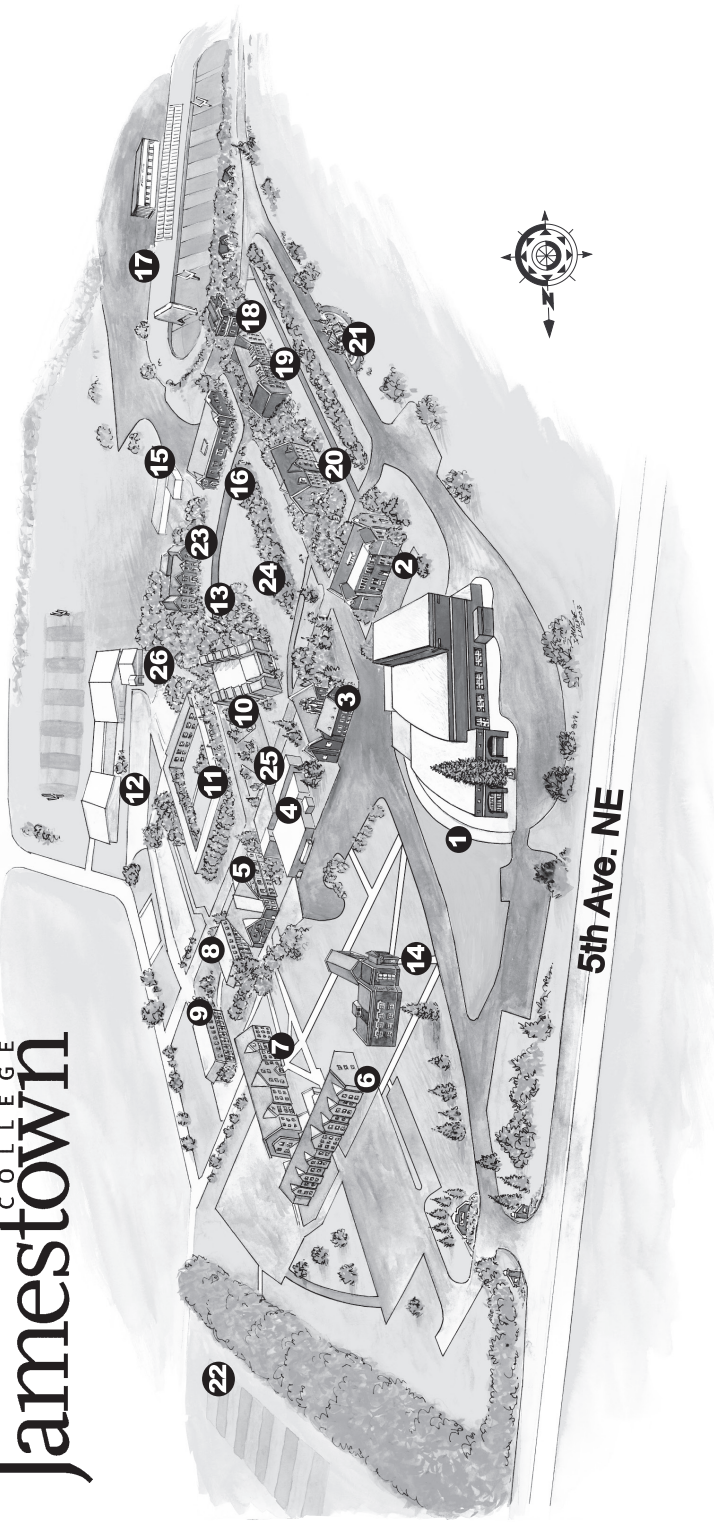
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Jamestown COLLEGE



- | | | | |
|----------------------------------|--------------------------|---------------------|--------------------------|
| 1. Reiland Fine Arts Center | 8. Wilson Hall | 15. Physical Plant | 22. Soccer Field |
| 2. The Liechty Center Taber Hall | 9. Nierling Hall | 16. Hansen Center | 23. J House |
| 3. Voorhees Chapel | 10. Raugust Library | 17. Taylor Stadium | 24. Allen Field |
| 4. Westminster Hall | 11. Kroeze Hall | 18. Thaw Hall | 25. Nafus Student Center |
| 5. Lyngstad Center | 12. Larson Center | 19. Watson Hall | 26. Foss Wellness Center |
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