



The Power of a Small College

# COURSE CATALOG

Linfield College | McMinnville | Portland, OR

Linfield College is regionally accredited by the Northwest Commission on Colleges and Universities. Specialized accreditation is granted to certain of the college's individual programs. The Linfield-Good Samaritan School of Nursing is accredited by the Oregon State Board of Nursing and the Commission on Collegiate Nursing Education. The education program is approved for training of elementary and secondary teachers by the State of Oregon's Teachers Standards and Practices Commission. The Education department also operates the Linfield Pre-Kindergarten program accredited by the National Association for the Education of Young Children. Linfield College's music program is accredited by the National Association of Schools of Music, and its athletic training program is accredited by the Commission on Accreditation of Athletic Training Education. The college maintains affiliation with the American Baptist Churches, U.S.A.

Linfield College reserves the right to withdraw courses at any time, change fees, change the calendar and rules regarding admission and graduation requirements, and change any other regulations affecting the student body. Changes shall become effective whenever the proper authorities so determine and shall, at the discretion of such authorities, apply not only to prospective students but also to those who at that time are matriculated in the college.

Linfield College does not discriminate on the basis of race, color, age, religion, sex, sexual orientation, national origin, or physical handicap or other disabling condition in its educational programs, admission, activities, or employment policies.

Northwest Commission on Colleges and Universities  
8060 165th Avenue NE, Suite 100  
Redmond, WA 98052  
(425) 558-4224  
[www.nwccu.org](http://www.nwccu.org)

Teachers Standards and Practices Commission  
250 Division St. NE  
Salem, OR 97301-1012  
503-378-3586  
[www.oregon.gov/tspc](http://www.oregon.gov/tspc)

Oregon State Board of Nursing  
17938 SW Upper Boones Ferry Road  
Portland, OR 97224-7012  
(971) 673-0685  
[www.oregon.gov/OSBN](http://www.oregon.gov/OSBN)

National Association for the Education of Young Children  
1313 L Street, NW, Suite 500  
Washington, DC 20005  
800-424-2460  
[www.naeyc.org](http://www.naeyc.org)

Commission on Collegiate Nursing Education  
One Dupont Circle, NW, Suite 530  
Washington, DC 20036-1120  
(202) 463-6930  
[www.aacn.nche.edu](http://www.aacn.nche.edu)

National Association of Schools of Music  
11250 Roger Bacon Drive, Suite 21  
Reston, VA 20190  
(703) 437-0700  
<http://nasm.arts-accredit.org>

Commission on Accreditation of Athletic Training Education  
2201 Double Creek Drive, Suite 5006  
Round Rock, TX 78664  
(512) 733-9700  
[www.caate.net](http://www.caate.net)

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## MISSION STATEMENT

Mission

- J O Æ F M E

### Organization and Governance

Linfield College is a four-year, non-profit, coeducational, liberal arts institution historically and currently affiliated with the American Baptist Churches. All college operations are governed by administration and faculty, with ultimate responsibility resting with the Board of Trustees. The college is committed to the teaching of undergraduates in an atmosphere of academic freedom that offers intellectual rigor, creativity, and a sense of personal and social responsibility.

Linfield is a comprehensive college with a strong commitment to study in the liberal arts and sciences. The curriculum seeks to overcome intellectual provincialism, underscore the centrality of how one learns, provide a historical context, relate ideas to social structures, and affirms the importance of values in human life. The liberal arts curriculum is coherent and useful in preparing students to seek knowledge and improve skills throughout their

## Degrees and Requirements – All Campuses

Within this 20-credit maximum, the following more specific limitations also apply:

- t ~~OR P SUFI BLOX P O U F S D P W J S T F U R N P SUFI B C J W F~~  
credits from a single internship may count toward graduation;  
and
- t ~~P O M Z E F E S T U S V D P W S P B P V O U~~







### Declaration of Major

Determining a major field of study is an important choice in a student's academic career. Some students need time to explore a variety of interests prior to deciding on a major, whereas others come to college with a strong inclination toward a particular field of study. Linfield's policy on declaring a major is flexible enough to honor the student's desire to explore various options. At the same time, it recognizes that timely determination of an academic major facilitates planning and expedites progress toward a degree.

By spring semester of the sophomore year (or upon completion of 45 semester hours), students must file a "Declaration of Academic

## ACADEMIC POLICIES AND PROCEDURES – ALL CAMPUSES

It is the responsibility of each student to be aware of and to meet the catalog requirements for graduation and to adhere to all other deadlines, rules, and regulations published in this catalog, the Student Handbook, and the Linfield College Policy Handbook. Students are generally governed by the catalog in effect when they enroll for the first time at Linfield College. However, continuously enrolled students may meet the graduation requirements of any subsequent catalog published during their enrollment. A particular catalog's requirements must be adopted in whole; that is, mixing of requirements between catalogs is not permitted unless covered by an explicit policy exemption. A student may not select a catalog published prior to his or her matriculation. While academic advisors or college officials assist students in

Basic information regarding registration, academic calendar, deadlines for adding or dropping classes, schedules for placement testing and the semester's listings of course offerings, the times and locations where the courses will be taught, and the final examination schedule are posted on the Linfield website.

### Cross Registration

Students enrolled full-time may take a maximum of one course per semester at any other member institution of the Oregon Independent Colleges Association with no additional tuition or fee charge. Details are available from the Registrar/Registration Office.

### Last Day to Enroll in a Course

A student may not enroll in a course after ten class days during a semester or after the second class day of January term. Please note that enrollment beyond the second class day in any course may only occur with the explicit approval of the instructor.

### Withdrawal from Courses

Students may withdraw from a course before the end of the third week of a semester or at the end of the first week of a term without any notation appearing on the academic record. Students withdrawing after the end of the third and before the end of the 10th week of a semester, or after the end of the first week and before the end of the third week of a term, will receive a withdrawal designation (W) on the Linfield transcript. Students may not withdraw from a course after the end of the 10th week of a semester. Withdrawal designations will be noted in the academic calendar appropriate to the student's campus.

### Leave of Absence from Linfield

Students have the option of taking an approved Leave of Absence (LOA) from Linfield for a specified period of time. Students wishing to take a leave of absence should pick up the form in the Registrar/Registration Office, fill it out and obtain the specified signatures listed on the document. For a leave of absence taken during a semester, the date the form arrives in the Registrar/Registration Office determines the start date of the leave. (All policies outlined in the section "Withdrawal from Linfield" apply to a leave of absence.)

Students pursuing nursing: Taking a leave of absence from Linfield to complete prerequisite courses may result in the forfeiture of resident status, and require application to the School of Nursing in the general application pool. A student will be permitted a LOA without forfeiture of resident status to complete prerequisites at another institution if the student has an approved petition due to extenuating circumstances.

### Medical Leave of Absence

The purpose of a Medical Leave of Absence (MLOA) is to provide students time away from Linfield College for treatment of a medical or a mental health condition that impairs a student's ability to function successfully or safely as a member of the College community. Because of the potential impact both to the individual student and to the Linfield community, the college has the responsibility to establish criteria regarding eligibility for re-enrollment of students receiving a MLOA. The authority to grant a MLOA lies jointly with the Vice President of Student Affairs and Athletics/Dean of Students and the Vice President of Counseling Services. The Vice President of Counseling Services will coordinate with the above college officials to collect appropriate documentation regarding the medical status of the student requesting the MLOA. Additional information about the details of the process to follow, the documentation

requirements, and the expectations for reinstatement are available from the Student Health Center, Office of Student Affairs, Office of Student Financial Services, or the Registrar's Office.

### Withdrawal from Linfield

Students may voluntarily withdraw in good standing from the college at any time if there are no disciplinary actions pending against them and if their financial obligations have been satisfied. The withdrawal (W) designation will be posted on the Linfield transcript based on Academic Calendar registration policies as follows:

- t If a student withdraws on the last day to withdraw and not have course appear on transcript, no course will be posted on the transcript.
- t If a student withdraws before the last day to withdraw and not have course appear on transcript, a W is assigned to all courses and posted on the transcript.
- t If a student withdraws after the last day to withdraw from Linfield College form is available from the Registrar/Registration Office and must be completed with the required signatures. Where applicable, the student will not be forwarded or furnished until the Controller of the college has certified to the Registrar the fulfillment of all financial obligations.

### Student Loan Exit Interview

Any student leaving Linfield College and not planning to return for the immediately following semester who has had Financial Aid through Perkins, Linfield Student Loan, College



the examining instructor in consultation with the other members of the department.

The amount of credit will be that specified in the college catalog. Credit will be listed on the student's academic record. A grade notation will appear on the academic record for a grade lower than a B.

A maximum of 15 credits may be earned in a student's major field.

Some major programs have required courses which are exempt from consideration for challenge examination.

### Credit by Advanced Placement and CLEP Examinations

The college accepts credit by Advanced Placement for scores of 3 or higher. Credits do not satisfy general education requirements in the Linfield Curriculum.

### Paracurricular Credit for Non-Linfield Activities

Paracurricular credit is intended to encourage students to participate in college-sponsored skill and activities courses. In this sense, the granting of paracurricular credit for non-college experiences is contrary to the intended purpose of the paracurriculum. However, in special cases when it seems to meet an appropriate educational need, paracurricular credit may be granted upon petition to the Curriculum Committee prior to engaging in the activity.

### Maximum Units of Non-Course Credit

The college recognizes that learning may take place outside the common classroom environment through its policies on opportunities. However, it is inherent in the educational philosophy of the college that a student earning a degree from Linfield College will have participated in the learning process through various encounters with students and faculty afforded by the college's academic programs. Therefore, the college will recognize no more than 15 units of non-course credit.

### Auditing a Course

Auditing is permitted on a space-available basis without charge for full-time students (10-18 credits) in nonlaboratory courses, with the consent of the instructor and the Registrar at the regular registration period. Students on the McMinnville or Portland Campuses who are enrolled for fewer than 10 credits will be charged \$205 per credit. All of these fees are non-refundable. There will be no charge for Senior Citizens, at least age 65, under the definition of "Auditing a Course." There is no discount for Senior Citizens for courses with transcribed credit. Recognition of an audit on the academic record signals that the student has been faithful in attending classes. Failure to attend regularly will be reported to the Registrar/Registration Office by the instructor, and the student will automatically be withdrawn from the course. No credit hours are earned for auditing courses.

### Grades

A student's academic achievement is recorded on the permanent academic record in terms of letter grades.

## Academic Policies and Procedures – All Campuses

the case of a student who is officially registered in a course but who has not attended the class and not



In order to receive a degree, a student must have satisfied, at the time of graduation, all college requirements for the degree from a single catalog from among those eligible. These include requirements common to all bachelor's degrees and B.A. or B.S. requirements, as well as major and minor requirements. The catalog may be either the unexpired catalog in effect when the student was first admitted and enrolled at Linfield or any subsequent catalog in effect while the student was enrolled that has not yet expired. Students enrolled in programs that are accredited or licensed must meet the requirements most recently approved by the accrediting agency or licensing authority.

Former students who wish to complete graduation requirements more than 10 years after their initial enrollment at Linfield must apply for readmission and complete all the requirements in effect at the time of their re-enrollment.

## Academic Policies and Procedures – All Campuses

regular student who has been suspended for academic reasons may not normally be reinstated as a special student.

### Progress Toward a Degree

Students are expected to make progress toward an academic degree. Progress is the completion of credits during each semester of enrollment. A full-time student is making satisfactory progress if he or she completes 24 credits during the prior two terms of attendance. A part-time student is making satisfactory progress if he or she completes 12 credits during the prior two terms of attendance. January term and summer terms count toward maintaining satisfactory progress. For further information about how satisfactory progress toward a degree affects financial aid eligibility, see the "Satisfactory Academic Progress" policy in the financial aid section.

### Dean's List

The Dean's List identifies students whose term GPA places them within the top 10 percent of each class for a given semester. It is computed following the posting of grades at the end of each semester.

To be eligible a student must have earned at least 12 graded credits and have received no incomplete (I) or in progress (IP) designations. Students bear responsibility for inquiring as to dean's list eligibility after grades have replaced their I's and IP's.

### Candidacy for Graduation

To become a candidate for graduation, each student must complete a degree application form (Intent to Graduate) from the Registrar/Registration Office of the appropriate degree program: . D . J O O W S B M C F % T J W J P S P O U J O A E V O H B S P S U M B O E Campus. All students must file by the end of the semester one year prior to the degree completion semester. Students pursuing a Teacher Licensure Program must file one semester earlier since the full-time student teaching semester effectively removes a student from the Linfield campus.

Filing an Intent to Graduate by the appropriate deadline will provide students sufficient opportunity to make any necessary class schedule adjustments for timely completion of degree requirements. The above deadlines are also critical to: 1) the administrative processing necessary for correct presentation of the student's credentials and name at commencement; and 2) verification of the student's completed degree requirements. Failure to meet the deadline can potentially delay participation in graduation and/or timely receipt of the diploma.

In the event a student may not complete all degree requirements by the planned completion date, the student may be eligible to participate in the commencement ceremony. Students should submit a Petition to Participate in Commencement form to the Registrar/Registration Office for presentation to the Student Policies Committee by November 1st for participation in the fall commencement and by April 1st for participation in the spring commencement.

Students who have not met all requirements are eligible for participation in commencement if they lack only some combination of:

1. Credits in courses in which they are currently enrolled at - J O A P M S E M T F X I P S F
2. Non-course requirements that can reasonably be expected U C F T B U J Q S F U P S P N N F O D F B O G U / P N P S U F I B T O J Y S F E U J C H F B S O F E

Where non-Linfield courses are involved, written documentation of such enrollment must be provided. In cases where successful completion of current courses will not suffice to meet

all requirements, evidence must be provided of the student's intention to enroll in the immediately following Linfield College summer term or January term for the needed credits. Where non-course requirements have not been satisfied, appropriate evidence must be provided that they will be satisfied by commencement.

For any further inquiries about candidacy for graduation or eligibility to participate in commencement, students should contact the Registrar/Registration Office appropriate to their program.

### Honors at Graduation

To receive honors at graduation a student must have earned BN J O J N R S D S F B U J O G S P M E M X H E N N S B O T G F S work completed at U.S. institutions counting toward the degree included in the cumulative grade point average. Graded work from foreign study will not be included unless it appears on a transcript of a U.S. institution.

Submitting an Intent to Graduate toward graduation seniors at Linfield University must have a cumulative grade point average of 3.0 or higher. The cumulative grade point average is calculated as follows: (A = 4.0, B = 3.0, C = 2.0, D = 1.0, F = 0.0, S = 0.0, W = 0.0, I = 0.0, P = 0.0, E = 0.0, O = 0.0, G = 0.0, J = 0.0, M = 0.0, N = 0.0, S = 0.0, B = 0.0, T = 0.0, G = 0.0, F = 0.0, S = 0.0) / (Number of credits attempted) = Cumulative Grade Point Average

semester or term. Students on academic probation will have one semester in which to bring both the semester and the cumulative GPA to 2.00 or greater.

A cumulative GPA of 2.00 or greater is also the standard used to determine normal academic progress as defined by the

The admission policies below pertain to programs offered through the McMinnville and Portland Campuses. Applicants

### Application Options For First-Year Students

Linfield College grants admission to students who are likely to grow and succeed in a personal and challenging liberal arts merit. Although there is no formula for predicting academic success, an Admission committee evaluates applicants in a number of areas which commonly indicate academic potential. These include high school academic performance, writing sample, recommendations from teachers and counselors, and pre-college test results. Because participation in non-academic activities is important at Linfield, the committee also considers the depth and quality of an applicant's involvement in community and school activities. The committee reviews applications as they are completed (giving priority to those who meet the deadlines) and notifies applicants of their decision on a regular basis, selecting students who show the greatest likelihood of benefiting from and contributing to the Linfield community. Linfield reserves the right to deny students for non-academic reasons.

The best preparation for college is a solid academic foundation in high school. The Linfield admission committee strongly recommends that applicants have taken the following:

- & O H M J T I            Z F B S T            4 P D J F B D F T    Z F B S T
  - . B U I F N B U J D T Z F B S T            / B U D V S B D F T Z F B S T
- Foreign language    2-4 years

Candidates must acknowledge acceptance of an offer of

February 1

Priority filing date for FAFSA

May 1

Universal reply date (\$400 matriculation fee due,

## Admission Policies

June 15

Transfer universal reply date (\$400 matriculation fee due, non-refundable after June 15)

McMinnville Campus – Spring

September 1

Begin accepting transfer student applications

December 1

Priority deadline for transfer student admission applications; priority filing date for FAFSA

December 15

Transfer student notification date

January 15

Transfer universal reply date (\$400 matriculation fee due, non-refundable after January 15)

The Portland Campus is a transfer only campus. Students must complete specific prerequisites to be eligible for admission consideration. Requirements can be viewed at [www.linfield.edu/portland/enrollment-services/admission](http://www.linfield.edu/portland/enrollment-services/admission). See page 125 for additional information.

## Application Procedure

1. Applicants to the nursing program must complete the NursingCAS common application online and submit supplemental application materials. A completed application for admission to the summer or fall cohorts must be submitted between November 15 and February 1. Application for the spring cohort must be submitted between June 1 and August 1.
2. Applicants must pay a \$45 application fee to NursingCAS.  
Campus A minimum score of 80, with a writing sub-score of 24 (internet-based) or 550 (paper)

apply/non-degree-students.html. The Registrar/Registration Office will provide the class registration form. A non-degree student is not considered a degree candidate. Non-degree-seeking students may register after degree-seeking student registration is complete. Non-degree-seeking students will be required to complete an application for admission as a degree-seeking candidate at the DPNQMPICJPJOGJFMIE T U F S F B S F P M S F O U

Linfield College welcomes applications from international students. For the McMinnville Campus, the priority date to receive applications for admission is April 15 for fall semester and December 1 for spring semester. However, Linfield College will make every effort to accommodate applications beyond those dates. For the Portland Campus, international applicants must apply by the regular deadline dates noted in the Portland Campus section above.

International students should present certified copies of academic records. These may include official transcripts, mark sheets, high school diploma or school leaving certificates, examination results and letters of recommendation from a teacher, professor, school counselor or a high school principal.

International students may apply for enrollment in either  
- JOGJSMMEUFJNSFF TCFPHOBNI & OHMJTI  
- BOHVBOEV MUM/SFH S & N 1 ' P S O U F S O B U V I E O M T  
X I P T G J S I B L O H V D H S O H M J W J E P G D D V S S N F O M  
& O H M U S T R G J D J F F O R D / Z B S C H E F T R U G O H M J B ' P S F J H O  
- B O H V B S O & ' - T D P S F F Q P T U S F G F - S I S G E S P M I E M F M T F P  
S F D P H O D P F S T P N U I F S B O E B S E J T U B I T & - 5 4  
50 & \* S B O E \* , & /

International students seeking admission to Portland Campus programs should follow the procedures available online at [www.linfield.edu/portland/enrollment-services/admission](http://www.linfield.edu/portland/enrollment-services/admission).

International students must also submit a financial statement signed by a parent or other guarantor, accompanied by a certified SFDFOU

Tuition and other charges are shown for full-time students taking a 10-18 credit course load in various programs.

Students who reduce their credit loads during fall or spring semester to below ten credits within 15 class days from the first day classes begin will be charged at the per-credit rate. After these dates, dropping a course will not reduce the charges for the course(s) dropped. Any student taking over 18 credits per semester will be charged \$1,059 for each additional credit.

Full-time students matriculating on either campus may register for one course of up to four credit hours per semester on the other campus as part of their course load and retain their full-time status. No additional fee will be charged for cross registration. Scheduling and transportation are student responsibilities.

With the approval of their academic advisors, students enrolled full-time on the McMinnville or Portland Campuses may take a maximum of one course through the Adult Degree Program (ADP) as part of their regular course load of 18 hours maximum during the fall and spring semesters at no additional tuition. This policy does not apply to January Term or Summer Term. McMinnville and Portland Campus students wishing to enroll in ADP courses during January and summer must register





## Costs - All Campuses

### January Term Tuition Prorate Fee

Tuition for January Term (JT) is imbedded in the fall and spring tuition rate. However, any student not enrolled full time in the contiguous fall and spring semesters will be charged a prorated tuition amount on the credits taken during JT. Fall graduating seniors who need the JT credit to complete their graduation requirements will not be charged the tuition fee for JT but must have been full time in fall.

The proration is based on the unpaid percentages of full time hour for which the student enrolled at the per credit hour rate. The January Term \$201 per-credit fee paid will be deducted from any January Term tuition prorate fee. This cannot be determined until after spring registration. Withdrawal during spring semester during the refund period will cause any JT tuition charges to be prorated.

### Late Registration Fee: Adult Degree Program

A late registration fee of \$50 will be charged for any student who completes the registration process after the end of the first day of classes. Registration is not complete until payment is made of all fees for an academic term.

### Music Fee

#### A. Applied Lesson Fee

For non-music majors and special students (non-degree candidates), charges for weekly half-hour applied lessons are

For students approved by the department as Music minors, - \$100 per credit. Music minors must have concurrent registration in required music theory and/or music history courses with their applied lessons to ensure commitment to and timely completion of their minor.

For students approved by the department as Music majors, no extra fee is charged for applied lessons, but the student must pay tuition for each credit taken in excess of an 18-credit course load.

The following policy statements define the above students' responsibilities and obligations regarding applied lessons:

1. Students will be credited with a full refund if they meet the following two criteria:
  - a) Have not made any arrangements with, nor taken any lessons from, the applied music instructor.
  - b) Have not made any arrangements with, nor taken any lessons from, the applied music instructor.
2. Students who withdraw from applied lessons during the 10-day time period listed above but have taken one or more applied lessons will receive credit for the full refund less \$20 per class day of each semester not passed.

#### B. Usage Fee

The Music usage fee per semester for Music majors is \$60

### Parking Permit

be made payable to Linfield College. Registration is not complete until payment is made of all fees for an academic term. Student bills which have not been paid before the start of the term, or any subsequent overdue amount, are subject to additional charges

J O D M \CEV\CPN\J N JW\B E N P O U GM\Z BDC B S SJ\F&i Â3" s-éîîê°ÚÚêî-Ê ÚiêªÏÚ îÀî®ªÜ-ê ÞÊÊ ÚÚ ÞPip® îî-ÚiUi -î®Úîî°-i îËê®ªÞ®î

## Costs - All Campuses/Major Academic Units, Programs, and Departments

of a weekend class. Fees for travel courses or computer-mediated course accounts are generally not refundable after the last day of registration.

### Refunds: January Term Drop

Students who reduce their course load to one, i.e. drop one of two courses, during the first week of January Term will be refunded

**P Q I Q F S D S F Q P S**

## MAJOR ACADEMIC UNITS, PROGRAMS, AND DEPARTMENTS

While they share the common administrative and academic policies described on pages 5-26 of this catalog, the three main units of the college (McMinnville Campus, Portland Campus, and % J W J P S P O U J O & E J O D H U P J P O S T R U C T B S B B E F N J D structures distinctive to their respective educational missions Courses in all three units are offered through departments, non-departmental programs, and interdisciplinary programs. Majors are typically housed within single departments, their requirements delineated in the appropriate departmental sections.

- This part of the catalog provides information on:
- t International Programs and January Term, educational opportunities available to students on both the McMinnville and Portland Campuses.
  - t Inquiry Seminars, offered on the McMinnville Campus, U B L E O B D A I S T R U S F D P O E T O F F E S O U
  - t The McMinnville Campus, including academic programs and student life opportunities.
  - t The Portland Campus, including academic programs and student life opportunities.
  - t The Division of Continuing Education J O D M V E J O D H J å D Q P M B D U B D T B E F E N F J H S B R O H E F S U J Q S B H I S B N T

## INTERNATIONAL PROGRAMS

**Director**  
Shaik Ismail, Ph.D.

**Associate Director**  
Sandy Soohoo-Refaei

**Assistant Director**  
Michele Tomseth

A primary mission of Linfield College is to develop among its undergraduates an international perspective based on competence in foreign languages, encounters with other cultures, and knowledge of world issues.

For all tuition-paying students on a Linfield program outside of the continental U.S., Linfield provides the first round-trip air transportation from the Portland International Airport to one destination for one trip – for approved travel for semester, academic year, or January Term programs – for each student who meets program requirements. Students must pay airfare for subsequent trips arranged by the college unless a second trip is certified by the Registrar as necessary for completing a major or minor with a required study-abroad component. Students who are so certified are entitled to a second round-trip airfare provided by the college.

If international education on the undergraduate level is to be effective, it should take place over the entire four-year period. Thus, Linfield offers a comprehensive program which integrates study abroad with a stimulating international environment on the home campus. The goal is to awaken in students a concern with world affairs that will extend beyond their years at Linfield.

Linfield offers three types of study abroad opportunities to its students: semester, academic year, and January term programs. Each option provides a different kind of international experience.

Study abroad course grades for all Linfield-sponsored semester programs and January term off-campus courses will be calculated into the student's cumulative GPA on the Linfield transcript. For all other (non-Linfield sponsored) study abroad courses and/or programs, the course grades will not be calculated into the student's cumulative GPA on the Linfield transcript.

- t 4 B O B N P S P T O B D B
- t 2 V J B O E I F ( B M B Q B H P V B E P S
- t / P U U J O B C B N M B O E
- t ' S B O D I F W M S P D N B U J P O T
- t ( B M X ' B S Z F M B O E
- t + B Q B O W M S P D N B U J P O T
- t O B Y B . F B J D P
- t / F X ; F B M B O F E W M S P D N B U J P O T
- t O T B O E " / P S X B Z
- t 4 F O F U B M P D B U J P O T
- t 4 F P W M V U R S F B
- t 4 Q B J O W M S P D N B U J P O T

The programs are designed to serve students who will return to Linfield to share their international experience with the on-campus community. The number of students for each program is limited and selection is competitive. On the basis of an application, supporting documents, and a personal interview, a selection committee judges each applicant in terms of motivation and preparation for a study abroad experience. A series of required orientation and re-entry meetings is held prior to departure and upon completion of the program. It is highly recommended that students take TCCA \* O U F S D S M I N N S O M D B W B C I F S T Q F O B G W S F participation in the program.

The cost of participating in Linfield's Semester/Year Abroad Programs is set at the prevailing on-campus tuition, plus program fees which usually cover certain items such as housing, board (where provided) field trips and excursions (where applicable), insurance, and other study abroad processing charges. In most cases, students may apply their financial aid toward these costs. Passports and visa fees and related costs are the responsibility of each student. Linfield will help to facilitate the visa processes.

Students generally receive 15-18 Linfield credits per semester for their academic work abroad. All courses are taken for a letter grade unless otherwise indicated.

In most of the programs, students may take regular university courses in addition to Linfield offerings listed below. To fulfill Linfield Curriculum (LC) requirements, students should carefully review the description of the LC on pages 6-8 and the description of the transfer credit policy on page 12 of this catalog. Students should try to identify courses that parallel courses approved for LC credit on the Linfield campus. In case of questions, consult the Registrar.

" M O M B S U J D B I S S E F O R W T U S F E E % 4 5 \* O U F S D V M U V S B M Communication: Departure and Reentry (1 credit). This course is graded on a Satisfactory/Unsatisfactory basis. All assignments (some conducted online) must be completed in order for students to receive a Satisfactory (S) grade.

### THE SEMESTER ABROAD PROGRAM

Semester abroad experiences are available in the following locations:

- t " V T U S B M W M S P D N B U J P O T
- t 7 J F O " Q V T U S J B
- t ) P O , H P O B O E F J K S O J O B

Though the courses abroad may change, the following lists represent the most recent offerings at each location. For full catalog descriptions, consult the appropriate department sections of this catalog or contact the International Programs Office. Students accepted to a study abroad program must earn a "B" in the target language during the term immediately preceding departure.

#### AUSTRALIA (Fall or spring semester)

Students take courses either at Deakin University in Melbourne or James Cook University in Townsville or Cairns. Both campuses

**KOREA (Fall or spring semester)**

Through an exchange relationship, each year a small number of Linfield students may study at Yonsei University in Seoul, South Korea. Courses are taken within the university's International % J W J K J P O X B F T U B C M J T S P E & J E H M J T I M T E L O V E Z B H F opportunities in Asian Studies for non-Korean students. Students are encouraged to study Korean language. Those already qualified in the Korean language may also, with permission, elect courses taught in Korean. For up-to-date course information, check www. Z P O T F J & D H N F D I U J P O

**MEXICO (Spring semester)**

& B D I Q S J O N F T U O S J T W E Q B S U J D O B N F T U F S program located at the Instituto Cultural Oaxaca. Students take courses in the Spanish language (5 credits) and one or more courses taught by a Linfield resident director.

IDST 270/271 Identity and Culture in Mexico IDST 274/275 Topics in Latin America: Oaxacan Anthropology – 4 credits. (IS or VP or GP)

IDST 280 Practices in Community Interaction – 2-3 credits.

MDLA 040 Community Service – 1 credit. (EL)

MLSP 320 Spanish Language Practice – 5 credits.  
5 c redits.

## International Programs

designed to prepare degree-seeking students for undergraduate courses in the Adult Degree Program (ADP) as part of their minimum 12 hour commitment to be considered full-time students.

Students from other cultures study at Linfield College. At present, approximately 100 international students and scholars from various countries bring a rich cultural dimension to the Linfield community, allowing for meaningful dialogue in our classrooms.

To encourage international student enrollment, Linfield has established a number of special scholarships. In addition, the International Programs Office provides a broad range of services to international students. Among these are orientation, academic advising, individual counseling, visa and immigration assistance, a friendship family program, fieldtrips and excursions, and liaison with campus offices and departments.

To promote interaction between international students and American students and faculty, and to foster international awareness and understanding on campus and in the larger community, Linfield sponsors a rich variety of co-curricular activities. Films, lectures, and symposia revolving around international themes are widely attended and have become a permanent and natural part of campus life. Recent activities include class field trips to the Portland Art Museum and Chinatown, the Oregon coast, a series of international dinners, and various symposia. The International Club, Asian Culture Club, French Club, German Club, African Club, and Hawaiian Club, all active student organizations on campus, plan and carry out many activities.

International students at Linfield are encouraged to develop leadership skills and to take on leadership roles such as Resident Advisors, Peer Advisors, and student government positions.

During some vacation periods, international students are offered the opportunity to travel on escorted trips. Some of the popular destinations are the Oregon Coast, Central Oregon, Seattle, San Francisco, and Vancouver, B.C.

Regarding transfer of credit for study abroad, there are two different types of approval necessary: approval of the program itself (e.g., the University of Minnesota program in Montpellier), and approval of individual courses for transfer credit. The process for obtaining these two types of approval is outlined in the sections that follow. While approval of the program itself generally implies that all courses successfully completed will transfer as elective credit, students wishing to receive credit toward a major or minor, or toward the Linfield Curriculum, must follow the policy and procedures as explained in Section II, below.

The college requires that all students who wish to take part in non-Linfield programs apply for pre-approval of the program itself and, to the extent possible, of individual courses. Importantly, no financial aid or financial aid services can be provided unless the program itself is approved in advance of participation (by November 1 for spring programs and April 1 for fall programs).

I. Leave of Absence

Students taking a leave of absence to study abroad through another institution must fill out a Leave of Absence form in the Office of the Registrar and the Permit to Study Abroad Through Another Institution form.

1. Those wishing to receive pre-approval for programs offered by a recognized regionally accredited American university will:

International Programs for participation in the program. The Director will give approval by signature on the Leave of Absence Form and the Permit to Study Abroad Through Another Institution form and, if the student is applying for financial aid services on the Financial Aid Consortium Agreement, the student must also complete the Financial Aid Consortium Agreement.

2. Those wishing to study at a foreign university not regionally accredited in the U.S. will:

expense a course-by-course evaluation of all credits earned at the foreign university. The evaluation can be obtained through an external evaluation agency approved by the college and must be submitted to the Registrar. Information on the evaluation agency can be found on the Registrar's website.

II. Transfer for Major/Minor and Linfield Curriculum Credit:

To obtain credit toward a major/minor or toward the LC, students must complete the Permit to Study Abroad Through Another Institution form and provide documentation – course syllabi and/ or course descriptions – to the appropriate offices.

For the major/minor, review is conducted only by the chair of the relevant department. For the LC, review is conducted by the Registrar. Students must also follow the procedures outlined in the transfer credit policy on page 12 of this catalog.

INTERNATIONAL ACTIVITY ON CAMPUS

LINFIELD COLLEGE STUDY ABROAD POLICY ON TRANSFER OF CREDIT AND FINANCIAL AID

LINFIELD COLLEGE STUDY ABROAD POLICY ON TRANSFER OF CREDIT AND FINANCIAL AID



provisions for the periods spent off-campus vary for each course. Depending on location, student should plan on spending approximately \$600-900 for meals and personal expenses.

5 I F G P M M D R J S K A T M

In addition to regular departmental courses selected for their appropriateness to a four-week format, departments may also offer one or both of the following special January term classes:

XXXX 195 Great Books in the Discipline: An Introductory Reading Seminar

XXXX 395 Great Books in the Discipline: An Advanced Reading Seminar

January Term off-campus courses are planned and led by Linfield faculty. They are usually limited to 10-12 students for each site chosen through a competitive interview selection process. Students cannot participate in both a Semester Abroad and January Term off-campus international program in the same academic year without special permission from the International Programs Office.

For all students, regardless of their major or minor, Linfield provides the first round-trip air transportation from the Portland International Airport to one destination outside the continental U.S. for one off-campus program – for approved travel for semester, academic year, or January Term programs – for each student who meets program requirements. Students who have already taken one program at college expense must pay airfare for subsequent programs arranged by the college unless a second program is certified by the Registrar as necessary for completing a major or minor with a required study-abroad component. Students who are so certified are entitled to a second round-trip airfare at college expense.

Students participating in an off-campus January Term course pay a program fee to cover the cost of the program and their living expenses such as accommodations, entrance into museums and land transportation.

t 5 I F Q S P H S B M B S B I D P S L E R I O B B J Q C P S N B U

t \$ P V S D T F T B U I E T U J N B S I F V T C K L F D I B O H F

t " G F F G Q F I S S F E D U B S I G P S M M O V S S Z N

courses both abroad and domestic.

t 1 B T T Q P S W J G B B S U F I S F T Q P O P J C B M I J U Z

T U V E F J O U F X M F F M U C S B D J W J J E B O B P D F T T F T

and students' accounts will be charged accordingly

Students are responsible for any meal costs incurred during course days on campus prior to departure or after return. Meal

January Term

INQS 125 Animals in U.S. History – An examination of the human-animal relationship from an historical perspective. Central questions include: how have Americans defined what is animal and what is human? Why have Americans valued some animals and vilified others? How have animals been historical agents? How are our relationships with animals natural? How are they cultural in? 4 credits.

INQS 125 Chemistry in the Atmosphere – This course promotes intellectual challenge and creativity by requiring students to read, write, and discuss the basics of how the atmosphere works and atmospheric chemistry. Specifically, students will explore the depletion of stratospheric ozone, global warming, and climate change. In addition to mastering an elementary scientific

## Inquiry Seminars

Abraham. The primary goal is to engage the story of Muhammad and origin of Islam. 4 credits.

Linfield offers baccalaureate degrees at the McMinnville Campus with the standing majors listed below. Host departments are noted in parentheses when a given major does not take its name from that department. Majors marked with a box ( Q ) may be included in either a B.A. or a B.S. program. Those with a circle ( o ) are available for the B.A. degree only.

- Q Accounting (Business)
- Q Anthropology (Sociology and Anthropology)
- Q Applied Physics (Physics)
- Q Athletic Training (Health, Human Performance and Athletics)
- Q Biochemistry and Molecular Biology
- Q Biology
- Q Chemistry
- o Communication Arts (Theatre and Communication Arts)
- Q Computer Science
- P \$ S F B ~~U~~ ~~S~~ ~~W~~ ~~F~~ ~~J~~ ~~O~~ ~~H~~ ~~M~~ ~~J~~ ~~T~~ ~~I~~
- Q & D P O P N J D T
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- Q & M F N F ~~Q~~ ~~E~~ ~~E~~ ~~B~~ ~~B~~ ~~U~~ ~~J~~ ~~P~~ ~~O~~
- P & O H M J T I
- Q & O W J S P ~~Q~~ ~~N~~ ~~F~~ ~~W~~ ~~B~~ ~~T~~ ~~M~~
- Q & Y F S ~~D~~ ~~J~~ ~~F~~ ~~O~~ ~~F~~ ~~B~~ ~~M~~ ~~J~~ ~~V~~ ~~I~~ ~~N~~ ~~B~~ ~~O~~ ~~F~~ ~~S~~ ~~G~~ ~~P~~ ~~S~~ ~~B~~ ~~B~~ ~~E~~ ~~D~~ ~~I~~ ~~M~~ ~~F~~ ~~U~~ ~~J~~ ~~D~~ ~~T~~
- Q Finance (Business)
- o F

those declaring the major will be scheduled each semester. Major standing requires students to maintain an overall 2.50 GPA and a DVNVMBUJWFFSJBH F \$ D P V S T F T

For a major in Studio Art (Thesis-track) (Advised for all majors who intend to attend graduate school or pursue a career in the visual arts): all requirements for the studio major plus 490, 491 and one additional visual culture class. Such students will have automatically completed a minor in visual culture, and may qualify for departmental honors.

For a minor in Studio: 20 credits, including 100, 101, 110, 120 and one additional studio elective. Minors must achieve a grade of C or better in all required courses.

For a minor in Visual Culture: DSFEJQJDTMVEJOHBOIEOEEJUWJQBYMUDPS/QTNRDQFGIEP M-lowing: 100, 101 or 120. All courses must be completed with a grade of C or better.

For Oregon Initial Teaching Licensure in Art: a student must DPNQWFEUFGSFMEIEFSVDBUSPDSBRVJJSFNFOU T (see page 56). In order to complete these requirements, a student must begin taking education courses no later than his/her sophomore ZFBSFTUVENFTQUBEWJTB&EVD B WJFQBSUNFOU faculty member each semester prior to registration.

The Department of Art and Visual Culture encourages interested students to join the Art Students Society and/or Ceramic Club, Linfield organizations which promote and support student involvement in the creative arts.

AAVC 100 Introduction to Studio – Image management, design, critical approaches and creative studio practices in a variety of media. \$50 lab fee. 4 credits. (CS)

AAVC 101 Studio Practices – Multi-dimensional design, critical approaches and creative studio practices in a variety of media. \$50 lab fee. Prerequisite: 100. Offered spring. 4 credits.

AAVC 110 Introduction to Visual Culture – Introduction survey examining critical approaches to interpreting imagery in diverse cultural contexts throughout history. Intended to develop an awareness of the power of visual materials, such as propaganda and advertising, within the socio-cultural, political, philosophical and economic forces that encode imagery with meaning. \$25 lab fee. Offered fall. 4 credits. (CS or IS)

AAVC 120 Drawing I – Fundamentals of gesture, value, DPOUPOGFSSTQFEDSUBJWQVBSJNFVETBYQSFTTJWF critical and thematic development. \$50 lab fee. Offered fall. 4 credits. (CS)

AAVC 130 Ceramics I – Fundamentals of clayworking with exposure to the wheel, handbuilding, glazing and firing (gas, salt and wood). \$50 lab fee. 4 credits. (CS)

AAVC 210 Survey of Non-Western Visual Cultures – Intro-EVDUTPSZV P Z F S P O H & V S R Q U A B O M U V S O F I P E F L P P U A B to develop an awareness of diverse cultures through analysis of art works in various media. \$25 lab fee. Offered fall. 4 credits. (CS or GI E5a.5 0 rradý

Students who successfully complete a major in studio art will: demonstrate technical skills in at least one studio medium;

t QSP EBDP F S D O L F T Q W E P Z X P S B L D D P N Q B O J F E artist statement;

t D S F B O E S F T X F O S U P T S L U I S P W H I T W F M S G O M S B M means;

t E F W F S N F F Q E B S O D B M Z B U Q E S B J M T J L D J B M O E

t E F N P O T W O S E B R U S T U P B O E K O S F O O T F J T U P S Z U and visual culture.

The Studio Art major is available as bachelor of arts degree only. See page 5 for degree requirements.

For a major in Studio Art: 46 credits, 100, 101, 110, 120, 242, B O E I S F E V E U R P O I J D B S F O I F same medium. Students seeking to declare a major in Studio Art shall have completed at least 100 or 101 and be currently enrolled in a third foundation course (110 or 120). Portfolio reviews for



## Art and Visual Culture

video, and digitized imagery or mixed media. May be repeated twice for credit. \$50 lab fee. Prerequisite: 281. Offered spring. 4 credits.

AAVC 390 Portfolio I – Portfolio development in any medium P S P N C J O B Q I F E O S E N Q I B F O T S J U E J D V B M M P Q N F O studio practices, visual, oral and written coherence toward a unified body of work. Students seeking entrance must present a portfolio in advance to a panel of art professors. \$25 lab fee each semester. Prerequisites: 100, 101, 110 and 120 plus at least two 200-level studios and one 300-level intermediate studio, which may be taken concurrently. Offered fall, spring. 4 credits (2 per semester).

AAVC 391 Portfolio II – Portfolio development in any medium P S P N C J O B Q I F E O S E N Q I B F O T S J U E J D V B M M P Q N F O studio practices, visual, oral and written coherence toward a unified body of work. Students seeking entrance must present a portfolio in advance to a panel of art professors. \$25 lab fee each semester. Prerequisites: 100, 101, 110 and 120 plus at least two 200-level studios, and one 300-level intermediate studio which may be taken concurrently. Offered fall and spring. 4 credits (2 per semester)

AAVC 395 Gallery Management and Curatorial Practices – Introduction to the standard concepts and techniques of business gallery management and curatorial practices which include: curating and mounting exhibitions, coordinating press, working with artists and serving as a docent. May be repeated once for credit. \$25 lab fee. Prerequisite: 100 or consent of instructor. Offered spring. 2 credits

AAVC 439 Peer Instruction – Advanced study opportunity for outstanding students to assist faculty members in the classroom or studio. Focus on course content and pedagogy. May not be repeated for credit. Prerequisite: Application and consent of instructor. 3 credits. (Satisfactory/Unsatisfactory) (EL)

AAVC 480 Independent Study – Program of directed tutorial reading or studio project relating to the special interests of the student and supervised by a department faculty member. Prerequisites: 100 or 101 and consent of instructor. 1-5 credits. Lab fee adjusted to credit load.

AAVC 487 Internship – Supervised work at an agency, gallery, or other establishment using technical or organizational skills related to the visual arts. Prerequisite: department consent. 1-5 credits. (EL)

AAVC 490 Thesis I – & M F D U O W F H S B N J O B S B K P S T planning post-graduate work in studio art. Students produce a cohesive body of work and related critical papers and artist statements. Gallery practice assisting the director. \$25 lab fee each semester. Prerequisites: 390 and 391, consent of instructor plus 242 and one additional visual culture course. Offered fall, spring. 2 credits each semester.

AAVC 491 Thesis II – & M F D U O W F H S B N J O B S B K P S T planning post-graduate work in studio art. Students produce a cohesive body of work and related critical papers and artist statements. Gallery practice assisting the director. \$25 lab fee each semester. Prerequisites: 390 and 391, consent of instructor, plus 242 and one additional visual culture course. Offered fall and spring. 2 credits each semester.

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AAVC 198, 298, 398, 498 Special Topics in Jan Term Travel – Topics vary according to faculty availability and interest. Past topics have J O D M & E S E Q # F B S C P R S U F Y J D / P S B X & O Q F E J U J P O French Realism and Impressionism; Visual and Theatre Arts in New York. Offered only as student interest and college resources permit. May be repeated once for credit with a different topic. 4 credits.

## DCE & PORTLAND COURSES

Courses offered only through the Adult Degree Program or on the Portland Campus:

AAVC 150 Design: Two Dimensional 3 credit version of 100. (CS)

AAVC 160 Drawing 3 credit version of 120. (CS)

AAVC 180 Survey of Western Art 3 credit version of 202. (CS)

AAVC 182 Modern Art: 1880-1945 3 credit version of 310. (CS, VP or GP)

AAVC 201 Art Survey: Prehistoric Middle Ages – Introductory survey covering painting, sculpture and architecture. Intended to develop an appreciation/knowledge of the

international socio-cultural, political and economic forces that shaped its development from the Paleolithic era through the Middle Ages. \$25 lab fee. 4 credits. (CS)

AAVC 202 Art Survey: Renaissance-Contemporary – Introductory survey covering painting, sculpture and architecture. Intended to develop an appreciation/knowledge of the international socio-cultural, political and economic forces that shaped its development from the Renaissance to contemporary times. \$25 lab fee. 4 credits.

AAVC 382 Creative Development Studio – Develop art or craft form through mentored work, critical thinking.

\* O U F O C E P P S E & P O M T J O V E P r e q u i s i t e : C o n s e n t o f i n s t r u c t o r . 4 c r e d i t s . ( C S )



# ASIAN STUDIES

See International Studies

t P C U B N O P C W E B E F O C P S O N B S U R P D D J F O U J å D  
| 6 5 7 0 8 7 1 5 2 9 8 1 @ P 0 1 T f 8 5 0 0 8 5 T m 6 1 0 e x t 2 T B T s 3 4 4 6 a t u r l ( 0 4 2 > T  
t E 7 4 T B R O C @ T R U J P O

Student who successfully completes a major in Biochemistry  
and Molecular Biology will possess the ability to:  
t E F N P O T B O E B F S T U B I O E W O E H B N P O U B M J T U S Z  
and biology and the key principles of biochemistry and  
molecular biology;

# BIOLOGY

## Faculty

J. Christopher Gaiser, Ph.D. (Chair)  
Anne Kruchten, Ph.D. (on sabbatical spring 2013)  
Kyle MacLea, Ph.D. (Visiting)  
Catherine Reinke, Ph.D.  
Michael Roberts, Ph.D.  
John Syring, Ph.D.  
Chad Tillberg, Ph.D.  
Jeremy Weisz, Ph.D.

## Affiliated Faculty

D W d Y o 8 h e i ^ e j " F ^ \$ : \$ š ; d l \_ h e d c [ d j W b l j k z e n h a n c e d b y e l d s t u d y a t v a r i o u s l o c a t i o n s , i n c l u d i n g t h e M a l h e u r F i e l d S t a t i o n n e a r B u r n s , T h e S i s k i y o u M o u n t a i n s , a n d t h e C a l i f o r n i a r e d w o o d s . J a n u a r y t e r m c o u r s e s a r e o f f e r e d o c c a s i o n a l l y i n d i f f e r e n t l o c a l i t i e s s u c h a s H a w a i i , C e n t r a l A m e r i c a , S o u t h A m e r i c a , a n d E u r o p e .

## Laboratory Coordinators

Kenneth Kebisek  
Heather Long

Biology courses offer studies to those who wish to major in Biology and continue in graduate study, research, or teaching. They also provide preparation for students wanting to enter medicine, dentistry, or other health professions. In addition, classes familiarize students in other areas of the liberal arts with the vital role that environmental factors play in the lives of all people, and guide them to an appreciation of the intricacy and beauty of the world. The program is enhanced by field study at various locations, including the Malheur Field Station near Burns, The Siskiyou Mountains, and the California redwoods. January term courses are offered occasionally in different localities such as Hawaii, Central America, South America, and Europe.

In successfully completing a major in biology, students must demonstrate:

- t B O E F S T U P G E E D T O S J O D B I O M F C D P G U T  
biology;
- t B E W B M F W E M N Q F U F O D V S F B C J P M P H Z  
) F S F E J C B S M P S E N C M P M P R D P M B E Z  
& W P M V U Q P R O B S Z
- t U I F

BIOL 109 The Life and Death of Cancer – Introduction to basic Biology and pathogenesis of cancer. Overview of many types of cancer with description of statistics regarding prevalence and survival rates. Consideration of economic and social implications of cancer, treatments, and research and drug development. Designed for non-majors. 3 credits. Not applicable to General Science major. (NW)

BIOL 210, 211 Principles of Biology – An introduction to the fundamental principles of Biology including the origin and diversity of living things; the molecular, cellular, and genetic bases of life; the structure and function of organisms, their evolution and ecology. Lecture and laboratory. Required for Biology majors. Completion of 210 is a prerequisite for enrollment in 211. \$60 lab fee. Recommended: Concurrent or completed CHEM 210. 4 credits each semester. (NW)

BIOL 212 Human Anatomy – A systemic approach to structure and basic functions of cells, tissues, and organs of the human body. Lab exercises include cat dissection, microscopic examination of tissues and organs of the body and utilization of human cadaver dissections. Lecture and laboratory. \$60 lab fee. Prerequisites: Completion of one full semester of college. One year of Principles of Biology or General Chemistry is strongly recommended. Acceptable for general science major. 4 credits. (NW)

BIOL 213 Human Physiology – Functioning of human body systems relating to organization and structure; support and movement; internal communication; integration, coordination, and sensation; internal transport; energy acquisition and metabolism; fluid regulation; and reproduction. Lecture and laboratory. \$60 lab fee. Prerequisite: 212 or consent of instructor. Offered fall and spring. Acceptable for General Science major. 4 credits. (NW)

BIOL 220 Research Methods – Instruction and practice in techniques used in research laboratories. May be repeated for Biology major or minor elective credit. Prerequisite: consent of instructor. 1 credit. (EL)

BIOL 225 Tropical Ecology in Costa Rica – Introduction to tropical ecosystems and to the relationship between humans and those environments. Field trips to several tropical ecosystems including humid, dry, and cloud forests and to agricultural or biological research stations. Conducted in Spanish. Prerequisite: 211. Offered fall. 3 credits. (NW or GP)

BIOL 235 Field Methods in Biology and Environmental Science – A hands-on exploration of the methods used to gather and analyze data taken from the field, including quantification of the diversity and distribution of plant, animal, and fungal species, populations, communities, and ecosystems, of hydrology and water quality, and of GIS software. Lecture, laboratory, and field trips. \$60 fee. Prerequisites: 211, MATH 140 recommended. 4 credits.

BIOL 250 Plant Growth and Development – Study of the basic structure and function of the cells, tissues, and organs of higher plants. Detailed exploration of the genetic and molecular C B T F Q S P D FT V L B I G M P X B S Q U E N H C S Z P H & O I Q T B T J on current models of plant development using scientific papers from the primary literature. Lecture and laboratory. \$60 lab fee. Prerequisites: 211. 5 credits.

BIOL 260 Plant Diversity and Ecology – Study of the evolution and systematics of plants, including mosses, ferns and fern allies, gymnosperms, and angiosperms; the global and regional distribution and ecology of plant communities and ecosystems; and the interrelationships between plants and humans. \$60 lab fee. Prerequisites: 211 or ENV 201, 203. 4 credits. (NW)

BIOL 270 Genetics – Fundamental principles of heredity from viruses to man, with emphasis on chromosomal mapping, gene regulation, and modern concepts of DNA manipulation. Lecture and laboratory. \$60 lab fee. Prerequisites: 211, CHEM 210. 5 credits.

BIOL 275 Introduction to Microbiology – Introductory course covering the basic concepts of microbial world, beginning with a review of biological and chemical concepts. Focus on the prokaryotic and eukaryotic organisms with clinical and industrial importance. Meets the prerequisites for students planning to major in Nursing. \$60 lab fee. Prerequisite: 211 or CHEM 211. 4 credits.

BIOL 280 Marine Ecology – The physical and biological factors in the marine ecosystem and their interrelationships, emphasizing the rocky intertidal, sandy beach, and deep abyss environments. Lecture, laboratory, field work, and projects. \$60 lab fee. Prerequisites: 211, CHEM 211 recommended. 4 credits.

BIOL 285 Principles of Ecology – Introduction to structure and functions of ecosystems, communities, and populations with emphasis on terrestrial and fresh water environments. Introduction to science of laboratory ecology and field research. Quantitative field techniques, basic statistical tools, and independent research study. \$60 lab fee. Prerequisite: 211 or ENV 201. 5 credits. (NW or QR)

BIOL 290 Plants and Society (also listed as ANTH 290) – An interdisciplinary study of past, present and future uses of plants, the products made from them, the sociocultural contexts in which the plants are used, their impact on the development of human societies, and the impact of humans on plant populations worldwide. Three hours of lecture per week plus field trips. \$60 lab fee. Prerequisites: 211, ANTH 111, or ENV 203. Offered fall of even years. 4 credits. (NW)

BIOL 295 Sophomore Seminar in Biology – Career planning and skills in biology. Career guidance, networking, ethics, problem solving, scientific exploration, resume and/or CV writing, informational interviews, attendance at and summary of several Science Colloquium meetings, and class presentations. Prerequisite: sophomore standing. (Satisfactory/Unsatisfactory) 1 credit

BIOL 300 Topics in Biology – Specialized focus on new developments, advanced topics, or subjects of current interest in biology. Lecture/lab, lecture/field work, or seminar format. May be repeated once for credit with different content. \$60 lab fee. Prerequisites: 211 and junior standing. 3 credits.

BIOL 330 Insect Biology – & Y Q M U P I S F F W P M V E U J W P O S T J U Z anatomy, physiology, reproduction, development, ecology, and behavior of the most abundant animal form on planet earth – the insects. Class meetings will be a mixture of traditional lecture with frequent in-class discussions and activities. The laboratory will include experimental and experiential investigations of material coordinated with the lecture. Students assemble and curate an insect collection. \$60 lab fee. Prerequisites: 211 and junior standing, or consent of instructor. 4 credits.

BIOL 335 Human Embryology – An examination of human developmental anatomy, beginning with an analysis of early embryonic development and an overview of the fundamental principles of developmental biology, and continuing with a description of the development of each of the systems of the human body. Prerequisite: 212. Offered every other or every third spring. Not available for Biology major or minor. 3 credits. (NW)

BIOL 350 Biology and Identification of Woody Plants – Intensive field and lecture course for identification of tree, shrub, and vine species prominent in Oregon ecosystems. Biogeographic history, landscape and disturbance ecology, ecological specialization, evolutionary history, and impacts of global warming and other anthropogenic environmental changes. Lab trip to the Redwoods. \$60 fee. Prerequisite: 211. Offered fall of odd-numbered years. 4 credits.

BIOL 361 General Microbiology – The Biology of the major groups of microorganisms with emphasis on bacteria and viruses. Microorganisms in human disease, the environment, and applied microbiology. Lab techniques for isolating and identifying

## Biology

bacteria. Three lectures and one laboratory per week. \$60 lab fee. Appropriate for biology and exercise science majors. Prerequisites: 211, CHEM 210. 4 credits.

BIOL 385 Plant Systematics – & W P M V U Q J P S T B C S F D G U J W F diversity and adaptations of vascular plants. Special emphasis given to vascular plant classifications, recognition of family-level traits, and plant nomenclature. Collection and identification of ferns, gymnosperms, and flowering plants in Oregon. Lecture, lab, and field trips. \$60 lab fee. Prerequisites: 211 and junior standing. 270 strongly recommended. Offered spring of odd-numbered years. 5 credits.

BIOL 390 Vertebrate Physiology – Physiological principles in vertebrates, with emphasis on mechanisms of integration and homeostasis at cellular, organ, and system levels. Lecture and laboratory. \$60 lab fee. Prerequisites: 211, CHEM 211. 5 credits.

BIOL 395 Junior Seminar: Topics in Biological Literature – Detailed investigation of selected topics in the biological literature via discussion and critique of current research papers. Student oral presentation. Prerequisites: 211 and junior standing. Offered spring semester. 1 credit.

BIOL 400 Molecular Cell Biology – Study of the molecular mechanisms of fundamental biological processes such as transcription, translation, and DNA replication; molecular cell biology of eukaryotic organisms. Concepts introduced at the beginning of the course applied to the molecular biology of complex multicellular processes such as development, immune response, and cancer. \$60 lab fee. Prerequisites: 211, CHEM 211 and junior standing. 5 credits. (MWI)

BIOL 410 Animal Behavior – Concepts in animal behavior at multiple levels of biological organization. Perspectives range from genetic and neurophysiological underpinnings of behavior to resulting behavioral interactions of animals with their environment and other organisms. Topics include behavioral genetics, hormones and behavior, mating behavior, parent-offspring interactions, habitat selection, navigation, foraging, self defense, communication, learning, sociality, and behavior and conservation. Laboratory includes experimental hypothesis testing in field and lab; data collection, analysis, and presentation; and grant proposal. \$60 lab fee. Prerequisites: 211 and junior standing. 4 credits. (MWI)

BIOL 420 Developmental Biology – Study of the early development of vertebrates and selected invertebrates, with emphasis on genetic, biochemical, and physiological processes influencing formation and growth of organ systems. Lecture and laboratory. \$60 lab fee. Prerequisites: 211, CHEM 211. BIOL 270 strongly recommended. 5 credits.

BIOL 432 Immunology – The nature of antigens, lymphocytes, immunoglobulins, and the regulation of the immune response. Applications to infection, hypersensitivity, tumor immunity, transplantation, and autoimmunity. Three lectures per week. Prerequisites: 211, CHEM 211, 321. 3 credits.

BIOL 433 Immunology Laboratory – Laboratory techniques in basic hematology, serology, cell culture, and experimental immunology. \$60 lab fee. Prerequisite: 432 concurrent. 1 credit.

BIOL 439 Peer Instruction – Advanced study opportunity for outstanding students to assist faculty members in the classroom or laboratory. Focus on course content and pedagogy. Prerequisites: junior standing; application and consent of instructor. 1-2 credits. (Satisfactory/Unsatisfactory) (EL)

BIOL 441 Biochemistry and Molecular Biology – Study of the biochemical and molecular processes within a cell. Consideration of the role of lipids, amino acids, carbohydrates, and nucleic acids in the fundamental cellular processes of replication, transcription, translation, signaling, and transport. \$60 lab fee. Prerequisites: 211, CHEM 211, and junior standing. 4 credits.

BIOL 450 Evolution – Historical development of modern synthetic theory; sources and maintenance of variation, population differentiation, origin of species; applications to conservation and human welfare. Lecture and field trips. \$60 lab fee. Prerequisites: 211 and junior standing. 270 strongly recommended. 5 credits. (MWI)

BIOL 480 Independent Study – Supplemental work for students with advanced standing in biology. 1-5 credits, with a maximum of 5 credits applied to the major.

BIOL 485 Seminar – Group study and discussion of contemporary problems, research issues, and ideas in biology. Oral presentation. Prerequisite: one year of college biology. 1 credit.

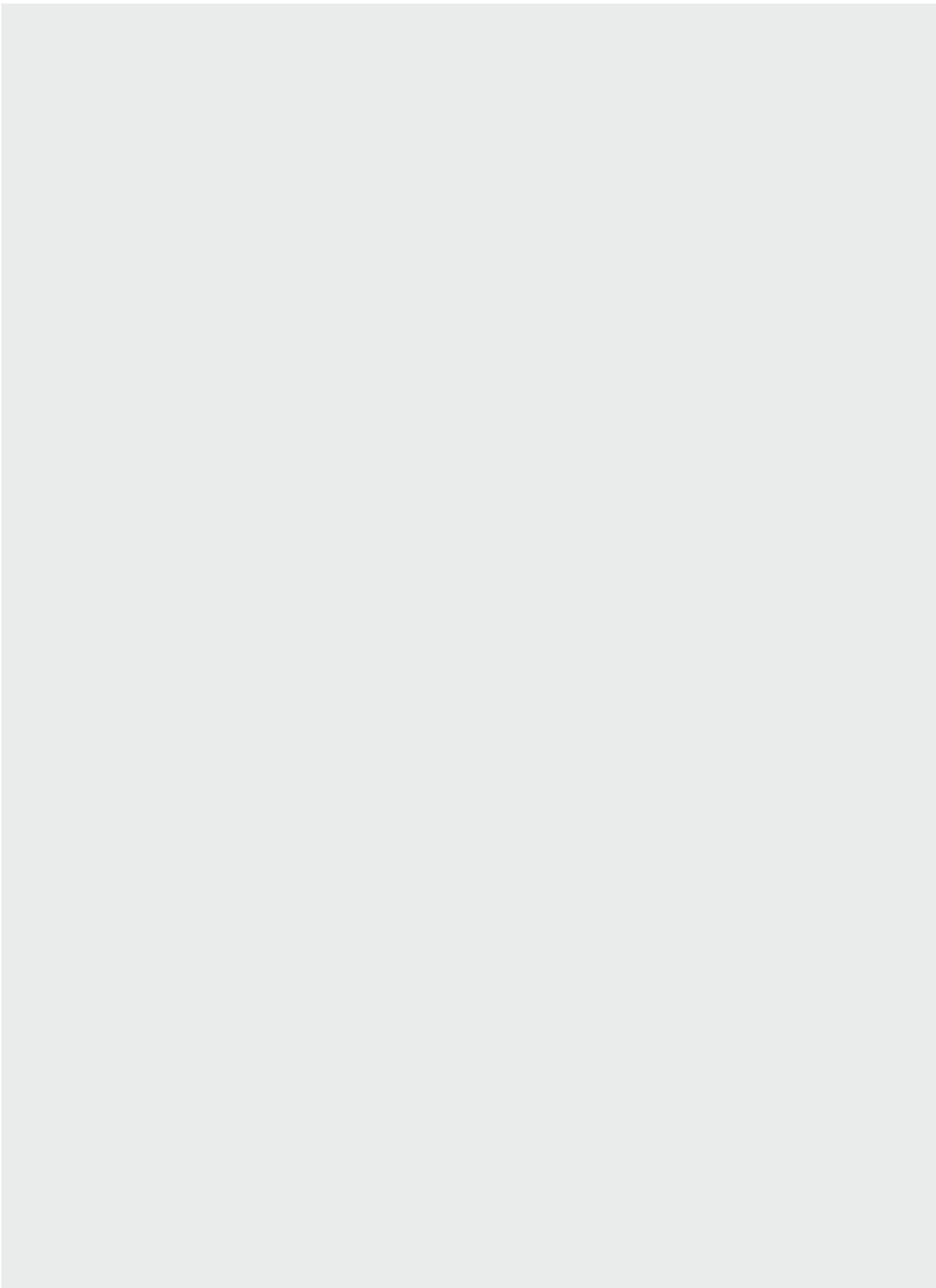
BIOL 486 Senior Comprehensive Examination – Preparation for oral examination emphasizing breadth of knowledge in general Biology and depth of knowledge in areas of course work. Prerequisite: senior standing. 1 credit.

BIOL 487 Internship – Opportunity to gain practical experiences, e.g. at a field station, with a health care professional, in a business, or with a governmental agency. Written report. One credit per 40 hours of experience. Prerequisite: consent of department. Maximum 5 credits may be applied to the major. (EL)

BIOL 490 Independent Research – Field or laboratory research on topics of interest to student. Library work and extensive written report. For advanced, self-reliant students. Prerequisite: consent of instructor. 2-5 credits. Maximum 5 credits applied to the major.

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BIOL 198, 298 398, 498 Special Topics in January term off-campus courses – Topics vary according to faculty availability and interest. May be repeated for credit with different topics. 4 credits.



For a major in Accounting, Business Administration, or Business Management, students must demonstrate:

- t 8 S J U S I F N O N V O J D B O S I P G F T T D I P N O B W O U Z E F B F research, and analysis in written form.
- t 0 S M N N V O J D B O S I P G F T T D I P N O B W O U Z E F B F research, and analysis in oral form.
- t 2 V B O U J I B B U T I R V G J O H F S O S E I O B M R Z I B O U J U B U J W F information, and present quantitative information in various formats.
- t 5 F D I O P M S P H O D B U I 6 Q B E Q B S F S F T X F O S U L O B D D F Q U I B C I O P M G P H S J N D B O M F D J & D P S N E M Z D B O E PowerPoint.
- t \* O G P S N B U F S S D F Z F B J S O U I F S E C S E Z L O U I F C T R U F traditional and on-line resources, and know the limits thereof.
- t \$ S J U S I D O M J O H 1 \$ P O W E F M / F B O Q E F S T U B O E J O H of exactly what a problem or situation requires; develop and communicate the logical conclusion thereto
- t & U I O N O E F S T B O E F W F M O Q Q S F D G B U S I E P O U that businesses must operate within an ethical framework that extends beyond societal laws.
- t - F B E F S T E I R Q F M O Q E F S T U B O E R O B H M P G J F T leadership; distinguish between management and leadership; understand and identify the vision thing.
- t ( M P G B S I T Q R E S E D I P I L O T H I O @ C O M D O A N S I E P . U D . T O B " , ) C O global; develop an understanding and appreciation for cultural differences; implement those differences into business planning.

Majors in business are available as bachelor of arts or bachelor of science degrees.

- (a) complete MATH 160 or above or the equivalent; and
- (b) complete MATH 140 or equivalent.

**Departmental Policy on Prerequisites and Residency**

The department presumes that students will have taken the applicable prerequisite(s) when registering for courses. However, all courses have the option of consent of instructor. Prerequisites will be waived when the instructor deems that a student's background or other extenuating circumstances render the applicable prerequisite(s) unnecessary. If the instructor of the course is an adjunct faculty member, permission of the department chair must also be secured.

For purposes of meeting the college's residency requirement, the Business Department requires that 15 credits in the major be J O P V S C V N C F S F B O E C P W F

The Sport Management minor is housed in the Business Department. The minor is interdisciplinary, with requirements in Business; Health, Human Performance and Athletics (HHPA); & D P O P B J D E T J M P T B Q G Z B B H F G P G V S U I O S P S mation and requirements.

The Department of Business Academic Achievement Award

## Business

BUSN 362 Intermediate Accounting II – \$ P O U J O V B G J P O  
Liabilities, shareholders' equity, dilutive securities, and investments. Issues related to income determination and the preparation and analysis of financial statements. Prerequisite: 361. 4 credits.

BUSN 380 Industrial Organizational Psychology – Role of psychological principles in personnel selection, testing, human engineering, employer/ employee relations, production, efficiency, training, and safety. Prerequisite: 301 or PSYC 101 or 188. 3 credits.

BUSN 405 Human Resource Management – Techniques for administering the personnel function. Organizing, staffing, recruiting and placement, performance appraisal, training and development, wage and benefit administration, labor relations, and auditing manpower requirements. Prerequisites: 301, 340, MATH 140. 4 credits.

BUSN 407 Organizational Behavior – The individual in the organization. Participation, leadership, motivation, communication, decision-making, team development, conflict resolution, and adaptation to change. Prerequisites: 301, MATH 140. 4 credits.

BUSN 410 International Management – & Y B N J O B G J P O  
cross-cultural issues in the management of the multinational firm. Sociocultural context, broad environmental issues, legal and political aspects, operational and strategic considerations, social responsibility and ethical issues. Prerequisite: 301. 4 credits. (GP)

BUSN 415 Business, Ethics, and Society – & U I D D P B O M F Q U T  
relevant to resolving moral issues in business. Analytic skills for applying ethical concepts to business decisions. Moral issues in management related to social and environmental issues. \$20 fee. Prerequisites: 301, 340. 4 credits.

BUSN 420 Sales and Sales Management – Introductory study in sales management, exploring the variables of sales motivation and performance to specify their interrelationships. Prerequisites: 321, MATH 140, 160. 4 credits.

BUSN 421 Promotions Management – & Y B N J O B M E P P M T  
within the promotional mix – advertising, public relations, sales promotion, direct marketing, internet and sales channels. Analysis of the pros/cons of each and how the creation and execution of consistent brand development throughout the promotional mix is key to building and maintaining brand equity. Prerequisites: 321, MATH 140, 160. 4 credits.

BUSN 423 Entrepreneurship – Understanding the skills and N P U J W B B R V C S F S U S F Q S F O D V S T B M J O B G J P O  
start-up requirements; organization structure; legal, financial and I V N B S F T P V S P O T J E F & N I Q J B O G P S N V M P B U J P O  
effective business plan in a small business environment. Prerequisites: 301, 321, MATH 140. 4 credits.

BUSN 426 International Marketing – International marketing for multinational enterprise; economic, political, and cultural environments; international marketing research, product adaptation, pricing strategies, communications and distribution channels; international logistics, promotion, organization and control; marketing services and countertrade. Prerequisites: 321, MATH 140, 160. 4 credits. (GP)

BUSN 427 Topics in 0046005100530046004F004600560050 00500053004E in 0AijlTlal 160ness plgro243niccuss50( untertr)18Stud T\* p11.((tpn,





A student who successfully completes a major in chemistry will be able to:

- t E F N P O T L O S P X U M P E H F N J T U O S P Z P S I E W F  
traditional subdisciplines
- t P C U B W O B M B O E T F F O G P S N G S J R U N D D J F O U J å D  
literature
- t D P N N V O B G E F D O P W P S B B I O M E X S J U J O H O S F T  
appropriate to the discipline
- t B T R V F T U E P O J H Y O F S J N B Q E O U F S O F S F W U T
- t E F N P O T T U S G B U F O T D J P B O T E B F O P S I B C J U T
- t X P S L S P E V D X U W M F M Z C J I U H O H I J D B W Q G S U E D z r H q - 5 5 5 € •  
as an individual and as a team member

The chemistry major is available as a bachelor of arts or  
C B D I F M O P S z r H q - a D

CHEM 300 The Art and Science of Brewing – Academic approach to the production and critique of brewed beverages. Malting, brewing, fermentation and bottling/kegging. Historical development of brewing science. Human health aspects related to brewing and the consumption of fermented beverages. \$50 lab fee. Prerequisites: Completion of a lower division NW, MATH 105 or equivalent, plus 21 years of age or older by the first day of class. Application and interview required. Offered January term of even-numbered years. 4 credits (NW)

CHEM 321, 322 Organic Chemistry – The chemistry of carbon, including preparation, properties, and reactions of important  
D M B T T F T

In successfully completing a major in Computer Science, a student will demonstrate:

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computer science;

t JOEFLOORXMPBHPGUXBWFFMPQIFEQBSLET  
systems development and administration, and information  
management;

t BCJMQUZEOTJJNQMFNFOEUBJOUBBISEXB SF

cal data models and modeling tools; mapping conceptual schema to relational schema, entity and referential integrity, relational algebra and relational calculus. Database query languages (Structured Query Language (SQL)). Relational database design, transaction processing, and physical database design (storage and file structures). Database implementation, including user interface and reports. \$30 lab fee. Prerequisite: 160 or 152. Offered fall. 3 credits





## Economics

ECON 322 Economics of College Sports – Application of economics analysis to intercollegiate sports. Analysis of the NCAA as a cartel and the labor market for college coaches. Role of the media in the commercialization of college sports. Issues paying college athletes and reforms to improve balance between academics and athletics\$40 fee. Prerequisite: 210. Offered spring. 4 credits (IS or US)





## Education

### Pre-Admission

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P S F M B U F N E Y Q F S J F O D F  
t &%6\$ &EVD B U J T Z O B M M P H Z  
t 1 B B C B T J U J W M M T U





- \* ~~OT V D D F T D R N Q W M E N B Q P Q M F D U S R U T U D E K O M M~~
- t ~~V O E F S T U R B O G E B N G S U C B D B Q E F F C D P G U T~~  
computer science, visual art and mass communication;
- t ~~E F N P O T E U S B W B Q M F R E D M N Q F U F O D I F F E J V N~~  
appropriate to the core track of the major, both aesthetically  
and technically and present it in a coherent polished project or  
body of work;
- t ~~M F B S O U K P S L C W M F P T O G S P H S B N F O J U S P O N F O U~~
- t ~~E F W B M P E Q R W C U E F F S T U R B O E E J O T H J B O I B O F~~  
academic preparation to successfully enter graduate school or

\* O T V D D F T D T E N Q I W E N B Q P G O H M T U V E K O M B W F  
t D M F B C E S S T U B C E X I B Z N J U F S B B U O B S U J D V M B U F T  
B O S E F y F D R I T Q E P M J B Q E B M U D V S C B M F Y U T  
t E F F Q F S U I B Q Q S F D R Q U P F N C X O P P Q c i % A ' P D à @ Q P F N T

## PARACURRICULAR COURSES

ENGL 020 Literary Magazine – & E J U U O B P M M B H F S B S Z  
magazine Camas. Planning, soliciting submissions, making selections,  
preparing manuscripts for printing. 1 credit. (EL)

ENGL 120 Literary Magazine – & E J U U O B P M M B H F S B S Z  
magazine Camas. Planning, soliciting submissions, making selections,  
preparing manuscripts for printing. For departmental majors only.  
Prerequisite: consent of instructor. 1 credit.

ENGL 125 English Grammar – For students who need an  
J O U S P E U P S F C S F T A S H U S T B N N B S M Q B U S U H T  
of speech, phrases, basic sentence patterns, tense, mood, and  
punctuation. 2 credits.

ENGL 200 Introduction to Creative Writing – A beginning  
course in creative writing. Introduces students to writing in  
various genres by means of creative exercises and assignments,  
workshops, and individual conferences. May include poetry, fiction,  
plays, and creative non-fiction. 4 credits. (CS)

ENGL 250 Pwri3G 566.36250 Pwrocourse in pan < 4.8fiction.w [(1rj30 Tcy603..5 0 0who C566.145 Tm 5.687 -1DTf T\* ( )Tj /T1\_2 1 Tf [( ENGL 2  
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Q B S U T Writing – A beginning  
of 4m 264 0703.1D21.72 -1414.821 Td <00510042005300550054>Tj ET BT /Span <</ActualText (pÿ )>>BDC /CO\_0/8.812. ning Writing – A beginning  
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Courses offered only through the Adult Degree Program or on the Portland Campus:

Legend or the Victorians. May be repeated once for credit

ENGL 303 Children's Literature – Literature available in various forms for children. Development of skills in the understanding as well as the presentation and teaching of the literature. Prerequisite: INQS 125 or 126 or consent of instructor. 3 credits.

ENGL 306 Diverse Voices in Literary Expression – 3 credit version of 305. Prerequisite: INQS 125 or 126 or consent of instructor.

ENGL 308 Topics in Literature – & Y Q M P S B O B R O S works of world literature dealing with a particular subject, theme, or cultural legacy, seen from within applicable historical contexts. May be repeated for credit with different topics. Prerequisite: INQS 125 or 126 or consent of instructor. No more than 8 credits of 301/308 may be counted toward the departmental majors/minors. 4 credits.

ENGL 310 Topics in American Literature – Specialized focus upon American literature with such topics as " N F S J B O O J D P E E S O R J S N M J U F S B O I N F S F Civil War. May be repeated once for credit with different content. 3 credits.

ENGL 312 Topics in English Literature – Specialized G P D P O H M U T U F S B U W S E I P Q B D T F S U I V S J B O

ELCP 095 Individualized Study – Development of reading, writing, and listening skills through a program of self-access assignments specifically selected to meet the individual's needs. Schedule of supervised work and individual tutoring. 1-2 credits.

ELCP 100 Language Practice: Social and Academic Skills – An J O U F O T P W S R F V O D U & O H E U R S \$ 1 T U V E F C S U B D J M J-  
tate integration into the community and preparation for academic study. Includes survival skills, cultural awareness, basic computer and study skills, and writing projects. \$10 fee. 4 credits.

ELCP 101 Academic Listening and Speaking I – Development of listening and speaking skills enabling students to function F G G F D J U B O B N B Z F T F J D U & J O C H I B P O T S F Q B S F E E  
impromptu speeches group discussions, debate, and video-based B D U J V \$ P O U F J T Q V S B E R J G D I H M O T O G P S N E M S N B M  
settings: role play, simulations, and community field work. \$10 fee. 4 credits.

ELCP 102 Academic Listening and Speaking II – Continuation of 101 to prepare students for success in academic courses. Training in group discussion dynamics. Participation in whole class/small

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Courses offered only through the Adult Degree Program or on the Portland Campus:

ENVS 302 Shoreline Ecology – The oceans as a habitat for life; oceanographic processes affecting shore life; field observations of representative shore habitats of the northern Oregon coast; laboratory examinations of selected shore dwelling animals and plants. \$100 fee for ADP students. 3 credits. (NW)

ENVS 303 Human Ecosystems – & Y Q M P **B B D J P O U J G J D** concepts and principles pertaining to the interrelationships among humans, other living organisms, and their environments; impact of past and current human activities on these natural processes; environmental economics, politics, and ethics. \$100 fee for ADP students.

## EUROPEAN STUDIES

See International Studies

## Gender Studies/General Science

Students completing a minor in Gender Studies will have an opportunity to:

- t & Y Q M I F D O B F S Q O U F M N G S B B N B N M L Z B L B T T  
T J H O J á D I B O U W A D J Q M E S B S E Z E S U T E D B E F N Z  
J O D M U E F O X Q S J N S S M E O E I V Q F D P B F S V D J B M  
site of knowledge-construction in its own right;
- t 1 B S U J D Q Q B S P T T E J T D B Q M F S B S Z U R G P T S N F E  
gender analysis demands culminating in a synthesizing capstone  
seminar that draws together upper division minors from a wide  
W B S B G E Z U E P N Q B S F S S T Q F D O U F M F Q B S B E B M N T  
in terms of gender theory;
- t 3 F D P H O J B F T U I F U J D



Health, Human Performance and Athletics

- t E F T B Q Q S P C F S F S U D F F D S G E S I V P Q S T C F V M B U J P O T  
X I J D B D D P Q R S P T T N C E J á D B E W P D O W J S P O N F O U B M  
conditions and special needs of the subjects;
- t F O H B O H F B M U S P N P B D P O W O D M F C E Z O H D B M  
assessments; interpretation of assessments, and program design  
and delivery; and
- t Q V S P O H P Q O P I G F T E F W O E M Q O Y F S B O T E Q P S U



DMVEJOH





## Health, Human Performance and Athletics/History

Fitness Centers), corporate education or fitness programs, or public organizations (schools, correctional institutions, hospitals, day care centers). Open to advanced students who have completed prerequisites including requirements for entrance into a teacher education

program, if applicable. \$60 fee (Section 02 only). Prerequisites: senior standing, complete pre-application, and instructor approval. 1-10 credits, but maximum 5 credits count toward the major. (Satisfactory/Unsatisfactory)

In successfully completing a major/minor in history, a student will possess:

t B

popular culture. 4 credits. (VP or GP)

HIST 126, 127 Introduction to Eurasian Civilizations I and II –  
& Y Q M B S I J T U P S Z T U & S S P E C I E F O U S B O S R U N F  
tenth century to the present.

## History

how older literary forms made the leap to film and TV (especially forms like zoos and animal theme parks that have emerged in the last century and how they too have influenced how Americans think about wildlife and the natural world. 4 credits (VP or US)

HIST 276 Native American History – Overview of Native American history from the pre-contact period to the present. ways in which indigenous people adapted to centuries of rapid change. Themes include cultural contact and exchange, shifting race relations, changing federal policies, and Native peoples' resilience over time. 4 credits. (VP or US)

HIST 285 Methods of Historical Research – Training in the methods of researching and writing history. Required of all History majors and double majors; recommended for minors. 5 credits. (WI)

HIST 300 Topics in Asian History – Focus on special areas of importance in Asia's complex and multifaceted history such as: 1945; the Vietnam War. May be repeated if topic differs. Prerequisite: Sophomore standing or above. 4 credits. (VP or GP)

HIST 301 Topics in European History – Focus on special areas

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**INTERCULTURAL COMMUNICATION**

The Intercultural Communication major offers students an interdisciplinary degree program with a core of Communication Arts courses. Students in this program engage the theories and models for understanding the dynamics of human communication across a variety of cultural contexts. By placing students in both domestic and global communication sites, the major provides students with unique opportunities to draw upon knowledge gained in the classroom as they experience those concepts in daily interaction. This program includes the following cognate areas: interpersonal communication, intercultural and multicultural communication theory, communication and diversity, gendered communication, small group communication, performance ethnography, nonverbal communication, and global and domestic culture studies. For additional information, see the Department of Theatre and Communication Arts.

**INTERDEPARTMENTAL STUDIES**

**Coordinator**  
Martha Van Cleave, Ph.D.

Students at Linfield may pursue degrees in subject areas that span two or more academic disciplines, such as General Science or International Business. For descriptions of these programs, please see their pages in the McMinnville section of the catalog.

Linfield also provides students the opportunity to design their own interdisciplinary majors within carefully prescribed guidelines. For further information on Individual Majors, see the Degrees and Requirements section of the catalog.

In its attempt to serve students' educational needs, Linfield offers some courses that do not fit readily into the established academic disciplines. These are taught as Interdepartmental Studies (IDST) courses, described below.

IDST 040 Pre-nursing Seminar – Overview of expectations of pre-nursing students on McMinnville campus, process of migration to Linfield nursing program, and nursing as career. Focus on self-awareness, career decision-making, learning skills, and success in nursing program. Offered spring. 1 credit.

IDST 050 Career Exploration – A structured process for learning more about majors and careers. Development of personal career plan. Offered by the Office of Career Services. 2 credits. (EL)

IDST 052 Career Planning and Preparation – The transition from campus to career success. Goal-setting, decision-making, and job hunt preparation (resumé writing, interview techniques, and job hunt strategies). For senior students. Offered by the Office of Career Services. 2 credits. (EL)

IDST 060 Resident Advisor Training – Skills and techniques required of residence hall staff members. Student personnel philosophy, student development theory, interpersonal skills evaluation. Offered by Student Services Residential Staff. 1 credit. (EL)

**PARACURRICULAR COURSES**

IDST 007 Colloquium – Becoming a successful college student. A fall semester orientation to college in general and Linfield in particular, conducted by a faculty advisor for his or her advisees with the help of a peer advisor. Focus on the transition from learning in high school to learning in college, health issues in the college environment, the resources of the Linfield community, the process of making sound academic and career choices. Must be attempted by all fall semester first-time students. Graded Satisfactory/Unsatisfactory with no retake permitted. \$15 fee. 1 credit. (EL)

IDST 010 Learning Skills – Introduction to the psychology of learning through a blend of theory and practice. Discovering preferred learning styles and ways to access the mind's enormous capacity for storage and recall. 1 credit. (EL)

IDST 012 Experiential Leadership Seminar – Seminar for students involved in any type of leadership position. Focus on learning styles, reflection on leadership experiences. Training for more effective leadership through application of skills and theories presented in course. Offered through the Office of College Activities. 1 credit. (EL)

IDST 031 Intercultural Communication: Departure and Reentry – This course is required of all who study at one of Linfield's semester-abroad sites. 1 credit. (EL)

IDST 035 Perspectives on Japan – Introduction to a wide range of perspectives on Japan through the arts and sciences, law, medicine, architecture, and engineering. For Linfield Semester Abroad students attending Kanto Gakuin University. 1 credit. (EL)

IDST 061 Leadership and Greek Letter Organizations – In-depth study of Greek letter organizations and surrounding issues. Historical perspectives, community service, risk management, leadership skills. Offered through the Office of the Greek Advisor. 1 credit. (EL)

IDST 062 Resident Advisor In-Service Class – For current residence life staff members only. Focus on pro-active leadership, community development, and use of campus resources in the residence halls. Issues faced by student staff members coordinating their own education with the needs of their residents. Offered through the Office of the Director of Housing. 1 credit. (EL)

IDST 080 Personal Success Skills – Development of practical life skills in areas of: a) stress management and reduction; b) assertive communication and interpersonal effectiveness; and c) self-esteem development and depression/anxiety prevention. 2 credits. (EL)

IDST 090 Global Issues Forum – Readings in contemporary global issues and events and weekly discussion in small seminar groups. Required of all International Studies minors. May be repeated. 1 credit. (EL)

IDST 098 Orientation to International Study – Readings and presentations on selected topics related to program of study and cultural issues, preparation for international travel, and discussion in small seminar group. Offered fall semester in preparation for specific January term off-campus course. May be repeated. Prerequisites: Acceptance in the associated January term course. Offered fall. 1 credit.

IDST 099 Academic Pathways – Self-assessment and development of strategies for succeeding in college-level academics. Topics include curricular planning, examination of skills, interests, and motivation, time management, and use of academic resources. Content covered through discussion, lecture, and activities. For reinstated and academic probation students only. 1 credit. (EL)









In successfully completing a major in mass communication,  
students will:  
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media studies as approved by the academic advisor, and at least one of  
U I F

## Mass Communication

MSCM 337 Mass Media and the Law (also listed as POLS 337) – Legal, regulatory, and ethical issues involving print and broadcast media and the Internet, including libel, obscenity, invasion of privacy, shielding of sources, freedom of the press, copyright, and government regulation. Prerequisite: INQS 125. 4 credits.

MSCM 340 Mass Media and Popular Culture – The role of the mass media in the origins, development, and dissemination of American popular culture. Consideration of elite critiques of popular culture. Analysis of popular cultural manifestations in films, television, comic books, recorded music, and other media. Prerequisite: INQS 125. 4 credits.

MSCM 345 Mass Media, Politics, and Public Opinion (also listed as POLS 345) – The role of the mass media in shaping

Students who complete a mathematics major:

t Q P T B V T C E F S T U B O E Q O S F D R B U S B O B E O E  
beauty of the mathematical sciences and their deep interconnecting  
principles;

t B S C M X P S L O E F Q F O E G D R U M Z E F O L B U Z F N B U J D B M  
situations;

t E F W B M P W J C E F S T U B O E D P S F V O E B N P C U B M T

## Mathematics

MATH 120 Introduction to Game Theory – Topics in economic game theory including two-person zero-sum games, Prisoner's Dilemma, n-person competitive and cooperative games. Focus on concepts of strategy, fairness, cooperation and defection, utility and individual rationality. The social impact of individual choices. Prerequisites: High school algebra I and geometry, or equivalent. Offered fall of even-numbered years. 3 credits. Not for General Science majors. (QR)

MATH 125 Introduction to Voting Theory – Study of voting and elections from a mathematical perspective; examination of preferential voting systems with focus on axioms of fairness; weighted voting systems and indices of power; methods of ap-  
Q P S U J P Q N B S C E B O E T R M F D S P S I M F H E  
Prerequisites: High school algebra and geometry, or equivalent. Offered fall of odd-numbered years. 3 credits. Not for General Science majors. (QR)

MATH 130 Problem Solving – Mathematical problem solving; understanding the problem, devising a plan to solve the problem, implementing the plan, verifying and communicating the solution.  
4 Q F D Q S D C M F S I B U F O H E Z F Q F Q S P C M F N S T J D U I F Z  
B S F Q Q S P Q S N U C I B F O T P N N V O J D B R U M F O C P S B U J P O  
problem-solving strategies. Prerequisites: High school algebra I and geometry, or equivalent. Offered spring of odd-numbered years. 3 credits. Not for General Science majors. (QR)

MATH 135 Mathematics for Elementary School Teachers I – The mathematics of the elementary school. Problem solving, sets and logic, number and numeration systems, whole number operations and their properties, patterns among natural numbers, the art of guessing, fractions, decimals, ratios and portions, integers, rational and irrational numbers, and the use of calculators. Prerequisite: MATH 105 or equivalent. 4 credits. May be applied to General Science major only with approval of the department chair. (QR)

MATH 136 Mathematics for Elementary School Teachers II – A  
D P O U J O F B U S P O M M F B O E B O B U N G E B U E P O D F Q U T  
of probability, measurement, spatial concepts including one, two and three dimensional shapes, congruence, similarity, transformations, graphic and computers including the use of Logo. Prerequisite: 135 or consent of instructor. 4 credits. May be applied to General Science major only with approval of the department chair.

MATH 140 Introduction to Statistics – An introduction to probability and statistics including methods of summarizing and





A major in one of these languages focuses on two types of proficiency: linguistic and cultural. Students will have acquired the productive vocabulary, structure, and cultural competence necessary to:

t N B O D H P O W F S P O U S S F O U N D I G V C M J D

JG

## Modern Languages

MLSP 032 Cross-Cultural Issues: Costa Rica and the U.S. –& Y-amination of Costa Rican culture values, self-image, and communication styles as compared with the United States. 1 credit. (EL)

IDST 035 Perspectives on Japan (in English) – 1 credit. Offered

MLCH 250 Introduction to East Asian Film (in English) –  
\* O U S P E V I U S F O J T U P S B T U J E O M & Y B N J O I F T  
development of cinema in China, South Korea, Taiwan and Japan  
from early twentieth century to present. Acquisition of tools of  
visual literacy in conjunction with inquiry into the cinematic

egories of difference and otherness in African cinema. Conducted  
J & O H M offered January term. 4 credits (CS or GP)

MLFA 330 Topics in African Civilization (in English) – Survey  
of African history from prehistoric times to the present through  
literature and philosophy. Analysis of African civilizations with a  
focus on African social, cultural and political history. Study Africa  
J Q I B O D J F P S U M E E J F ' G S M D I E S B & V S P Q D F B M P-  
nialism, the rise of nationalism and independence movements,  
B O E P O U F N Q E S B S P E V D J U C F E H M offered (CS or GP)

MLFA 340 Topics in African Literature (in English) – & Y Q M P S F  
topics in the areas of nature, literature, performance texts, film  
and/or other media produced in Africa. Identify authors, major  
themes, and major periods and genres in African literature.  
In-depth analysis of a particular author or a particular theme in  
African literature through the examination of the basic literary  
conventions of plot, character, setting, point of view, and theme.  
\$ P O E V D J U C F E H M offered (CS or GP)

or placement test, or for advanced students returning from study abroad. Offered spring. 3 credits. (MWI)

MLGR 312 – Contemporary German Civilization – Introduction to German culture and civilization; study of cultural achievements  
B O E P O U S J C A P U I K P O S T M E

Program. For students who have taken 202 before going abroad.  
Offered fall. 3 credits.

MLJP 350 Topics in Japanese Literature (in English) – A  
T V S W S Z Q S F T F O P S B U B W C B M F T U F S B U O V S M J T I  
translation. Readings reflect a variety of genres including fiction,  
poetry, and drama. No background in Japanese language is required.  
Prerequisite: INQS 125. 3 credits. (CS or GP)

MLJP 360 Topics in Japanese Civilization (in English) –  
Selected aspects of culture and cultural change that have been  
especially important in determining the nature of contemporary  
society. Study and discussion of printed and broadcast sources  
from the various humanistic and social scientific fields. Conduct-  
F E J Q O H M J Credits. (GP)

MLJP 480 Independent Study – A flexible course suited to the  
needs of the individual. Reading and research on a specific topic.  
Prerequisites: 202 and consent of instructor. 1-5 credits.

MLJP 485 Japanese Senior Seminar – & Y B N J C B O U E O P E C M Z T J T  
of contempor



women authors and poetry. In Spanish. Repeatable for credit when the topic changes. Prerequisite: 302 or completion of semester abroad or consent of instructor. 3 credits. (CS or GP)

MLSP 360 Topics in Hispanic Civilization – Selected aspects of culture and cultural change that have been especially important in determining the nature of contemporary societies associated with this language. Study and discussion of printed and broadcast sources from the various humanistic and social scientific fields. Course topics in recent years have included Historical, Feminine, and Mythological Figures in Latin American Cultures and Latin American film. Repeatable for credit when the topic changes. In Spanish. Prerequisites: 302 and consent of instructor. 3 credits. (IS or GP)

MLSP 362 Latin American Cultures Through Film – Study of cultural identity in film through the lens of gender, class and race. Focus on marginal groups in different societies from Latin America, individual and collective history. Inquiry into relevant historical periods of countries studied. Screenings of films, student presentations, lectures and discussion. In Spanish. Prerequisites:

In successfully completing a music major, a student will:

t VOEFSTUBIOEBSNPQSDGSRUEPNNPO

practice period into the 21st Century;

t VOEFSTUBIOEBSNPQSDGSRUEPNNPO

t DPNQRTFJEJGGESRUEPNNPO





MUSC 250 Organ Building and Historical Compositional Practices. Prerequisite: Intermediate level piano with repertoire including Eight Little Preludes and Fugues (J.S. Bach), Microcosmos Book III (Bartok), and Kindersangen (Schumann) or by audition. 2 credits.

MUSC 251 American Sense in Sound – A study of the three main areas of American contribution to the world's music: classical music, musical theatre, and jazz. 3 credits. (CS or US)

MUSC 253 Music Cultures of the World – An introduction to the study and appreciation of music in selected non-western cultures of the world. 3 credits. (CS or GP)

MUSC 258/358 Music History: Baroque and Classic Era (also listed as MLGR 258-358) (offered in Austria) – Musical styles, genres, composers, performing forces, and performance practice. Prerequisites: 121, 123, MLGR 101, 102, or consent of instructor. Offered fall in Vienna. 3 credits. (CS or VP)

MUSC 312 Musicianship for Elementary Teachers – Background for planning enjoyable educational musical experiences in the classroom for preparation of classroom teachers for music teaching. Should be taken prior to student teaching. 3 credits. (CS)

MUSC 320 Musical Form and Analysis – Survey of all major musical forms with a comprehensive discussion of appropriate analytical techniques and practical application to analytical projects. Two hours each week. Prerequisites: 223, 224 and consent of instructor. 2 credits. (MWI)

MUSC 326 Orchestration – Beginning study of orchestration with a survey of instruments and their use in small and large ensemble writing. Application through orchestration and performance of assigned projects. Two hours each week. Prerequisites: 223, 224 and consent of instructor. 2 credits.

MUSC 328 Contrapuntal Techniques – Counterpoint and contrapuntal forms used to refine and develop techniques begun in lower level theory. Survey of major contrapuntal forms and techniques with application to counterpoint projects. Two hours each week. Prerequisites: 223, 224 and consent of instructor. 2 credits.

MUSC 339 Music Methods: Elementary – Methods and materials, including practical and artistic components, needed for observation and possible aiding or teaching in the public schools. 2 credits.

MUSC 340 String Methods – Basic playing technique for each of the four-stringed instruments; violin, viola, cello, and bass. Bowing, finger patterns, notations, and discussion of methods for teaching strings. Two hours each week. Offered in alternate years. 1 credit.

MUSC 341 Woodwind Methods – Basic playing techniques for flute, oboe, bassoon, clarinet, and saxophone. Basic embouchures, fingerings, reed problems, instrument care, and methods of teaching woodwinds. Two hours each week. Offered in alternate years. 1 credit.

MUSC 342 Brass Methods – Basic playing techniques for trumpet, trombone, horn, baritone, and tuba. Basic embouchures, fingerings, and slide techniques. Instrument care and discussion of methods for teaching brass. Two hours each week. Offered in alternate years. 1 credit.

MUSC 343 Percussion Methods – Basic playing techniques for snare drum, tympani, cymbals, and other percussion instruments. Writing and performing small scale pieces for class performance. Methods for teaching percussion. Two hours each week. Offered in alternate years. 1 credit.

MUSC 347 Choral Methods: Secondary – Methods and materials, including practical and artistic components, needed for teaching

## Music/Philosophy

MUSC 492 Senior Project – Final culminating project for Music Composition-Theory students. May focus on a significant composition for multiple instruments and/or voice with a supporting paper, a set of pieces composed for a specific purpose with presentation and supporting paper, or a theoretical issue in music theory with paper and presentation of findings. 1 credit. (MWI)

MUSC 198, 298, 398, 498 Special Topics in January term off-campus courses – Topics vary according to faculty availability and interest. January Term music classes have been offered in the past. . J E E M B T U J B G S J O N S P R O F I S B S J C O F C O F S F E  
only as student interest and college resources permit. May be

and sport, or the relation between sport, culture, and life. Readings from classical and contemporary sources. Offered fall of even-numbered years. 4 credits. (UQ)

PHIL 215 Bioethics – Case studies and primary source readings highlighting central theories, issues, and problems in bioethics, generally, and biomedical ethics, specifically. Bioethical concerns including the right to live and die, paternalism versus autonomy and the patient's bill of rights, biomedical experimentation and research, reproductive technologies, social and institutional justice, and healthcare duties, responsibilities, and relationships. Both normative ethics and metaethics considered. Offered spring of even-numbered years. 4 credits. (UQ)

PHIL 230 Ancient Philosophy – Historical survey of ancient Western philosophy from the Presocratics to the Neoplatonism. Selected primary source readings to examine foundational Western questions and conceptions about the nature of being, the nature and limits of knowledge, and the nature and origin of politics and morality. Offered fall of odd-numbered years. 4 credits. (UQ)

PHIL 245 Aesthetics – Survey of aesthetic theories that engages issues such as definition of art, relationship between art and truth, role of expression, nature of aesthetic experience, artistic creation, relevance of beauty, autonomy of art, women and art, and non-Western conceptions of art. Selections from classical and contemporary aestheticians may include figures such as Plato, Kant, Hume, Nietzsche, Danto, Dewey, Margolis, Weitz, besides others. Offered fall of even-numbered years. 4 credits. (UQ or CS)

PHIL 270 Philosophy of Education – Philosophies operative in and/or relevant to the U.S. educational tradition. Designed to bring into focus the often unexamined ways in which educational goals, policies, procedures, methods, etc. are founded upon particular conceptions of the nature, purpose, and interrelations of human beings. Primary source readings are utilized to critically interrogate selected educational theories, practices, and outcomes through an examination of the philosophical and cultural assumptions and practices of their respective theorists and practitioners. Offered spring semester of odd numbered years. 4 credits. (UQ or US)

PHIL 280 Philosophy and Literature – Philosophical problems as a vehicle for philosophy, examining those philosophical problems best suited to literary expression. Variable content where philosophical and critical pieces work in conjunction with works ranging from novels and short stories to plays or poems. Considers such issues as truth and literature, interpretation, authorship, ontology of fictional characters, and the definition of literature. Offered spring of even-numbered years. 4 credits. (UQ)

PHIL 285 Philosophy of Science – Introduction to philosophy of science, including such topics as verification and falsification of theories, laws in nature, objectivity, impartiality, theory versus description, and value commitments of scientists outside the framework of scientific explanation. Offered fall of odd-numbered years. 4 credits (UQ)

PHIL 306 Environmental Ethics – Moral and aesthetic readings applied to questions of value about land, air, water, and non-human species. Particular attention to issues surrounding human disruption of ecosystems. 4 credits. (UQ)

PHIL 320 Ethical Theory – Study of systematic approaches to moral philosophy from virtue ethics to deontology to utilitarianism to human rights theory. Considers both the normative conclusions of ethical theory and the metaphysical basis for those conclusions. Prerequisite: one previous philosophy course or consent of instructor. Offered fall of odd-numbered years. 4 credits. (UQ)

PHIL 350 Modern Philosophy – Historical survey of modern philosophy, emphasizing but not limited to rationalism and empiricism. Primary readings including key representatives such as Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant, and/or others.

## Philosophy

PHIL 490 Research/Thesis – Intensive research on a topic of special interest to the student, culminating in a senior thesis on an advanced topic in philosophy. Seminar includes course readings, discussions, and presentations, along with research guidance and collaborative writing support. Required of majors in their senior year. Minors may enroll with instructor consent. Offered every fall. 4 credits. (MWI)

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PHIL 198, 298, 398, 498 Special Topics in January term off-campus courses – Topics vary according to faculty availability  
B O J E O U F S F D B D R U V S J T C F D T M & C E W J S P O & N U F I Q D D B M F  
Galapagos and Comparative Philosophy: Asian Thought in China.  
Offered only as student interest and college resources permit.  
May be repeated for credit with different topics. 4 credits.



The Department of Physics aims for ongoing assessment of its programs by the faculty of the department. The department measures student achievement of desired learning objectives through performance in formal course exams, labs, projects,

## Physics

PHYS 100 How Things Work – Introduction to physical concepts behind modern technology. Studies of science of every day phenomena considered, including how electricity is generated, how refrigerators operate, and how CDs and DVDs contain information. Lecture, readings, writing, and discussion. Recommended: MATH 105 or equivalent. 3 credits. (NW)

PHYS 101 Descriptive Astronomy – The solar system, stars and evidence Lecture, discussion, and occasional evening observing sessions. 3 credits. (NW)

PHYS 102 The Physics of Art and Music – Ways that artistic expression are explained through physical mechanisms. Studies of light, color, and sound will be explored. Lecture, discussion, and occasional evening trips. \$50 lab fee. 3 credits. (NW)

PHYS 103 Physical Geology – The earth's crust and mantle with emphasis on physical and chemical processes. Concepts of volcanism, earthquakes, and mountain building. Lecture, discussion, 3 credits. (NW)

PHYS 107 Energy and the Environment (also listed as ENVS 107)– Introduction to the concept of energy (kinetic, potential,

PHYS 488 Research – Individual research projects for Physics and Applied Physics majors. Work done in collaboration with faculty. Departmental permission required. May be repeated for credit. 1-5 credits.

PHYS 489 Thesis Research – Required of all Physics and Applied Physics majors in the senior year. Prerequisite: 386. 1-5 credits.

PHYS 490 Senior Thesis – Comprehensive written report on advanced level individual investigative project. Also requires public oral presentation of project and participation in Physics Colloquium. Baccalaureate thesis required of all Physics and Applied Physics majors. Prerequisites: 489 and senior standing. Offered spring. 3 credits. (MWI)

## POLITICAL SCIENCE

### Faculty

Nicholas Buccola, Ph.D.

Patrick Cottrell, Ph.D.

Matthew Hindman, Ph.D. (Visiting)

Shaik Ismail, Ph.D.

Dawn Nowacki, Ph.D. (Chair)

At its root, the study of politics involves the exploration of



POLS 385 Topics in Comparative Politics – Comparison of the major political institutions and processes of nations in the same region, or of one nation with those of the United States and other nations with which a student is familiar. Possible foci: Britain, \$ B O B E F S N B O Z U J N F S J D C S J D O E F T U & S P Q F  
Prerequisite: 390 or consent of instructor. 4 credits. (IS GP)

POLS 390 Comparative Politics – Domestic political systems  
P O P V O U S J F T

## Pre-Professional Programs

Health and Human Performance)

Physician Assistant: Janet Peterson, Dr.P.H. (Academic Advising/  
Health and Human Performance)

Veterinary Medicine: Chris Gaiser, Ph.D. (Biology)

Students at the McMinnville Campus may choose courses to prepare for further study in health-related fields such as medicine, dentistry, optometry, veterinary medicine, pharmacy, occupational therapy, and physical therapy.

Linfield has a long tradition of preparing students for the health professions. A large number of practicing physicians, surgeons, and dentists serving in all parts of the world began their scientific and liberal arts work at Linfield, and continued through some of the finest health professions training programs.

Students interested in health professions may declare any major.

Students wd Hum( Ph18(aininTJ and corogr5vs5e.m8d becrog8d bec35b4TJ )TJ -0.01 ine:n9k entists servi Td [(Stwarts wolsoorogr50( tow-0.02r(,),ce

Complete the Psychology major will have:

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as development, personality, social, cognition, biopsychology,  
abnormal psychology;

5 I F B C J M B U Z B E P N N F R O S J N S S Z F B S D T I Z D I P M P H Z

5 I F B C J M B U Z B E P N N F R O S J N S S Z F B S D T I Z D I P M P H Z

, O P X M B Q H F S T P O B R M U Z E E M F D Q F B J B O U J F T  
psychology;

t

human communication disorders, and abnormal behavior. Prerequisite: 101. Typically offered fall and spring. 4 credits. (NW)

PSYC 183 Introduction to Cognition – & Y Q M P S B G J P R S Z  
and approaches to the study of thinking, memory, problem solving, concept formation, and related areas. Prerequisite: 101. Typically offered fall. 4 credits. (NW)

PSYC 186 Introduction to Developmental Psychology – Study of the cognitive, physical, emotional, and interpersonal development of an individual from birth through adolescence. Issues posed by life stages and transitions, including infancy, childhood, and adolescence. Students may not receive credit for both 155 and 186. Prerequisite: 101. Typically offered fall and spring. 4 credits. (IS)

PSYC 187 Introduction to Personality Psychology – Introduction to contemporary and historical perspectives in personality psychology. Topics include trait, social-cognitive, and motivational approaches to personality; personality consistency, stability, change, and development; origins and outcomes of personality. Prerequisite: 101. Typically offered fall and spring. 4 credits. (IS)

PSYC 188 Introduction to Social Psychology – The individual in social settings. Social cognition, attitudes, attributions, aggression, altruism, affiliation, conformity. Research, theory and application. Prerequisite: 101. Typically offered spring. 4 credits. (IS)

PSYC 203 Aggression and Children – Study of aggression and



and 250, or consent of instructor. Typically offered spring of even-numbered years. 4 credits. (WI)

PSYC 386 Seminar in Developmental Psychology –& Y B N J O B U J P D W F M J Q Q F E  
of biological processes, cognitive processes, psychosocial processes, and their functional vs. dysfunctional components across infancy, childhood, and adolescence. Prerequisites: 186 and 250 with a grade of C- or higher, or consent of instructor. Typically offered spring. 4 credits. (WI)

PSYC 387 Seminar in Personality Psychology – Advanced study of research and theory in personality psychology. Focus on topics in current personality research from trait, social cognitive, and motivational perspectives. Prerequisites: 187 and 250 with a grade of C- or higher, or consent of instructor. Typically offered fall. 4 credits. (WI)

PSYC 388 Seminar in Social Psychology – Advanced study of topics in social psychology. Social cognition and attribution theory, attitudes and cognitive consistency theories, impact of the group on the individual, self-awareness. Prerequisite: 188 or consent of instructor. Typically offered fall. 4 credits. (WI)

PSYC 480 Independent Study/Research – Student investigation of special interests or research based on a detailed statement of intent and a letter of support from the sponsoring faculty member. Prerequisites: three psychology courses and departmental permission. No more than 10 credits to be taken as 480. 1-5 credits.

PSYC 485 Senior Seminar: Issues in Psychology – Topics vary with instructors. Psychology staff and other faculty as resource people. Prerequisite: senior standing or consent of instructor. 4 credits. (MWI)

PSYC 487 Internship – Individualized learning in applied psychology through work in a community service agency. Prerequisite: consent of internship supervisor. 3-5 credits. (EL)

PSYC 490 Research and Thesis – 3-5 credits.

PSYC 492 Research Experience in Personality/Social Psychology – Collaborative research experience in personality and/or social

psychology. Discussion of research literature, refinement and implementation of a specific research idea or proposal previously

Other courses should be selected in consultation with a member of the Religious Studies faculty in order to fulfill all the goals of the major.)

For a minor: 20 credits, including 110. (Other courses should be chosen in consultation with a member of the Religious Studies faculty in order to fulfill the goals of the minor.)

RELS 110 Approaches to Religion – Introductory course in the academic study of religion. Required for majors and minors. 4 credits. (UQ or GP)

RELS 115 Religious Ethics – Formation and meaning of religious ethics in contemporary life. Human responsibility, community, racism, sexism, violence, war. 4 credits. (UQ or GR or US)

RELS 120 Old Testament – Literature of the Old Testament: its form, content, historical development, and interpretation. 4 credits. (UQ or VP)

RELS 130 New Testament – Literature of the New Testament: its form, content, historical development, and interpretation. 4 credits. (UQ or VP)

In successfully completing a major in Religious Studies, apart from the general objectives of a liberal arts education (including strong oral and written communication skills, problem-solving ability, and familiarity with various methods for conducting academic research), a student will:

- t 1. Various scholarly understandings of religion and its place in human life;
- t 2. Cultural diversity of global religious traditions;
- t 3. The religions of one geographically, culturally or historically circumscribed area (for instance Biblical studies, Buddhist studies, American religions, Asian religions, etc.);
- t 4. A specific aspect of a religion, such as religious ethics, practical theology or comparative philosophy of religions;
- t 5. A specific aspect of a religion, such as religious ethics, practical theology or comparative philosophy of religions.

In successfully completing a minor in Religious Studies, a student will demonstrate some familiarity with academic approaches to the study of religion, provide evidence of exposure to some of the historical and cultural diversity of religion and satisfy in a partial way some combination of the remaining objectives listed above.

The religious studies major is available as a bachelor of arts degree only. See page 5 for degree requirements.

For a major: 40 credits, including 110, 485 and 490. (Ideally students should take 110 sometime during their first two years. The courses 485 and 490 together constitute the Departmental capstone experience taken in Fall and Spring of the senior year.)

Gnostic Christians. Not open to those who have taken INQS 125:

John and the Gnostic Gospels. 4 credits. (UQ or VP)

RELS 310 History of Religion of the Middle East (also listed as HIST 310) – Prominent periods and events in the formation and development of the three major religious traditions of the

. J E E N B T U E B S T I N J T U J B O F U M Z B J N T U P S J F D O B U F Y U

the prophet, conquest and empire, crisis and disaster, Holy Text. Prerequisite: sophomore standing or higher. 4 credits. (UQ or VP)

RELS 315 Politics and Religion – 4 F # 0 - 4 4 credits.

RELS 320 Pilgrimages: Sacred Journeys – A study of the role B O G S B D P G D W H S J N O B B K F S M J H S P V E T & Y R O P S B U J P O of symbolic pilgrimages including the use of labyrinths Relevance for personal practice and sacred journeys. 4 credits. (UQ or GP)

RELS 325 Forgiveness and Reconciliation – A study of the theology, role and practices of forgiveness in four major religious traditions: Buddhism, Judaism, Islam, and Christianity. Includes examination of forgiveness, revenge, reconciliation and restorative justice. Case studies will focus on individuals, group/cultures, and national contexts. Relevance for personal practice will be explored. 4 credits. (UQ)

RELS 330 History of Religion in America (also listed as HIST 330) – History of prominent religious experiences in America. Protestant empire, Native American presence, minority appropriation, post-Christian responses. Prerequisite: sophomore standing or higher. 4 credits. (UQ or VP or US)

RELS 340 Monks and Mystics – Study of western monasticism and the way of the mystic. Focus on Trappists, their community and spiritual disciplines. Visits to Trappist Abbey, dialogue with monks. Additional trip to Brigittine monastery and Benedictine convent. Academic reflection and personal exploration. 4 credits. (UQ)

RELS 380 Buddhism – & Y B N J O B G V E G I U F B D I P O H T the cause of suffering and its mitigation. Four Noble Truths, Dependent Causation, meditation, scriptures, the Sangha, Mahayana and Theravada Buddhism, Pure Land, Tibetan, and Zen groups. Buddhism in America. 4 credits. (UQ or GP)

RELS 383 Tibetan Buddhism – Introduction to Buddhism of Tibet and the Tibetan diaspora communities, particularly in India and the Himalayan region (Nepal, Bhutan, etc.), as well as that of X F T U F S O R Y S T

## SOCIOLOGY AND ANTHROPOLOGY

### Faculty

Hillary Crane, Ph.D.

Robert Gardner, Ph.D.

Thomas Love, Ph.D.

Amy Miller, Ph.D. (Visiting)

Amy Orr, Ph.D. (Chair)

Jeff Peterson, Ph.D.

Sociology is the historical, comparative study of society, including social relations, institutions, and practices. To possess a sociological imagination is to see the strange in the familiar – to analyze the taken-for-granted, common sense understanding of our social worlds. The department emphasizes social research methods and social theory as core building blocks of the sociological enterprise. The department has several areas of expertise, such as: race and ethnicity; political sociology (social movements, rural and urban society); environmental sociology; community; and sociology of education. The core concepts of inequality and stratification (in the United States and from a global perspective) are emphasized across the curriculum.

Applied Sociology/Social Policy Track. While the Lincoln College Department of Sociology and Anthropology does not offer a major in social work, the applied sociology/social policy track can help to prepare students for careers or graduate education in this field. Students interested in pursuing this track are encouraged to choose among the following when selecting elective courses: SOCL 201, SOAN 205, SOAN 265, SOAN 270, SOAN 232, SOAN 330, SOAN 365, SOCL 370. Completion of an internship is strongly encouraged.

The study of humanity, anthropology is both broad in its approach and global in its scope. Drawing on a wide variety

404, 456, 454, 460, or 465) in addition to the SOAN 485/486 sequence. These seminars serve as a capstone experience in which majors build on their four-year course sequence and draw on both theory and methods training to produce original research on a topic of sociological and/or anthropological significance. These research papers become eligible for the Howd and Gebauer Prizes. Additionally, Sociology and Anthropology majors are encouraged to write senior theses (based on original research or scholarship) or to curate a museum exhibit. Theses and museum exhibits also become eligible for the Howd and Gebauer Prizes. Students completing senior theses or museum exhibits are eligible to receive departmental honors.

For Oregon Initial Teaching Licensure in Social Studies: a T U V EN F O T U P N Q W I F U F O G J F M E I F S V D B U S P O S B N requirements (see page 56). In order to complete these requirements, a student must begin taking education courses no later than his/her sophomore year. The student must be advised by an & E V D B U F R O S U G N E F O W N N Z F B D T I F N F T Q S F J P S registration.

### Sociology Prize

The Howd Sociology Prize was made possible through a gift of Dr. Cloice Howd, Class of 1912, in honor of his wife, Martha

## Sociology and Anthropology

SOAN 222 Mexico, Central America, and the Caribbean:  
Societies and Cultures – Social organizations and cultures of Mexico, Central America, and the Caribbean. Patterns of economic, political, and social organization, including ethnicity, gender, race, class, and other social cleavages. Migration to the United States and effects on U.S. society, including Latinas and Latinos, Rastafarian influences, and U.S. migration policy. 4 credits. (IS or GP)

SOAN 225 Peoples and Cultures of North America: The Native Americans – Indigenous people of North America: prehistory and patterns of adaptation, culture areas and the diversity of cultural

D P O G J H V S S U R S V C S T P Q D F B M P O J I B T U P S Z

340) – 4 F F% - " 3 credits.

ANTH 341 Language and Culture – Anthropological study of the relationship between language and culture, sociolinguistics (situating language in cultural context), and language patterns that shape culture.





# THEATRE AND COMMUNICATION ARTS

Faculty

Janet Gupton, Ph.D.

- F B S O J V O H D P N F & T Y Q M B I J E C P O U J O B B O P S F  
cultural patterns and value orientations; 2) Analyze cultural  
differences as they affect and are affected by the process of  
communication

t " D R V U S F L J O M D T F T U T S S O D B U B O E O S M B U J W F  
and responsible citizens who grasp the ambiguity of diverse  
communication situations

Learning Outcomes: 1) Articulate an understanding of one's  
Q P T J X J B O D P N Q M P Y J F & X Q M P Z H B M F T E U F O J O H  
T L J M B W T B S J P G L P Z D D B M U F Y & U T Q M F N J O B B I Z E  
apply this concept in social interactions

The goals are the same for students pursuing majors and  
minors with the recognition that minors will not attain the depth  
of study in the discipline afforded majors.

In successfully completing a major in Intercultural Communica-  
tion a student will have opportunities to:

t " E P O U M U X E S I M E W O F A D T S F B B O E O M J W G S Z  
articulate, reasoned, and ethical messages  
- F B S O J V O H D P N F & T N Q M P S Z J W I D B I M T I O H M I T F  
formation of arguments; 2) Use culturally competent verbal  
B O C E P O W F D S P O N W O J D T B U M R M Q N Z M U V S B M M Z  
appropriate ethical standards in their conduct as senders and  
receivers of messages

t ( B J O V O E F S T U B O E H J O H F U S I F M S C Q S B D R G D F  
communication across public, relational, intercultural, political,  
and mediated contexts

- F B S O J V O H D P N F & T Y Q M B I J E C U B S I E S P D F T T  
of theoretical inquiry; 2) Critically analyze messages using  
B U I F P S F G S B B M X P S E T D S O C E F O S J O D B I O M F T  
techniques that may be employed to improve communication  
effectiveness

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\*None of these courses may fulfill more than one requirement within the minor.

For an Intercultural Communication major: 49-54 credits

J O D M V E J O H S F E J S U P I N N V O J D E S U D I P O S T F T  
B O E



THTR 380 Scene Design – Visual interpretation of play scripts and thematic ideas, including concept development, advanced drafting and rendering techniques, and model building. Designs for proscenium, thrust, and arena stage. Lecture, discussion, lab. \$180 fee. Prerequisites: 162 and 185, or consent of instructor. Offered spring of odd-numbered years. 3 credits. (CS)

THTR 385 Lighting Design – Principles of design, electricity, lighting instrument function and maintenance, script analysis and concept development, control systems, drafting and lighting theory for stage performances. Lecture, discussion and laboratory work. \$25 fee. Prerequisites: 162 and 380, or consent of instructor. Offered spring of even-numbered years. 3 credits. (CS)

THTR 390 Costume Design – Theories and techniques of design for visual interpretation of the playscript, including study of principles of line, silhouette, texture. Study of relationships among historical context, characterization and costume. Lecture, discussion and laboratory work. \$125 fee. Prerequisite: 162 or consent of instructor. Offered fall of even-numbered years. 3 credits. (CS)

THTR 466 Topics in Theatre Design and Technology – Advanced design and technology studio course for majors and minors. Developing specialized scenographic talents and techniques through topics such as scene painting, model-making in theatrical design, T P V ~~8 F T U B S O B K O B O~~ ~~8 F T W I F S O S B E J W R P O J O D M V E~~ years as resources permit. May be repeated once for credit with E J G G ~~8 F T U B S O B K O B O~~ ~~8 F T W I F S O S B E J W R P O J O D M V E~~ Prerequisites: 162 and consent of instructor. 3 credits.

THTR 470 Theatre History and Literature I – Development of 8 F T U ~~8 F T U B S O B K O B O~~ ~~8 F T W I F S O S B E J W R P O J O D M V E~~ ing sociological, philosophical, and cultural foundations of each major period; dramatic literature; physical stage and production techniques; major critical theories. \$45 fee. Prerequisite: junior standing or higher. Offered fall of even-numbered years. 4 credits. (CS or VP, MWI)

THTR 473 Theatre History and Literature II – Development P ~~8 F T U B S O B K O B O~~ ~~8 F T W I F S O S B E J W R P O J O D M V E~~ to the present, including sociological, philosophical, and cultural foundations of each major period and aesthetic movement; dramatic literature; physical stage and production techniques. \$45 fee. Prerequisite: junior standing or higher. Offered spring of odd-numbered years. 4 credits. (CS or VP, MWI)

THTR 475 American Musical Theatre – History and analysis of American musical theatre as exemplified primarily by the Broadway stage. Major forms that contributed to the contemporary musical theatre, including opera, operetta, minstrels, vaudeville, and revue.

## Theatre and Communication Arts

strategies for effective intercultural interaction. Strongly recommended for students planning to participate in Linfield's Study Abroad programs. 3 credits. (IS or GP)

TCCA 233 Multicultural Communication in the United States – Theory and practice of human communication in a multicultural  
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Linfield's Portland Campus is the site of Linfield's Nursing and Health Sciences majors. It is located in the historic Northwest district of Portland, next to Legacy Good Samaritan Hospital and

Students are no longer being admitted to the Health Sciences program on the Portland Campus. The Environmental and Public Health and the Health Administration majors will be discontinued after students currently enrolled in these majors have completed their coursework.

HSCI 025 Skills for Post-Graduate Examination – Course designed to help students excel on post-graduate examinations. Improve study skills and strategies, time management, and exposure to different examination styles. Offered fall. 1 credit.

HSCI 040 Community Service Activities – Community service activity focused on assisting agencies that provide health services necessary for the well-being of the community. 1 credit. (EL)

HSCI 096 Computer Based Presentations – Techniques for developing slides for computer presentations using Keynote or PowerPoint. Techniques for making master slides and themes, building graphics and transitions, font and color selection for a W B S P R U Z U & W B T M V B C S F O F O H S B Q B D S M B S J U Z, and precision in presenting concepts to groups. Offered spring semester. 1 credit.

HSCI 098 Medical and Health Terminology – Instructor mentored, hybrid in-class/on-line course in medical and health care terminology. Workbook assignments, CD-ROM and Blackboard. & N Q I B F O P T S J H J T Q S P O V O D B I E Q P I O S P R O F S T structures and human body systems. Offered fall. 2 credits.

HSCI 240 Clinical Skills – Provide students with didactic knowledge and basic skills needed to function in clinical settings. Includes lecture, discussion and laboratory. Offered every other Spring. Prerequisites: 098 and SOAN 223. 3 credits.

HSCI 250 Introduction to Public and Community Health – Introduction to the field of public health. Focus on human biology, environmental health, lifestyle factors, and health care organizations as these four factors relate to one another and to the overall concept of health, health care, and health care delivery in the U.S. 3 credits. (IS or US)

HSCI 261 Herstory: The History of Women in Science – Seminar dealing with the changing roles of women in science and history. The role of women in world history. The history of science from Galileo's time through the present and how women in science have moved from interested bystanders to active researchers. Problems modern women scientists face today. 4 credits. (WI)

HSCI 270 Introduction to Forensic Sciences – Study of the scientific concepts and principles underlying modern criminal investigations. Introduction to the various disciplines within forensic sciences. Prerequisites: CHEM 224, 225 or CHEM 210, 211. 3 credits.

HSCI 271 Introduction to Forensic Sciences Laboratory – 8 F F L M B J C T V Q Q P P S U 1 credit.

HSCI 300 Selected Topics in Health Sciences – Focus on new developments, advanced topics, or subjects of current interest in

health sciences. May be repeated once for credit with different content. Prerequisite: Determined by instructor for each specific course. 3 credits.

HSCI 301 Human Biology I – Lecture and laboratory for students in the Health Sciences Administration major focusing on basic principles of the science of the human body in health. Topics include: Fundamentals of Chemistry, Biology of the Cell and Human Anatomy and Physiology. \$10 lab fee. Offered fall, 4 credits. (NW)

HSCI 302 Human Biology II – Lecture and laboratory course for students in the Health Sciences Administration major focusing on biology of human disease processes, their treatment and their relationship to the environment. Topics include: Microbiology, ( F O F U B J O E W P M V I U B J I Q I Z T J F B S N H B Z B M D E H Z & O W J S P O N F B O U B M B C O F F e prerequisite: 301, Offered spring: 4 credits. (NW)

HSCI 310 Research Methods – Methods used in conducting research. T F B S P O D S P C B I S N T J O F B M D B S F Y Q M P S P B S J P T O F B S D I topic that includes collecting and analyzing data, writing a research report, and presenting results of research. Prerequisite: MATH 140. 4 credits. (MWI)

HSCI 315 Health Care Team Dynamics – Introduction to team dynamics in health care. Students will learn theories and principles of leading and working in effective teams with a health care environment. Tools, principles and planning processes are covered. Conflict resolution tools. Prerequisite: PSYC 101 highly recommended. 3 credits.

HSCI 320 Health and Social Policy – & Y B N J O B C J P O health and social policy Analysis of the public policy process, major public social and health programs, special interests, and political differences. The role of federal, state, as well as local governments and the legal system in policy implementation. Understanding complex health and social problems as they are translated into standards of conduct. 3 credits. (MWI)

HSCI 325 Scientific Illustration (Also listed as AAVC 325) – Application of the scientific method of the artistic process to J O D S W B T B B M S F P C D T J F O T U J C K N B D U U F S M B C F F Prerequisites: AAVC 120 and BIOL 210, or consent of instructor. Offered spring of even-numbered years. 3 credits. (CS)

HSCI 330 Global Health – A multi-disciplinary introduction to key public health issues in the developed world, the emerging world, and developing world. Intended for students from any major who want a foundation in global health issues from a science, social, political, economic and business perspective. 3 credits. (IS or GP)

HSCI 340 Health Care in America – & Y Q M P S P B U I F P O U P S Z structure, economics, politics, and technology of health, health D B S R O I E F B M D B I S F M J W O B S E Z 4 G S P N



HSCI 395 Great Science Books of the 21st Century – Readings from recent books explaining new scientific discoveries in biology, information science, physics, chemistry, and cosmology. Discussion focuses on the impact of these discoveries on society, our unexamined assumptions about our beliefs, cultural practices, and our social responsibilities. 3 credits. (UQ)

HSCI 410 Health Systems Science: Quality Improvement Theory – Theory course focusing on process management, systems improvement concepts, organizational research, objective decision making, problem solving, leadership for quality, program implementation and evaluation in health care organizations, and statistical process control (SPC) as an analysis tool. Prerequisite: 310. 3 credits.

HSCI 420 Health Administration – Introduction to concepts of health care administration. Focus on U.S. health care system, general concepts of health care management, and aspects of leadership as they apply to the health care system. Theories of motivation, budgeting concepts, strategic planning, quality improvement principles, control in health care service organization, health care reform, government regulations, and private, state, and local health care insurance structures. Offered fall. 3 credits.

HSCI 431 International Health – & Y B N J I Q F B T M I U F I B M D L B I S F and health care delivery in developed, developing, and newly developed countries and regions of the world. Diseases (old and emerging), disease processes, health care practices and beliefs, and international world health organizations. Prerequisite: 340. 3 credits. (IS, GP, MWI)

HSCI 440 Epidemiology (also listed as ENVS 440) – Introduction to epidemiology of disease. Acute and chronic diseases are discussed from population point of view. Topics include modes of transmission, outbreak of investigation, surveillance of acute infections and chronic diseases, and microbial and environmental causes. Prerequisites: BIOL 210, 211, and 255 or 361. Offered spring. 3 credits.

HSCI 450 Environmental Health (also listed as ENVS 450) – Study of the effects of water and air pollution, food additives, pesticides, heavy metals, organic solvents, mycotoxins, and radiation. & Y B N J D F O D P O U T Y J D F I Q B E Z N J S M P H I Z F T T N F O U safety control, and environmental law. Prerequisites: BIOL 210 and 211 or consent of instructor; junior or senior standing. Offered fall. 3 credits. (IS or GP)

HSCI 480 Independent Study – Program of directed tutorial reading on some topic or problem within the discipline relating to the special interests of the student and supervised by a departmental faculty member. 1-5 credits.

HSCI 485 Senior Seminar in Health Sciences – Capstone course exploring issues related to health care in the United States and throughout the world. Topics include health care delivery, health care reform, and interdisciplinary exploration of global public health issues. Prerequisite: senior standing. 3 credits.

HSCI 487 Internship – Intensive learning experience on-site in health-related organization. Prerequisites: senior standing. 2-5 credits. May be repeated once. A total of 3 credits required for a major. (EL)

HSCI 490 Research/Thesis – Intensive research and writing on a topic of special interest to the student under the direction of a member of the faculty. Thesis and public oral presentation required. Required for honors thesis students. May be repeated, up to a maximum of 5 total credits. Prerequisites: approval of supervising faculty member and department chair. 1-5 credits.

HSCI 198, 298, 398, 498 Special Topics in January term off-campus courses – Topics vary according to faculty availability and interest. The major topic offered in the past has been Traditional and Modern Health Care in Southeast Asia. Offered only as student interest and college resources permit. May be repeated for credit with different topics. Prerequisite: Consent of instructor. 4 credits.

BIOL 210, 211 Principles of Biology – 4 credits each (NW)

BIOL 245 Plant Systematics – D S F E J U T

BIOL 255 Principles of Microbiology – 4 credits.

BIOL 265 Principles of Genetics – 4 credits.

BIOL 266 Principles of Genetics Laboratory – 1 credit.

BIOL 306 Anatomy – 5 credits.

BIOL 307 Physiology – 5 credits.

BIOL 313 Classification of Plants and Plant Communities –

3 credits.

BIOL 315 Pharmacology – 3 credits. (NW)

BIOL 324, 326 Pathophysiology – 3 credits each. (NW)

BIOL 335 Embryology –

HIST 271 Race in America: Historical and Comparative Perspectives – 3 credits.  
 HIST 302 Topics in European History: The Holocaust – 3 credit version of 301. (VP or GP)  
 HIST 316 History of Mexico – 3 credit version of 315. (VP or GP)  
 MSCM 350 History of Film – 4 credits.  
 MUSC 253 Music Cultures of the World – 3 credits. (CS or GP)  
 PHIL 245 Aesthetics – 4 credits. (CS or UQ)  
 PHIL 430 Topics in Contemporary Philosophy – 3 credits. (UQ)  
 PSYC 040 Community Service Activities – 1 credit.  
 PSYC 155 Lifespan Development Psychology – 4 credits.  
 PSYC 186 Introduction to Developmental Psychology – 4 credits. (IS)  
 PSYC 262 Perspectives on Gender – 4 credits. (UQ or US)  
 PSYC 312 Health Psychology – 4 credits.  
 PSYC 360 Sexuality: A Developmental View – 3 credits.  
 PSYC 385 Psychology of Animal Assisted Therapy – Prerequisite: Consent of instructor. Concurrent enrollment in PSYC 040 recommended. Offered January term or spring. 3 credits.  
 PSYC 480 Independent Study and Research – Prerequisites: three psychology courses and departmental permission. No more than 10 credits to be taken as 480. 1-5 credits.  
 RELS 110 Approaches to Religion – 4 credits. (UQ or GP)  
 ANTH 332 Medical Anthropology – 3 credits. (GP or IS)  
 ANTH 410 Topics in Physical Anthropology and Archaeology – 4 credits.

Courses offered by this department, some on a rotating basis, include the following:

AAVC 160 Drawing – 3 credits. (CS)  
 ENGL 303 Children's Literature – 3 credits.  
 ENGL 308 Topics in Literature – 4 credits.  
 ENGL 316 Creative Writing: Poetry – 4 credits.  
 ENGL 343 English Literature Survey: Romantic Period – 4 credits. (CS or VP)  
 ENGL 345 English Literature Survey: 20th Century – 4 credits. (CS)  
 HIST 120, 121 History of Western Culture I, II – 3 credits each. (VP or GP)

## Faculty

Kathleen Bell, M.S.  
 Henny Breen, M.S.N. (Visiting)  
 Sue Butell, M.S.  
 Federico Calixtro, M.S.N.  
 Beverly Epeneter, Ed.D.  
 Kari Firestone, M.S. (Visiting)  
 Robert Fox, M.S.N. (Visiting)  
 Kandys Greenlund, M.S.N. (Visiting)  
 Carmen Ingulli, M.N.  
 Noreen Johansson, Ed.D.  
 Melissa Jones, M.S.N.  
 Susan Juedes, M.S.N. (Visiting)  
 Kathy Kinderman, M.N. (on sabbatical 2012-13)  
 Kimberly Kintz, M.S.N.  
 Cheryl Langford, M.S.N.  
 Barbara Limandri, D.N.Sc.  
 Sarah Llanque, Ph.D.  
 Linda Luce, M.S. (Visiting)  
 Karen Maxwell, M.S.N.  
 Jeanette O'Brien, Ph.D.  
 Laura Rodgers, Ph.D.  
 Joanna Rowe, Ph.D.  
 Jan Selliken, N.D.  
 Jana Taylor, M.S. (on sabbatical fall 2012)  
 Vivian Tong, Ph.D.  
 Miriam Volpin, Ph.D. (Visiting)  
 Jacqueline Webb, M.S.N.  
 Diane Welch, M.S.N.  
 Pam Wheeler, Ph.D.  
 Suchawadee Yimmee, Ph.D.

Interim Dean of Nursing  
 Pam Wheeler, Ph.D.

## Interim Associate Dean of Nursing

Beverly Epeneter, Ed.D.

Associate Dean of Nursing for Distance Education  
 Neal Rosenberg, Ph.D.

Clinical Facilities Administrator  
 Debra Henry, M.S.N.

Clinical Associates  
 Carol Roberts, M.S.N.  
 Winetta Soderlind, M.S.

Experiential Learning Center  
 Joyce Betita, M.S.N.  
 Celia Grachico, B.S.N.  
 Chris Kahle, M.A.  
 Tamyca Lucas, C.N.A.-2  
 Kristine Rethlake, B.S.N.  
 Barbara Van Ness, M.S.

To meet the needs of diverse populations seeking the B.S.N. degree, Linfield College and the School of Nursing offer three programs which are based on the same foundational principles and have the same student outcomes. The Generic Program of Study comprises a 4-semester curriculum intended for students who have not completed a bachelor's degree and come to the School of Nursing as undergraduate transfer students. The Accelerated Program of Study is designed for students who have completed a baccalaureate degree and is offered over the span of 15 calendar months – summer term, fall semester, spring semester and summer term. The R.N. to B.S.N. program admits nurses who have completed an accredited nursing program and R.N. licensure, but who have not completed a B.S.N. degree. It can be completed in 3 semesters and is offered online in cooperation with Linfield's Division of Continuing Education.

To meet the needs of diverse populations seeking the B.S.N. degree, Linfield College and the School of Nursing offer three programs which are based on the same foundational principles and have the same student outcomes. The Generic Program of Study comprises a 4-semester curriculum intended for students who have not completed a baccalaureate degree and come to the School of Nursing as undergraduate transfer students. The Accelerated Program of Study is designed for students who have completed a baccalaureate degree and is offered over the span of 15 calendar months – summer term, fall semester, spring semester and summer term. The R.N. to B.S.N. program admits nurses who have completed an accredited nursing program and R.N. licensure, but who have not completed a B.S.N. degree. It can be completed in 3 semesters and is offered online in cooperation with Linfield's Division of Continuing Education.

## Nursing

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coursework will be awarded. Credit for Prior Learning fees apply.

4. Complete required courses for RN-BSN: Total of 56 credits

## Nursing

NURS 309 Transition to Professional Nursing Practice – A transition to baccalaureate nursing practice for the Registered Nurse student. Builds on previous knowledge and skills applicable to the practice of professional nursing. Fees may apply. R.N. to B.S.N. Program: Semester 1. Prerequisite: Admission to the School of Nursing. 6 credits.

NURS 313 Illness Experiences: Adapting to Health Challenges – Discussion of nursing concepts related to chronic health challenges across the life span and in a variety of clinical settings. Includes nursing care, nutrition, pathophysiology, pharmacology, the meaning of illness and healing related to such concepts as chronicity, rehabilitation, comfort, wound healing, mobility, and elimination. Prerequisites: Cumulative B.S.N. GPA of at least 2.50 and completion of 311. 6 credits (3 theory; 3 lab). (WI)

NURS 315 Professional Communication in Diverse Communities – Preparation for professional practice including communicating with clients and collaborating with other professionals in interdisciplinary settings. Lecture/Discussion. Fees may apply. Generic Program: Semester 1. Prerequisite: Admission to the School of Nursing. Corequisites: 305, 320, 335. R.N. to B.S.N. Program: Semester 1. Prerequisite or corequisite: 309. 2 credits.

NURS 318 Maternal-Child Health Challenges – Theory and practice of maternal-child nursing in a hospital setting. Includes the study of concepts of development, safety, communication, pain, fever, oxygenation, homeostasis, loss, and ethics as they relate to maternal-child health. Prerequisites: Cumulative B.S.N. GPA of at least 2.50 and completion of 311. 4 credits. (2 theory; 2 lab).

NURS 320 Scholarship of Nursing – Concepts necessary to engage in evidence-based nursing practice including the research process and scholarly communication. Lecture/Discussion. Fees may apply. Generic Program: Semester 1. Prerequisite: Admission to the School of Nursing. Corequisites: 305, 315, 335. R.N. to B.S.N. Program: Semester 2. Prerequisites: 309, 315. 3 credits. (QR)

NURS 335 Integrated Experiential Learning I – Skills for safe clinical nursing practice by using experiential learning in clinical and simulated laboratory settings that promotes integration of concepts, theories, and clinical practice necessary to make sound clinical judgments when providing nursing care to persons with chronic conditions, their families, and caregivers. Lecture/Discussion. Fees may apply. Generic Program: Semester 2. Prerequisites: 305, 315, 320, 335. Corequisites: 365, 375, 395. 3 credits.

NURS 355 Nursing Care of Children, Adults and Older Adults with Chronic Conditions – Concepts, theories, and clinical practice necessary to make sound clinical judgments when providing nursing care to persons with chronic conditions, their families, and caregivers. Lecture/Discussion. Fees may apply. Generic Program: Semester 2. Prerequisites: 305, 315, 320, 335. Corequisites: 365, 375, 395. 3 credits.

NURS 365 Clinical Pathophysiology and Pharmacology for Nursing Practice I – Application of concepts of pathophysiology and pharmacology within the context of nursing care of clients with prevalent chronic and mental health conditions. Lecture/Discussion. Fees may apply. Generic Program: Semester 2. Prerequisites: 305, 315, 320, 335. Corequisites: 355, 375, 395. 2 credits.

NURS 375 Integrated Experiential Learning II – Preparation to use sound clinical judgment in providing nursing care with clients experiencing chronic health conditions and mental health conditions in a variety of settings. Promotes integration of semester two concepts. \$50 fee. Generic Program: Semester 2. Prerequisites: 305, 315, 320, 335. Corequisites: 355, 365, 395. 6 credits (lab).

NURS 395 Mental Health and Illness Across the Lifespan – Assessment and nursing care management of mental illness in diverse populations across the lifespan. Lecture/Discussion. Fees may apply. Generic Program: Semester 2. Prerequisites: 305, 315, 320, 335. Corequisites: 355, 365, 375. 2 credits.

NURS 416 Nursing in a Global Society: Stewardship of the Community – Theory and application of principles of professionalism, ethics, leadership and management, health care policy, and health care finance in the care and service aggregate population(s). Includes the study and practice of activism within the profession. Prerequisites: cumulative B.S.N. GPA of at least 2.5 and completion of 311, 313, 314, 316 and 318. 5 credits (3 theory; 2 lab). (WI)

NURS 419 Reflective Practice in a Global Society: Senior Practicum – Reflective practice in an area of nursing selected by the student with an emphasis on synthesis of concepts integrated throughout the nursing curriculum. Focus on clinical decision making with a global perspective. Includes weekly praxis seminars.

Prerequisites: cumulative B.S.N. GPA of at least 2.50 and completion of 311, 313, 314, 316 and 318. 5 credits. (1 theory/ PRAXIS; 4 lab.)

Note: Not all courses offered every semester.

NURS 130 Substance Abuse Issues for Health Professionals –

## Nursing

NURS 371 Cardiopulmonary Rehabilitation Nursing  
Laboratory – Clinical experiences within the context of a hospital  
or community-based cardiopulmonary rehabilitation program.  
& O S P M ~~M I N I C O U R S E~~ E



Those who earn a score of 4-5.5 are admitted and are required to complete INQS 126 Inquiry Seminar within their first year in the program. Students who score higher than 5.5 are admitted with no restrictions.

### Advising

An advisor is available at the following locations: Albany,  
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4 B M F N V E F N C B U T B W I N % J W J P \$ P O U J O & V O D H B U P O  
U B E F O B C E Z V J T P S

### R.N. to B.S.N. Deposit

A non-refundable deposit of \$200 is required to secure regis-  
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& Y D F Q E O I D P O U S B S Q M J D E U N D B M S P W J T J P O T  
of the Academic Policies and Procedures section of this catalog  
are applicable to the degrees offered through the Division of  
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are repeated below. Additional information is outlined in the  
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### Admission

Those interested in pursuing a degree through the Division of  
\$ P O U J O & V O D H U J P O B H F 4 P N P G I F F F D F Q U J P O T  
U I F % J W J P \$ P O U J O & V O D H G B S O O G P S N O B B D P I O U  
Complete program information and application forms are also on  
the website ([www.linfield.edu/dce](http://www.linfield.edu/dce)). Application may be made  
by (a) completing and returning an application form and (b) ar-  
ranging to have official transcripts of work at other colleges sent  
E J S F D U M P Z \$ & O G G C S F R N I S F H J T R U G S E P S D I P M M F H F T  
Admission may be sought at any time of year and before or after  
beginning classes. An application fee of \$100 is assessed. Under  
most circumstances, a student who has earned a GPA of 2.00  
or higher in previous college work will be granted admission to  
Linfield's ADP. A student who has earned a GPA lower than 2.00  
will need to petition the college's Student Policies Committee  
for consideration. The petition should include (a) two letters of  
recommendation, (b) an essay addressing the student's motivation  
to succeed academically, and (c) a recommendation from the  
student's academic advisor.

Upon occasion, even though a student has earned a GPA of  
2.00 or higher, his or her transcripts may indicate reasons to be  
concerned about his or her ability to succeed in Linfield's ADP.  
In those cases, the student will be asked to petition the college's  
Student Policies Committee for consideration. The petition will  
require the same items enumerated in the previous paragraph.

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T J P ' Q Q M J D X B C S O X ' - T D P S B S T Q B Q F S J # 5 B O E  
50 & ' - X S J U T V O C H T P R S P S & - 5 4 B O E & - 5 B D B E F N J D  
X S J U T V O C H T D P S S H F F O F S B M M G R S E N J T X J B D  
minimum grade point average of 2.00 in previous college work.

1 S P T Q F D U W E A F B D T P U P B I B F J O G & F T M B Z  
5 F T J Q M P D G F I 50 & ' - 5 I P T X I P F B S O D P R S G P V U  
of a possible 6 on the essay test are not admissible to Linfield.



**BUSINESS INFORMATION SYSTEMS: GOALS FOR THE MAJOR**

In successfully completing a major in business information systems (BIS), a student will be able to:

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- t E F N P O T U S T B S P D F E V S C F B O B O H B O B H F S J B M

Helping students enroll in and graduate from Linfield College is the mission of the Office of Financial Aid. Financial aid is based on the financial situation of the student and family. Over ninety percent of the students attending Linfield receive some form of financial assistance. Seventy percent of the students attending receive financial assistance based on their financial aid eligibility, or "financial need."

Academic scholarships are available to the best-qualified applicants each year, regardless of eligibility for other types of financial aid. Linfield offers several different academic scholarships, explained in the section headed "Academic Scholarships for First-Year Students or Transfers." Athletic participation is not considered in the awarding of scholarships.

Financial aid is available after determining a student's financial aid eligibility. These financial aid types are explained in the section headed "Need-Based and Non Need-Based Financial Aid."

Music Achievement Awards

Scholarships of varying amounts are awarded to entering students who are particularly talented in music performance and intend either to major or minor in music and attend full time.

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name is used, they are the same federal loan program. Within the Federal Direct Stafford Loan Program there are Subsidized and Unsubsidized types of loans. Both types of loans are low-interest loans for eligible students originated by Linfield with funds from the federal government to help cover the cost of higher education. A FAFSA is required annually to determine student's eligibility. In addition, students are required to complete a Master Promissory / P U F. 1 / & O U S B O R R O W I N G R E S P O N S I B I L I T I E S borrowing responsibilities. Students must be attending at least half time in order to be eligible.

Federal Direct Stafford Loans must be repaid. The loan may be cancelled only if the borrower is totally and permanently disabled or dies. Payments normally begin after the six month

## Financial Aid

student has completed all the necessary paperwork and meets eligibility criteria for the award.

### Financial Aid Refund Policy

Refunds for students who withdraw from Linfield before the end of a semester will be computed in accordance with the refund table presented in the Costs section of this catalog if the student submitted all required documentation within the prescribed timelines (as set forth in Costs section), and financial aid was applied to the student account. Failure to meet the requirements as set by Linfield may result in the refund table not reflecting the cash amount that will be returned to the student. Financial aid will be refunded to certain aid accounts from which it was drawn based on a prescribed policy. Students who withdraw are subject to Satisfactory Academic Progress policy. Students are responsible for paying Linfield if the refund results in the student owing a balance on their Student Account.

### Renewability of Aid

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aid to qualify for any assistance program. Currently enrolled Linfield students requesting renewal of their scholarship, student employment or need-based financial aid will need to submit the Linfield Application for Financial Aid on Web Advisor as well as the FAFSA annually. Students receiving an academic scholarship and/or student employment are required to submit the Linfield Application for Financial Aid. Renewal depends on academic performance, the reestablishment of financial need, or both. Aid may be increased or decreased, depending on the annual financial need analysis and meeting prescribed priority dates. Aid may be withdrawn if a student fails to make Satisfactory Academic Progress, fails to report financial aid from sources outside Linfield College, owes a refund on a federal or state grant, or is in default on a student loan.

Priority dates are established by the Office of Financial Aid each year and students will need to meet these dates to ensure the best opportunity for renewal of scholarships and financial assistance.

These short-term loan programs are available to regularly enrolled students to assist with educational expenses during the year they borrow the funds. These loan funds require repayment prior to the start of the next academic year, or, for graduating seniors, prior to graduation. Linfield employees are excluded from borrowing these loans, unless they are enrolled in courses and are eligible. These funds are managed and awarded jointly by the offices of Financial Aid and Accounting.

Linfield College is mandated to qualitatively and quantitatively evaluate the academic progress of financial aid recipients. The standard is cumulative and includes all periods of enrollment, even those in which the student did not receive financial assistance. All financial aid is awarded with the understanding that the student will maintain Satisfactory Academic Progress (SAP). The specific requirements necessary to remain eligible for financial aid assistance differ slightly depending on whether the aid is institutionally based or federally funded, but the general policy applies to all types of aid. Linfield monitors Satisfactory Academic Progress annually. In order to maintain SAP the student must: 1) have a grade point average which meets the minimum requirements for continuation of study at Linfield, 2) earn a minimum O V N C F G S F E G J R S B D B D B E F Z N F B S O E D P N Q B I M U F degree requirements within a specified time frame. In the event a

student's performance is found to be unsatisfactory, the student is placed on Financial Aid Suspension and Linfield College's Office of Financial Aid notifies the student of their status to their Linfield College e-mail account and by mailing a letter to the student's home address.

### Qualitative Standard

Students are expected to maintain at least a 2.00 cumulative grade point average (GPA). Students with less than a 2.00 cumulative grade point average will be placed on Academic Probation and have one semester to improve their academic record before being suspended from Linfield College. Grade-point requirements are monitored by the Registrar's Office and are fully described in the Linfield College Course Catalog under Academic Policies and Procedures. Students on Academic Probation are eligible to receive financial aid.

### Quantitative Standard

Full-time students must complete at least 12 credit hours per semester, 24 credit hours by the end of the academic year. Minimum credit requirements per semester obligate students to be enrolled in a minimum of 12 credit hours each semester in order to retain full-time financial aid eligibility. Students enrolled in fewer than 12 credits will be eligible for half-time status financial aid, provided they are enrolled for at least 6 credit hours. Any student dropping below half-time attendance may lose eligibility for any financial aid. All credit hours must be completed at Linfield College, through an approved consortium agreement or through a foreign study program approved by the college.

"No credit" designations such as "W" (withdrawal) and "AUD" (audit) are considered attempted but not considered satisfactory completion of a course for the purposes of financial aid. Course grades of "I" (Incomplete) or "IP" (In Progress) transcript designations require a contingency grade and are treated as both attempted and completed credits. The Office of Financial Aid assumes that the contingency grade is at least a 2.00 or above. Students are required to complete the course requirements within the time prescribed by the college.

### Maximum Time Frame

Full time matriculating students are eligible to receive federal financial aid for a maximum of 150 percent of the time required to complete a degree. A minimum of 125 credits are required to earn a baccalaureate degree. The maximum number of credits for which a student may be eligible to receive federal G J O B O D E T B M Y " M D S F E J J U T F N B S J F E included in credits toward completion and are considered in the calculation for maximum time frame eligibility. Repeated courses (along with the original attempt) must be counted towards the maximum time frame. Students may receive federal financial aid one time for retaking previously passed coursework. Students X I P I B W F U U F N Q I P S E I B O P G I D S F E S J R T V J S F E for their program of study are not considered to be making SAP and therefore, are ineligible for financial aid. All transfer credits accepted by Linfield College will be included when determining maximum timeframe eligibility as both attempted and completed.

### Pace of Progression

Pace is measured annually and is required to ensure students complete their program of study within the maximum time frame. Pace is calculated by dividing cumulative credits successfully completed by cumulative credits attempted. For example:



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 more or financial aid is suspended Remedial coursework can be excluded.

Unsatisfactory Academic Progress

SAP is monitored annually by the Office of Financial Aid. Students that do not meet SAP standards at the end of the academic year are placed on Financial Aid Suspension and are no longer eligible for institutional or federal financial aid.

Appealing Financial Aid Suspension

Students failing to achieve SAP requirements are given the opportunity to appeal the suspension of their financial aid. The Appeal letter must be in writing to the attention of the Office of Financial Aid with documentation of the extenuating circumstances. The Appeal letter must include 1) the reason why the student failed to make SAP, and 2) what has changed that will allow the student to make SAP at the next evaluation. The student is notified of the Appeal decision to their Linfield College e-mail account and to their home address, all decisions are final. An Appeal that is approved allows the student to receive one semester of financial aid on Financial Aid Probation status. After Financial Aid Probation, the student must be making SAP or successfully following an academic plan.

Reestablishing Financial Aid Eligibility

Students who are placed on Financial Aid Suspension can reestablish financial aid eligibility. A student that does not submit an Appeal or is denied an Appeal must, without the benefit of financial aid, successfully complete at least 6 credits in one semester with a semester GPA of 2.00 for reinstatement. The student may then reapply by written Appeal to request financial aid for the following semester.

Financial Aid Definitions

Financial Aid Appeal –Process by which a student who is not making SAP petitions for reconsideration of financial aid eligibility. Appeal must include 1) reason why student failed to make SAP, and 2) what has changed that will allow student to make SAP at the next evaluation.

Financial Aid Probation – Status assigned to student who fails to make SAP and has successfully appealed. Student may receive financial aid for one payment period.



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## Community

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Richard E. Ice '52  
 " M B N F S E B M J G P S O J B

André W. Iseli '55  
 1968, Clackamas, Oregon.

Ezra Koch  
 . D . J O O W Q S I M H P O

Glenna Kruger '68  
 1 P S U M S E E P O

James Ledbetter '51  
 1995, Lake Oswego, Oregon.

Max Powers  
 0 B L M S E B M J G P S O J B

Delford M. Smith  
 . D . J O O W Q S I M H P O

George W. Steers  
 4 F B U B M T H J O H U P O

Bruce Stewart '49  
 . D . J O O W Q S I M H P O

HONORARY TRUSTEE

Larry L. Sims  
 3 F U J S E V J S P O & F I O J C B M S B T I J N B Q B O

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1. melrose hall  
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2. riley campus center  
O'Riley's Deli, Bookstore, Student Activities, ASIC, Multicultural Programs, Community Engagement, Ed Meyer Lounge, Meeting Rooms, Game Room
3. walker hall  
Academic Advising Office, Student Health Center, Counseling Center, Career Center, Learning Support Services, Anthropology Museum, Sociology/Anthropology, Archaeology Lab, Modern Languages, Classes
4. mac hall  
Integrated Technology Services
5. graf hall  
Physics
6. murdock hall  
Biology/Chemistry
7. taylor hall  
Mathematics
8. t.j. day hall  
Business, English/Economics, Philosophy, Center for Northwest Studies
9. malthus hall  
Division of Continuing Education, Conferences and Events
10. michelbook house  
Office of Admission
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PORTLAND CAMPUS

1. library
- 2 . peterson hall  
Classrooms, Auditorium, Experiential Learning Center, Science Lab,  
Administration, Camerawork Gallery, Faculty Offices
3. loveridge hall  
Residence Hall, Computing and Educational Media Center,  
Multicultural Programs, Faculty Offices,  
Enrollment Services, Financial Aid Office,  
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