

1990

La Salle University Evening Division Bulletin 1990-1991

La Salle University

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LA SALLE UNIVERSITY
EVENING DIVISION



*your lifelong
partner in learning*

BULLETIN
1990-1991



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La Salle University
Evening Division
Bulletin 1990 - 1991

**For More Information,
Call (215) 951-1234**

AN EQUAL OPPORTUNITY UNIVERSITY

La Salle University does not discriminate against any applicant because of race, color, creed, sex, age, physical handicap, or national origin. Admission is based upon an applicant's qualifications and ability to meet the established requirements for admission and for specific programs.

ACCREDITATION AND MEMBERSHIPS

La Salle University was chartered in 1863 as La Salle College by the Legislature of the Commonwealth of Pennsylvania and is empowered by that authority to grant academic degrees. It is accredited by the Middle States Association of Colleges and Secondary Schools, the Pennsylvania Department of Education, the Regents of the University of the State of New York, the American Chemical Society, the Pennsylvania State Board of Law Examiners, the Council of Social Work Education and the National League for Nursing.

The University is a member of the American Council on Education, the Association of American Colleges, the College Entrance Examination Board, the American Association of Collegiate Registrars and Admissions Officers, the Association of College Admissions Counselors, the National Catholic Educational Association, the College and University Council of Pennsylvania, the Association of Liberal Arts Colleges of Pennsylvania for the Advancement of Teaching, the Pennsylvania Catholic Education Association, the American Library Association, the National Commission on Accrediting, the American Catholic Historical Society, the Educational Conference of the Brothers of the Christian Schools, the National Association for Foreign Student Affairs, the Association for Continuing Higher Education, the North American Association of Summer Sessions, and the National University Continuing Education Association.

RIGHTS AND PRIVACY ACT PROVISIONS

Each year, La Salle University informs students of the Family Educational Rights and Privacy Act of 1974. This Act was intended to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal or formal hearings.

To fulfill basic requirements for compliance with the Act, each institution must inform each student of his/her right to prevent disclosure of personally identifiable information. Although La Salle does not publish a public directory, the Office of the Registrar, at its discretion, does disclose the following information: name, address, dates of attendance, class, major field of study, and degree(s) conferred (including dates).

Under the provisions of the Rights and Privacy Act, currently enrolled students may withhold disclosure of such information. To prevent disclosure, written notification must be received by the Office of the Registrar by October 1st in the Fall Semester and February 15th in the Spring Semester.

The University will honor each request to withhold any of the categories of information listed above but cannot assume responsibility to contact a student for subsequent permission to release them. Decisions about withholding any information should be made very carefully. Should a student decide to inform the institution not to release any information, any future requests for such information from non-institutional persons or organizations will be refused.

La Salle University assumes that failure to request the withholding of "directory information" indicates approval for disclosure.

To comply fully with the provisions of the Commonwealth of Pennsylvania's Act 143, the College and University Security Information Act of 1988, La Salle University has available its Crime Statistics Report for 1989, as well as a new publication entitled "Safety and Security at La Salle University." Copies of either document may be requested without charge in writing from the News Bureau, La Salle University, 20th Street and Olney Avenue, Philadelphia, PA 19141

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DATES TO REMEMBER — FALL 1990 SEMESTER

September 5 — December 20, 1990

AUGUST

In-Person Registration for Main Campus 27 to 29 Monday to Wednesday

SEPTEMBER

Classes Begin, Late Registration, Change of Roster 5 Wednesday

Registration for Saturday Classes. Saturday Classes begin - 9:00 A.M. 8 Saturday

Last Date for Late Registration and Change of Roster 11 Tuesday

Last Date to Choose Pass/Fail Grades in Elective Courses 27 Thursday

Study Skills Workshop: 10:00 A.M.- 3:00 P.M. 29 Saturday

OCTOBER

Academic Convocation 21 Sunday

NOVEMBER

Mid-Semester Grades Due 6 Tuesday

Last Date to Withdraw 13 Tuesday

Make-up Classes for Thanksgiving 16 Friday

Thanksgiving Holidays 21 to 25 Wednesday to Sunday

DECEMBER

Classes End 13 Thursday

Final Examinations 15 to 20 Saturday to Thursday

Snow Date for Exams 21 Friday

JANUARY 1991

Fall Semester Grades Due, 9:00 A.M. 2 Wednesday

Fall Semester Make-up Final Exams 3 Thursday

FALL 1990 SEMESTER CLEP CALENDAR

September 15 October 20 November 17

EVENING STUDENT COUNCIL MEETINGS

11:00 A.M. — 12:30 P.M.

September 22 October 27 November 17 December 22

ALPHA SIGMA LAMBDA MEETINGS

6:00 P.M. — 7:30 P.M.

September 28 November 30

SIX INTENSIVE SATURDAYS

9:30 A.M. - 4:30 P.M.

For specific dates, consult The LaSalle Option

DATES TO REMEMBER — SPRING 1991 SEMESTER
January 14 - May 4, 1991

JANUARY

In-Person Registration for Main Campus	7 to 9	Monday to Wednesday
Classes Begin, Late Registration, Change of Roster	14	Monday
Last Date for Late Registration and Change of Roster	19	Saturday
Registration for Saturday Classes	19	Saturday

FEBRUARY

Last Date to Choose Pass/Fail Grades in Elective Courses	1	Friday
New Student Orientation	3	Sunday
Study Skills Workshop: 10:00 A.M. – 3:00 P.M.	9	Saturday

MARCH

Mid-Semester Holiday; Snow Make-up Date, if necessary	4 to 8	Monday to Friday
Classes Resume	9	Saturday
Mid-Semester Grades Due	12	Tuesday
Last Date to Withdraw	19	Tuesday
Easter Holidays	29 to 31	Friday to Sunday

APRIL

Classes Resume (Easter Holidays)	1	Monday
Spring Semester Classes End	27	Saturday
Final Exams	29 to 4	Monday to Saturday

MAY

Baccalaureate Liturgy	11	Saturday
Commencement	12	Sunday
Spring Semester Grades Due-9:00 A.M.	13	Monday
Make-up Final Exams-7:00 P.M.	16	Thursday

SPRING 1991 SEMESTER CLEP CALENDAR

January 19 March 16 April 20 May 18

EVENING STUDENT COUNCIL MEETINGS

11:00 A.M. — 12:30 P.M.

January 26 February 23 March 23 April 27

ALPHA SIGMA LAMBDA MEETINGS

6:00 P.M. — 7:30 P.M.

January 25 March 29

SIX INTENSIVE SATURDAYS

9:30 A.M. — 4:30 P.M.

For specific dates, consult The LaSalle Option

LA SALLE UNIVERSITY

AN INTRODUCTION

Founded in 1863, La Salle College received university status in 1984. The La Salle tradition represents more than 125 years of educational excellence. Today, La Salle is a nationally and internationally renowned private comprehensive university related to the Roman Catholic Church. La Salle University is one of two institutions of higher education in the eastern United States conducted under the auspices of the Christian Brothers (Manhattan College is the other Christian Brothers school). The Brothers were founded by St. John Baptist de La Salle in the 17th century. For more than 300 years, the order has been known for dedicated teaching and devotion to students. The community spirit of the Christian Brothers is a major influence on faculty and administrators of La Salle University where diverse backgrounds unite to carry out the objectives of the University in an atmosphere of respect for the individual.

The La Salle campus is composed of more than 100 acres and includes the Belfield Estate, a farm which once belonged to American painter Charles Wilson Peale. The original Peale home, known as Belfield, was renovated, and it now houses administrative offices including the Office of the President. Many campus visitors have remarked about the beautiful surroundings, and because of the spaciousness and lush greenery have found it hard to believe that the campus is situated within the city limits.

Another major addition to the La Salle campus is the Connelly Library. The Library is one of the most beautiful, most advanced academic libraries in the country. It has more than 300,000 volumes and offers state of the art computerized information retrieval.

PHILOSOPHY

La Salle University is committed to a tradition that views education as the free search for truth. The University is committed to providing an environment which cultivates in students the desire to develop the skills necessary for the pursuit of truth and knowledge. Such an environment involves intellectual and spiritual development, which means both the academic and personal confrontation with the ultimate questions of human existence. La Salle challenges students to free themselves from narrow interests and prejudices, to observe the world with precision, judge events and opinions critically, think logically, communicate effectively and sharpen aesthetic perception. La Salle's curriculum provides the opportunity to gain specialized knowledge in one field of learning as a preparation for graduate study or professional life. As a private Catholic University, La Salle accomplishes these aims through a religiously diverse community of teachers and students interested in studying a variety of secular and religious subjects and investigating the interrelationships that emerge. The University provides a wide range of programs and activities in which a student's personal, social and religious values can take root. The ultimate hope of the University is that its graduates will be ready for informed service and progressive leadership in their communities and that they will be able to fulfill their immediate and lifetime goals.

THE EVENING DIVISION

The Evening Division of La Salle University is in its 43rd year of operation and it is the oldest in Philadelphia to offer a bachelor's degree program which can be completed entirely at night. When the Division was inaugurated in 1946, there were only a few evening college programs throughout the country awarding Bachelor's degrees.

The Evening Division at La Salle was developed with two goals in mind: to meet the needs of potential students who could not pursue their college education full time during the day, and to meet the increasing need of business and industry in the Delaware Valley for the education, re-education, and professional advancement of employees. While over 40 years ago these needs represented a new challenge for colleges and universities, today these needs represent a growing trend in higher education. Increasingly, adults are beginning, resuming and/or completing their degree programs part-time at night in order to meet work and family obligations during the day. As new professional opportunities arise and personal goals change, more adults are enrolling in evening programs to broaden their education and to facilitate career advancement or career change.

In the Evening Division, there exists the same balance of educational commitments that is characteristic of the University as a whole. La Salle is a liberal arts university and has structured a curriculum requiring all students to gain some depth of experience in those kinds of courses and methods of study that teach students to think critically and independently, and to study and to be challenged by the ideas, history, achievements, and values of their culture. Such an educational background produces not just learning, but learners: people who are better prepared to meet change and challenge.

The Evening Division is committed to offering programs of intense study in chosen fields of interest, both professional and academic, which prepare students for meaningful careers or advanced study. Major programs are designed to provide students with the opportunity to gain mastery of the information, skills, techniques and technologies of their field, whether that be in the arts, sciences, business administration, education, computer science, or nursing.

The Evening Division is proud, not only of the education it delivers, but the way it is delivered: La Salle is known for teaching excellence and individual attention to students. Students, themselves, have indicated that the two most significant features of their educational experience at La Salle are excellence in teaching and individual attention. Not only do La Salle students receive quality instruction but they are exposed to many faculty members who have made significant contributions in research and in their respective professions.

Individual attention is enhanced by the smaller than average class size. At La Salle, no one is lost in the crowd. The style, size and scale of classes at La Salle are geared to enhance the education of the individual student. Policies and procedures for advisement reinforce that concept. Advisors are available in the Dean's Office, Evening Division Advisement Center in the various special programs, in the departmental majors and in other areas of student services. Both faculty and administrators, are committed to providing students with an environment where teaching and learning can take place. Such an environment supports excellence in teaching.

Excellence in teaching is a combination of many variables. These factors are harder to describe because they vary with the style, method and personality of the instructor. But when teaching works, something changes in the student. That change doesn't happen in every class. In fact, it takes time to gain familiarity with the subject, its vocabulary, con-

cepts, and methods, before anything new is possible. Sometimes excellent teaching is the pushing and pulling required to motivate people to gain that familiarity, to become students rather than an audience. Here, excellence is persistence, carefulness, precision, patience and a certain enthusiasm which implies to the student that the work will be worthwhile...there is a promise of something ahead.

Excellence in teaching is common at La Salle University. Students receive the individual attention and motivation to accept new challenges from knowledgeable instructors. Excellence in teaching at La Salle creates excellent growth opportunities for La Salle students.



Brother Emery Mollenhauer, F. S. C., Provost, LaSalle University.

PROGRAMS

CONTINUING EDUCATION FOR WOMEN

The Continuing Education for Women (CEW) Program at La Salle is designed to ease the transition into the University for adult women who wish to begin or resume their college education. Although this program is administered through the Evening Division, women may enter as CEW students in either the Evening or Day Division. Any woman, 24 years or older who has a high school diploma or equivalent, is eligible to apply. CEW applicants may be given placement examinations in reading, written communication, and math. A major part of the fear in returning to college results from not knowing where to begin. The placement exams help the CEW advisors and the students decide which courses are the best ones for the beginning semesters.

CEW has been a popular and successful educational program at La Salle because of the counseling, direction, and sense of support the women receive. The decision to begin or return to college is a difficult one for adults who, like most CEW students, have been busy juggling families and jobs and have been away from academic studies long enough to make the prospect frightening. In the CEW program, students receive intensive academic and career counseling both upon enrollment and throughout their participation in the program. Students are invited to orientation programs which focus on study skills and other "survival techniques" for succeeding at the University, and to workshops which are held on various topics of interest, including "Multiple Roles of Women" and "The Juggling Act". Besides being informative, CEW programs and workshops bring the students together, creating an informal network or community for support.

Despite their shared goals and experiences at La Salle, the women in CEW are a strikingly diverse group. Currently enrolled are several police officers, military veterans, secretaries, business women, some grandmothers, a mother of nine children and several nurses. Most of the women are squeezing in time for their own education between family and job obligations, and some have postponed their education until their children finished their schooling. After successfully completing 15 credits of academic course work, the "transition" to La Salle has been accomplished and students transfer out of the CEW program. Several women who entered La Salle through CEW have been recognized for their successful achievements and have won prestigious honors including the Dean's Award. Besides the academic accomplishments of these students, the CEW program is proud of the contributions that their diversity and experience make to La Salle.



*Dr. Marjorie Allen 1990 Distinguished
Honorary member of Alpha Sigma Lambda*

OFF-CAMPUS CENTERS

The Evening Division of La Salle University seeks to meet the educational needs of students whose work and/or family obligations make full-time day attendance an impossibility. In keeping with this intention, the Evening Division has established off-campus centers where students can take courses for their own interest, professional advancement or toward an Associate, Bachelor's or Master's degree. To further accommodate students' busy schedules, classes are available three or four nights a week at the off-campus centers, but each course usually meets only once a week. While one cannot complete a degree at any off-campus center, it is possible to complete many of the requirements in General Education, Distribution, and the Business Core (for Business Administration majors). The courses are the same as those offered on the main campus and the instructors who teach at the off-campus centers are drawn from the University's day and evening faculty. In every way, it is a La Salle education, but brought closer to where students live and work.

Each off-campus center is staffed by a La Salle University administrator and there is an administrative office where advisement and essential student services are available. Registration, ID photos, textbook sales and academic counseling are provided at these offices. The off-campus centers, however, are not intended as branch campuses of La Salle, and, therefore, do not supply the full range of academic support services available at the main campus. Several courses will require specifically that one or two class sessions be held on the main campus in order to make available those resources which the off-campus centers cannot provide. Students enrolled in courses at off-campus centers have the same rights to facilities on the main campus as do all other students, and their participation in the academic life and student activities on the main campus is encouraged.

The Off-Campus Centers are:

- La Salle/Bucks County — Archbishop Wood High School, Warminster, Bucks County, on York Road above Street Road.
- La Salle/Northeast — Archbishop Ryan High School on Academy Road in Northeast Philadelphia.
- La Salle on the Parkway — the Friends Select School on the Benjamin Franklin Parkway in Center City, Philadelphia.

ADMISSIONS

GENERAL ADMISSIONS INFORMATION

Qualified applicants desiring to pursue their education at La Salle are welcome in the Evening Division. Admissions decisions are based on past scholastic record, present scholarship aptitude, experience, potential and recommendations.

All applicants, except those who already hold a Bachelor's degree from an accredited college or university, are given placement examinations in reading, written communication, and mathematics. The results of these examinations enable the Admissions Committee to evaluate an applicant's reading skills, and verbal and mathematical aptitude and achievement. The schedule of dates for entrance examinations is sent to all applicants.

One can apply for admission beginning in the Fall, Spring or Summer semester. Once admitted, students are classified according to the program of study for which they have applied, i.e. as a candidate for the Associate in Arts, Bachelor of Arts, Bachelor of Science, Bachelor of Science in Business Administration or Bachelor of Science in Nursing Degree. An applicant may also be admitted as a special or non-matriculated student to take courses without reference to degree requirements. Admissions procedures and policies are the same for special students as for degree candidates.

La Salle University does not discriminate against any applicant because of race, color, creed, national origin or physical handicap. Admission to La Salle is based solely upon an applicant's qualifications and the ability to meet the educational and other established admission requirements. However, La Salle does reserve the right to refuse admission or require the withdrawal of any student whose presence would be in conflict with the ideals of the university or with the observance of its regulations.

ADMISSIONS REQUIREMENTS

To qualify for admission, candidates must meet the general procedural requirements for admission (see above). They must submit documentation of the completion of 16 units of study at an accredited high school or through certification by the State Department of Education. Ten of these 16 units should be distributed as follows: English (4 units), History (1 unit), Mathematics (2 units), Modern Language (2 units) and Natural Science (1 unit). The remaining 6 units should be distributed in academic subjects appropriate to the degree program for which the student is applying.

Exceptions may be made to the secondary school requirements in those cases in which the applicant is otherwise well qualified, or in which a State Department of Education Equivalent High School Diploma has been obtained.

An honorably discharged veteran who has not attended any academically accredited institution since discharge from the armed forces may be admitted to the Evening Division under a special policy. Contact the Admissions Office of the Evening Division for further information.

TRANSFER CREDITS

An applicant who has attended another college or university accredited by one of the Regional Accrediting Associations may be admitted to La Salle with advanced standing credit if the following conditions are met:

- The courses must be approved for transfer by the Evening Division Admissions Office (in consultation with the various Department chairs, when appropriate.)
- Credit will be considered for courses completed at the institution from which the applicant is transferring, if they have a quality point value equivalent to or above the La Salle C grade (2.00). The grades are not posted on your transcript nor computed in your academic index. Courses accepted for transfer are listed by name and number of credit hours earned toward the total.
- A total of 70 credits is the maximum number which can be transferred to La Salle from other institutions.
- At least half of the courses required by the major department (i.e., “major requirements”) must be completed at La Salle.
- La Salle reserves the right to refuse advanced standing credit for whatever reasons deemed proper.
- Junior and Senior level Business core courses will require validation (through exam or completion of specified upper division course with a minimum “C” grade) in order to transfer.

ADMISSIONS PROCEDURES

1. Secure an Application for Admission form, complete it and return it with an application fee of \$20.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle University, Philadelphia, PA 19141.
2. Request that the high school from which you graduated, and that any colleges or universities which you attended send an official transcript of your record to the Admissions Office, Evening Division and Summer Sessions. A photocopy of a State Equivalency Diploma may be submitted in lieu of a high school record.
3. Upon receipt of your application, you will be notified of the dates and the nature of the entrance testing program and of any further conditions which must be satisfied for admission.
4. You will receive final notification of the status of your application and, if admitted, the dates of course registration for the upcoming semester. If you applied for admission with advanced standing (based on official transcripts submitted from other colleges or universities) you will also be notified of the extent of advanced standing credit granted, i.e. accepted as transfer credits by La Salle.

EXPENSES

All fees listed in this catalogue reflect fees at date of publication. However, in view of rising costs, La Salle University must reserve the right to amend or add to these charges at any time and to make such changes applicable to both new and current students.

Application Fee: A non-refundable application fee of \$20.00 is charged and due with the application for admission. This fee covers the cost of administering the entrance examinations and evaluation of records and transcripts.

Tuition: The tuition charge is based on the number of credit hours taken in any semester and is calculated at \$180.00 per credit hour. Payment in full at the time of registration or formal arrangements with the Bursar's Office for the Deferred Payment Plan is required to complete registration and be included on the official class list.

Registration Fee: A registration fee is assessed and is payable at the time of registration.

Summer Session		\$10.00
Fall and Spring semesters	7 credits or less	\$15.00
	8 credits or more	\$25.00

Late Registration Fee: Students who do not complete course registration within the time period indicated in the Academic Calendar are permitted to register late (at a time also indicated in the Academic Calendar). An additional \$10.00 late fee is charged.

Special Course Fees: Courses which require laboratory work (such as some science courses) or involve the use of special equipment (such as some communication courses) carry an additional \$35.00 fee to cover the extra cost of supplies. Some computer science courses carry an additional lab fee of \$30.00.

Other Fees:

- ACT-PEP Examinations carry a \$40.00 application fee, per exam.
- Credit awarded through ACT-PEP and end-of-course examinations carries a \$75.00 per test administrative fee, except for Anatomy and Physiology for which the fee is \$150.00, to be paid at the time of posting the credit on the transcript.
- CLEP Examinations carry a \$37.00 application fee, per exam.
- Credit awarded through CLEP carries a \$25.00 per credit administrative fee to be paid at the time of posting the credit on the transcript.
- A Special Examination Fee of \$5.00 is charged when a student takes any make-up examination (with Instructor's approval) administered through the Dean's Office.
- A \$10.00 fee is charged for special make-up final exams.
- The Registrar's Office charges a \$2.00 Transcript Fee for an official transcript. (No transcripts may be issued until all financial obligations to the University have been settled satisfactorily.)
- A Graduation Fee of \$40.00 is payable before graduation by each candidate for a Bachelor's degree. This fee is to cover the cost of the diploma, the use of cap and gown, the yearbook, and all other expenses incidental to commencement exercises. No candidate may be recommended for a degree, diploma or certificate until the graduation fee and all other financial obligations have been paid.

PAYMENT PROCEDURES

PAYMENT OF TUITION

Students who pre-register will be billed by mail (approximately 1 month prior to the beginning of the semester) and may pay by mail (normally within 15 days of the date of the invoice). Students who complete the registration and payment process by mail can avoid In-Person Registration. Payment can be made by check, bank draft, cashier's check, money order, Visa or Mastercard but do not send cash through the mail. Please use the envelope provided and note the due date indicated on your invoice. Payment can be made in person at the Bursar's Office by the due date. When making payment in person, please be sure to bring the entire invoice form to avoid any delays. Students who complete registration as described above are able to avoid In-Person Registration.

If, however, any of the following situations apply, attendance during In-Person Registration is required:

- If you pre-register in time to receive a bill but do not either submit payment in full by the due date or make official arrangements with the Student Loan Office for Deferred Payment;
- If you do not pre-register by the indicated date;
- If you do not pre-register;
- If you wish to make any changes in your pre-registration.

When your registration is complete (which includes payment of tuition, and all other fees or official arrangements for the Deferred Payment Plan) you will receive a validated receipt as official evidence of your inclusion on the class lists of the courses for which you have registered.

Completing your pre-registration and payment arrangements early enough to avoid In-Person Registration is more convenient for you and pre-registering increases the likelihood that you will get the courses you need. Furthermore, it is very helpful to the Evening Division Administrators in assessing course enrollments and planning rosters. You are encouraged to complete registration as early as possible.

REFUNDS

Time of Withdrawal Refund		Amount
	Fall and Spring Semesters	
Before first day of class		100%
During first week		80%
During second week		60%
During third week		40%
During fourth week		20%
After fourth week		None
	May Session and Other Intensive Programs	
Before first day of class		100%
During the first day of class		50%
After the first day of class		None
	Summer Sessions	
Before first day of class		100%
During first week		60%
After first week		None

For the purpose of refund, you shall be considered to be in continuous attendance up to and including the date of submission of proper notice of withdrawal. The notice of withdrawal must be addressed to the Dean. Ceasing to attend or giving notice to an instructor does not constitute proper notice. The allowed percentage of refund shall be based upon the official withdrawal date which shall be determined by the date the notice of withdrawal is received by the Dean, or the postmark, if mailed.

For the purpose of refund computation, a week shall be defined as the period of seven successive days beginning with the official University opening of classes and not the first day in actual attendance by a particular student. Withdrawal forms are available in the Evening Division Office.

In those instances where a student's educational expenses were satisfied in whole or in part by Title IV Program Funds, and a refund of these educational expenses is authorized, that refund will be proportioned in accordance with U.S. Department of Education regulations governing refunds and cash disbursements made directly to students. Under those regulations, priority is given to the return of funds to Title IV Assistance Programs in the following order: State Grant Programs, SEOG, NDSL, Pell Grants, Guaranteed Student Loans. Students should be aware that the regulations may prevent the refund of any personal funds used for payment of tuition and fees. In instances where a student has received a cash disbursement prior to the recording of one's withdrawal, the student may be required to return those funds to the University.

DEFERRED PAYMENT PLAN

If you do not have the entire amount you need to register for the Fall or Spring semester, or for certain graduate programs during the summer sessions, you can choose the Deferred Payment Plan, which allows you to spread out your payments in three monthly installments throughout the semester. For a \$15.00 application fee and a small finance charge, you can defer payment on as much as 75% of your educational expenses (or as little as \$250.00, if that's all you need.) To find out more information or to obtain your application, contact the Student Loan Office (951-1054).

FINANCIAL OBLIGATIONS

At the time of registration, the student contracts for the full amount of the tuition regardless of the arrangement for payment. A student who is financially delinquent or who has a record of indebtedness cannot attend class, register for subsequent semesters or receive grade reports, transcripts or diploma until such indebtedness is paid.

TUITION REDUCTION FOR CATHOLIC SCHOOL TEACHERS

Persons employed as full-time teachers in any of the Parish or Archdiocesan Schools or in any private Catholic school in the Delaware Valley area may receive a 30% tuition reduction for courses taken in the Evening Division and Summer Sessions on a part-time basis (not to exceed 9 semester credit hours) and a 40% reduction for graduate courses taken in the Graduate Education Program, the Bilingual/Bicultural Program, or the Human Services Psychology Program. A letter from the principal verifying full-time employment is required for each semester/session of attendance at La Salle.

FINANCIAL AID

La Salle does not deny admission to any student because of financial need. Although students are responsible for meeting their own financial obligation to the University, the financial aid programs at La Salle offer a wide range of opportunities.

Pell Grants: The Pell Grant is a federally administered program available to needy students taking at least 6 credits per term. Eligible students may receive up to \$2200 per academic year, depending upon enrollment status. Applications are available from the Financial Aid Office (951- 1070).

Pennsylvania Higher Education Assistance Agency (PHEAA) Grants: PHEAA grants are administered by the Commonwealth and range between \$100 and \$1850 per academic year. Eligible students must demonstrate financial need, be enrolled on a full-time basis (12 credits per term), maintain Pennsylvania residency, and complete a minimum of 24 credits per year. Applications are available from the Financial Aid Office.

Guaranteed Student Loan (GSL) Program: This loan program is available through participating lending institutions. Students taking at least 6 credits per term may receive as much as \$2625 for Freshmen and Sophomores and \$4000 for Juniors and Seniors per academic year. Repayment begins six months after the student ceases at least half-time enrollment. The current interest rate for first time borrowers is 8%.

If the adjusted gross income of the applicant's family is higher than \$30,000, the borrower must demonstrate financial need to qualify.

Loan applications and Income Needs Analysis forms are available through participating lenders. Contact the local banks regarding program participation.

Evening Division Scholarships: Grants are offered annually to undergraduate Evening Division students who have established a financial need and have completed at least 12 credits at La Salle University. Selection of recipients is made by the Evening Division Grant Committee. Applications are available from the Financial Aid Office and must be submitted by June 15.

Charlotte W. Newcombe Foundation: Scholarships are offered to women at least 25 years of age who are part-time or full-time students and who will be enrolled at La Salle for a minimum of 6 credits during the term when the scholarship will be used. The student must demonstrate a financial need, have a minimum cumulative grade point index of 2.5, and have completed a minimum of 60 credits by the term during which the scholarship will be used. Applications are available in the Financial Aid Office (951-1070), and must be submitted by June 1 (Fall term) and November 1 (Spring term).

Tri-State Dairy Deli Association: Scholarships are offered to part-time and full-time Evening Division students majoring in business who demonstrate a financial need. Selection of scholarship recipients is made by the Financial Aid Office at La Salle University. Applications are available through the Financial Aid Office (951-1070).

If you have been granted a financial aid award and have carried out all instructions and met all requirements, you will be informed in writing of the terms and the extent of the award. Your invoice will be credited with this award. Questions should be directed to the Financial Aid Office (951-1070).

STUDENT AFFAIRS

La Salle University is committed to providing a rich educational experience for all students by offering the opportunity to develop intellectually, spiritually, psychologically and socially. The Student Affairs program in the Evening Division is designed to encourage that development through structured activities and services in academic counseling, career planning and placement, religious and social activities, student organizations, publications, intramural athletics and recreation, and the Alumni Association.

ACADEMIC ADVISEMENT

For Evening Division students, the Dean's Office is the center of academic advising. Academic advisors are available to consult with and to assist students in planning and pursuing their educational goals at the University. Students are encouraged to take advantage of services available in the Evening Division Advisement Center.

In addition, the Department Chairs and Program Directors serve as academic advisors for their particular subject areas and they provide supplementary counseling in choosing a major program, in meeting major requirements and in developing new areas of interest. The following people are available for such counseling:

Accounting
Biology
Chemistry
Communication Arts
Computer Science
Economics
Education, Secondary Education,
Elementary and Special Education
Electronic Physics
English
Finance
Fine Arts
Foreign Languages and Literatures
Geology
Health Care Administration
History
Humanities
Law
Management
Marketing
Mathematics
Military Science
Nursing
Philosophy
Physics
Political Science
Psychology
Religion
Risk Management and Insurance
Sociology and Criminal Justice

Mr. Joseph Markmann
Dr. Norbert Belzer
Dr. Thomas S. Straub
Mr. William Wine
Mr. David Brown
Dr. John A. Duffy
Dr. Francis J. Ryan
Dr. Sharon Schoen
Dr. Robert Bartolini
Dr. Marjorie Allen
Dr. Les Barenbaum
Dr. Charles White
Dr. Bernhardt Blumenthal
Dr. Henry Bart
Ms. Anne Walsh
Dr. George Stow
Dr. Charles White
Mr. Joseph Markmann
Dr. Steven Meisel
Ms. Sharon Javie
Dr. Edward Nolan
Lt. Col. James Dent
Dr. Gloria F. Donnelly
Dr. Michael Kerlin
Dr. Henry Bart
Mr. Kenneth L. Hill
Dr. Joseph Kovatch
Dr. James Biechler
Ms. Kathleen McNichol
Mr. Finn Hornum

RELIGIOUS ACTIVITIES

The Chapel of La Salle University provides a convenient center both for personal meditation and for group worship. Its facilities are available to the student body at all times. In addition, graduation ceremonies open with the Baccalaureate Mass to which graduating seniors, their families and friends are invited.

Upon request and by appointment, a Campus Minister will meet with Evening Division students.

STUDENT ORGANIZATIONS AND ACTIVITIES

Alpha Sigma Lambda

Alpha Sigma Lambda, a national honor society for adult students, was inaugurated at La Salle in December, 1966. The La Salle University Alpha Delta Chapter, is open by invitation to men and women who have been enrolled in a college or university for an average of 4 semesters, completed 30 semester credits at La Salle and who have an academic index of 3.40. With the objective of recognizing and encouraging scholarship, Alpha Delta Chapter includes distinguished La Salle faculty and administrators among its members.

Sigma Theta Tau, Kappa Delta Chapter

The International Nursing Honor Society, Sigma Theta Tau, is represented at La Salle University through the Kappa Delta Chapter. The goals of the society are (1) to recognize superior achievement, (2) to recognize the development of leadership qualities, (3) to foster high professional standards, (4) to encourage creative work, and (5) to strengthen commitment to the ideals and purposes of the profession. Membership is by application and invitation to nursing students with an academic index of 3.25. The society inducts new members once a year.

Registered Nurses' Organization (RNO)

RNO is an organization of registered nurse students majoring in nursing who are interested in participating in the professional nurses' network that exists at La Salle. The organization was also established to disseminate information, to provide career related programs, to involve students in the life of the University and to nurture excellence in the Nursing Department and among its members.



1990 Alpha Sigma Lambda Induction Ceremony

The Evening Student Council

The Student Council of La Salle University's Evening Division acts as the official representative of the student body in its relations with the administration and faculty of the University in matters related to extracurricular activities and student welfare.

In general, its purpose is to cultivate, promote and manage all social and other affairs conducted for the benefit of the entire evening student body; to promote the general welfare of the students, to act as an advisory body between the students and the administration, and to meet the needs of special interest student groups.

AWARDS AND HONORS

Dr. Joseph J. Sprissler Award

This award honors the Evening Division student who has exemplified outstanding participation and leadership abilities in extra-curricular activities and contributed unselfishly to the enrichment of student life in the La Salle University Evening Division.

Dean's Award

The Dean's Award honors the Evening Division student who exemplified outstanding leadership abilities while contributing, unselfishly, to the advancement of student welfare, the betterment of the La Salle University community, and the fostering of La Salle goals, while maintaining high scholastic standards.

Hugh Carroll Award

Established in 1972 to commemorate the 25th anniversary of the Evening Division, the Hugh Carroll Award is presented to that Evening Division student who has contributed the most to the advancement of the Evening Division. This award may be in recognition of work performed in a single year or over a period of years.

Victor D. Brooks Award

This award honors the Evening Division student possessing the highest cumulative index. To qualify for the Brooks award, at least half of the student's credits must be earned in the La Salle Evening Division.

CAREER PLANNING AND PLACEMENT BUREAU

The Career Planning and Placement Bureau has evening hours by appointment and is located on the fourth floor of the Administration Center. The Bureau assists students and alumni in career planning and employment activities. For information or for scheduling an appointment, call 951-1075.

The Bureau's services include the following:

1. Career Counseling, which offers students the opportunity to formulate or discuss vocational plans on a one-to-one basis with a career counselor. It is best to arrange for such a meeting by scheduling an appointment ahead of time.
2. The Career Library, which contains vocational information about potential employers, various career fields and graduate and professional schools.
3. Employment Placement, which is a service open to all La Salle students and graduates. Evening Division students who have reached senior status will receive a written invitation to participate in La Salle's on-campus interviewing program. They may submit resumes and sign up for interviews during regular evening hours.

PUBLICATIONS

La Salle Explorations

Explorations, the Evening Division newsletter, serves as a vehicle for disseminating views and articles of interest to the entire student body.

The Explorer

The Explorer is the yearbook published for the members of each graduating class. The book serves as a record of college life and activities.

The Evening Bulletin

The Bulletin is compiled in the Evening Division Office and distributed (evenings and Saturdays) on the main campus with announcements and notes of interest to students, faculty and administrators. It establishes a constant, open channel of communication and source of information.

INTRAMURAL ATHLETICS AND RECREATIONAL FACILITIES

The intramural sports program at La Salle offers a wide variety of athletic activities and Evening Division students are welcome to participate when their schedules permit. Recreational facilities at Hayman Hall include the gym, weight room, indoor track, pool, squash courts, exercise room and sauna as well as locker rooms. Outdoor tennis courts and an all-weather outdoor track are also available for use by Evening Division students. Day and evening hours are available. Further information and schedules of hours and activities are available from Hayman Hall.

FOOD SERVICES

Food services are available all evenings and weekends when classes are held either in the Union Cafeteria or the Intermissions Cafe as well as in St. Katherine's Cafeteria located in the dormitory complex. Schedules are posted and announced in the Bulletin notes.

THE CAMPUS STORE

The University maintains a Campus and Textbook store complex located in the Wister Building. It offers general school supplies, stationery, trade books, textbooks, and convenience foods. Hours of operation are Monday through Thursday, 9:00AM-7:00PM, Friday, 9:00AM-3:30PM. Extended hours are posted for semester openings.

THE ALUMNI ASSOCIATION

The Alumni Association seeks to promote the welfare of La Salle University and to encourage good fellowship among alumni. To achieve these ends, the Association works principally through the University Alumni Office and class organization.

The Alumni Association is controlled and directed by the alumni in cooperation with the University administration. The governing board is called the Alumni Board of Directors. It consists of representatives from each graduating class and a Director of the Association appointed by the University.

Alumni are encouraged to take an active part in promoting the attendance of worthy and talented students, to take an intelligent interest in the academic affairs of the University, to support the University financially to the best of their ability, and to foster the growth of the University. Alumni are also encouraged to assist the Placement Bureau by calling to its attention job opportunities for La Salle students.

THE LIBRARY

The Connelly Library houses a collection carefully developed to meet the academic and research needs of La Salle's faculty, students, and staff. Current holdings include over 300,000 volumes, current subscriptions to 1,318 periodicals, and over 40,000 microfilm pieces. Through its participation in various regional and national networks, the library augments its collection by providing interlibrary loan service to and from other libraries throughout the country. Library Service is also enhanced through the use of the latest information technology. A fully automated catalog is available which can be accessed on terminals located in the library or on remote computers equipped with communications software. The Reference Department offers searches of over 200 electronic databases some of which are available on disks owned by the library. Reference Librarians are available most hours that the library is open to offer assistance with the collection and to provide group and individualized instruction for research projects.

La Salle's librarians strive to provide not only the most efficient and comprehensible organization of the library's holdings but also to instruct students in its use. Bibliographic instruction is offered as part of regularly scheduled classes and on an individual basis. Students requiring assistance with term papers and with other academic projects can avail themselves of this service. Instruction in computer-assisted search techniques is also available.

When classes are in session the Main Library is open Monday through Thursday from 8:00 A.M. to 12:00 Midnight, Friday from 8:00 A.M. to 8:00 P.M., Saturday from 10:00 A.M. to 6:00 P.M., and Sunday from 12 Noon to 12:00 Midnight. For more information on Library Services, call 951-1292.

BUILDING BLOCKS: Child Development Center

Building Blocks is a privately incorporated day care center which offers quality child care on a year-round basis. It was established in 1973 by members of La Salle's faculty, staff and student body and is located on the University campus, serving the immediate La Salle community and our neighbors. Part-time or full-time placements are available for children from 15 months to six years of age. Building Blocks participates in federally subsidized child care. For further information, contact the Director of Building Blocks at 951-1573.



Jean Haley, Director of the Connelly Library

ACADEMIC POLICIES AND PROCEDURES

GRADES

The final course grade is determined through evaluation of recitations, written assignments, examinations during the course and the final examination. The following system of grades is used to indicate the quality of one's achievement in meeting course requirements:

A — Superior	I — Incomplete
B — Very good	W — Withdrawal
C — Average	N — No grade reported by Instructor
D — Minimum passing grade	S — Passed (satisfactorily)
F — Failure	U — Failed (unsatisfactorily)
	X — Audit

An I indicates that due to circumstances beyond the student's control, the course requirements were not completed. Under the supervision of the Instructor, the work must be completed and a new grade submitted within three weeks after the date of the final exam, or the I will become an F. It is the student's responsibility to arrange for the removal of such grades. When it is physically impossible for the student to complete the course work and remove the I within the time limit, written permission for an extension of time must be obtained from the Dean.

A W is an option for only the allowed withdrawal period indicated on the academic calendar. See withdrawal policy for further information.

If a student receives an N, the Instructor should be contacted directly for the final grade.

S/U grades are used 1) for remedial courses in English and Mathematics; 2) for Reading courses in Humanities and Management; and (3) for any course taken on a pass/fail basis. Students may choose to take two elective courses on a pass/fail basis, by applying for a pass/fail grade in the office of the Dean by the date published in the academic calendar. Grades received under the pass/fail option do not affect the student's cumulative academic index.

The X grade is assigned for audited courses. A student who wishes to audit a class must obtain permission from the Instructor and the Dean and then sign up for an audit in the Dean's Office before the first day of class.

ACADEMIC INDEX

The academic index is a computation of a student's grade average. It is determined by assigning a numerical value to each letter grade, i.e., an A is worth 4 points, a B is worth 3 points, a C is worth 2 points, a D is worth 1 point and an F is worth 0 points. A grade point score for each course is calculated by multiplying the numerical equivalent of the letter grade by the number of semester hours or credits the course carries. The academic index or grade average of all courses is found by dividing the sum of the grade point scores for all courses by the total number of semester hours of course work or credits attempted. The S or U grade received under the pass/fail option is not considered in computing the cumulative academic index.

ACADEMIC PROGRESS

This policy statement establishes the guidelines within which the University will define the progress of the student for aid and funding purposes. Since final decisions rest with the granting agencies, it does not guarantee such aid.

Part-time students are making adequate progress toward the degree if they have:

- 1) Completed three-fourths of the total credits attempted, when the combined credits attempted in semesters for which funds were received total 12 or more semester hours in new course work at satisfactory levels as indicated:
 - a) completed Freshman Status (0-29 credits) — 1.50 cumulative academic index,
 - b) completed Sophomore Status (30-59 credits) — 1.75 cumulative academic index,
 - c) completed Junior Status (60-89 credits) — 1.90 cumulative academic index,
 - d) completed Senior Status (90+ credits) — 2.00 cumulative academic index.
- 2) Completed graduation requirements within a maximum of 13 years of part-time studies. A year is equal to one or more semesters for which funds were received and the combined credits attempted total 12 or more semester credits. Note that this policy does not refer to any calendar year maximum which must be met as a part of the graduation requirements.

ACADEMIC CENSURE

Academic censure is intended to be a service to the student who is in academic difficulty. It serves to alert some to the severity of their academic problem and to encourage them to seek the help and counsel they need. For others, it is the imposition of a time period away from academic endeavors to permit adjustment of priorities. Therefore, academic censure may assume any one of three forms:

- 1) Probation. A student is placed on probation who has attained a cumulative academic index of
 - a) less than 1.50 after the first or second term of the freshman year,
 - b) less than 1.75 after the first or second term of the sophomore year,
 - c) less than 1.90 after the first term of the junior year,
 - d) less than 2.00 after the second term of the junior year or during the senior year.Such a student will be continued on probation until the conditions for good academic standing have been satisfied. Students on academic probation may take no more than two courses as approved in writing by the office of the Dean.
- 2) Suspension. This is involuntary separation of the student from the University for a definite period of time, usually two semesters. No academic work during a period of suspension will be accepted for a student's academic record at the University.
- 3) Dismissal. This is involuntary separation of the student from the University for an indefinite period of time. No academic work during a period of dismissal will be accepted for a student's academic record at the University. A student is liable to suspension or dismissal when the student's cumulative academic index is
 - a) less than 1.00 during the freshman year,
 - b) less than 1.50 during the sophomore year,
 - c) less than 1.75 during the junior year,

d) less than 1.90 after the junior year; or when the student is on probation for two successive semesters.

At the completion of 85 semester hours, a student must have an academic index of 2.0 (a "C" average) in the major before being permitted to accumulate additional semester hours.

IDENTIFICATION CARD

Each new student is issued an Identification Card which is required for the use of the Library and Hayman Hall (the physical recreation center). Photo identification cards are available in the Campus Security Office in the Belfield Estate Carriage House.

REGISTRATION

The registration schedule is set forth in the official calendar and detailed instructions for registration and for the rostering of courses are supplied prior to registration. Upon completion of registration, the student is officially enrolled in the courses rostered and is financially responsible for the tuition charges. A student who registers during the late registration period is admitted to class by presenting the validated matriculation card issued at the time of registration. Late registration entails a \$10 late fee.

ROSTER PLAN

Three credit hour courses usually meet once a week for a 160 minute period which includes a 10 minute break. Four credit courses usually meet twice a week for 125 minute periods. Courses with laboratories require additional time. Exact meeting times are posted in the Course Roster for each semester. The general pattern of class periods is as follows:

Main Campus	Monday through Thursday — 6:15-8:55 P.M.
	Saturdays — 9:00-11:45 A.M.
	Saturdays — 12:30-3:15 P.M.

Six Intensive Saturdays meet every other Saturday from 9:30 A.M. - 4:30 P.M. with an hour break for lunch.

At the off-campus centers, each course normally meets one night a week as follows:

La Salle/Bucks County - Monday or Thursday 6:45-9:30 P.M.

La Salle/Northeast - Monday, Tuesday or Thursday 6:45-9:30 P.M.

La Salle on the Parkway - Monday, Wednesday or Thursday 6:00-8:45 P.M.

ROSTER REQUIREMENTS

Students in the Evening Division who maintain a satisfactory academic index are permitted to schedule a maximum of 12 credit hours in any semester. Most students, however, roster 6 credit hours each semester, and a number of students choose to take 3 credit hours. The number of courses which a student is permitted to take is dependent upon the student's ability, past academic record, program of study and time available for study.

ATTENDANCE POLICY

Students are expected to attend classes regularly. If students must be absent because of conditions beyond their control (e.g., illness or serious personal or family situations), they should explain the problem to their instructor. If an absence extends over a protracted period of time, the Dean of the Evening Division should be notified. Attendance is taken from the first regular class day regardless of the time of registration.

CHANGE IN COURSE

The student is responsible for following the sequence of courses for the curriculum in one's major field of study. If changes are desired, approval must be obtained in writing from the Department Chair and the Dean.

CHANGE IN MAJOR

Evening Division students who wish to change their major curriculum must file a written request for a Change of Major in the Dean's Office. A statement of the requirements to be met in the new major and a transfer of course work from the prior major will be sent to the student.

WITHDRAWAL

After the completion of registration, a student shall be considered to be in attendance unless an official statement of withdrawal is submitted to the Office of the Dean. A Withdrawal Form can be obtained in the Evening Division Office, or the student may send a letter to the Dean indicating the course or courses from which one is withdrawing, the reason for withdrawal and the student's signature. The date of filing the official statement of withdrawal will be considered the actual date of withdrawal. If that date is on or before the final date for withdrawal as published in the academic calendar, the student's record for the course will be marked W (withdrawn). If the date of withdrawal is after the final date for withdrawal, the student's record will be marked F (failure) unless the withdrawal has been caused by unusual circumstances and has the written approval of the Dean. Note: Neither ceasing to attend class nor notifying the instructor constitutes an official withdrawal.

EXAMINATIONS

Examinations are given at any time during the course at the Instructor's discretion, at mid-semester and at the conclusion of the semester. If a student misses any exam prior to the final exam due to circumstances beyond one's control, with the Instructor's permission, the student can make arrangements through the Evening Division Office to take a special exam.

Special exams submitted by the Instructor, can be taken by appointment in the Evening Division while classes are in session. Students must call 951-1240 to verify that a make-up exam is on file and to schedule the appointment.

Final examinations are conducted only at the times published in the examination schedule issued each semester. If students are unable to take a final exam as scheduled due to unavoidable absence, they must request approval for a special final exam from the Instructor and from the Dean. If approval is granted, the student must make arrangements through the Evening Division Office to take a special final exam submitted by the Instructor. Regular make-up exams are subject to a \$5 fee; final make-up exams are subject to a \$10 fee.

CREDIT FOR COURSES TAKEN ELSEWHERE

Course work taken at other institutions by regularly enrolled students of the Evening Division will not be accepted for credit by La Salle unless the student has had written permission in advance from the Dean to take such courses. Ordinarily, courses which fulfill the following should be taken at La Salle: Foundation, Unit I, Unit II, Unit III — UNS 350 and major requirements. This applies also for General Education and Area Distribution requirements of the old curriculum. Credit will be allowed for course(s) completed at the other institution if the quality grade point value is equivalent to or above the La Salle C grade (2.00), however the letter grade itself is not included in the computation of a student's academic index at La Salle. It is the responsibility of the student to have an official transcript of credit for approved off-campus courses sent to the Evening Division for inclusion in one's record.

CREDIT THROUGH EXAMINATION

College-Level Examination Program(CLEP)

The Evening Division participates in the College-Level Examination Program sponsored by the College Entrance Examination Board. CLEP is designed to enable the adult student to demonstrate competencies acquired in various academic disciplines without having attended formal college classes.

There are two kinds of examinations: the General and the Subject Examinations. Evening Division students are eligible to take one or more of the General Examinations accepted by La Salle — in Humanities, Natural Sciences, and Social Sciences and History — until they have completed more than 30 semester credit hours of course work, whether the credits were earned at La Salle, transferred, or awarded through examination. Students are eligible to take Subject Examinations accepted by La Salle — in English, History and Social Sciences, Foreign Languages, Science and Mathematics, and Business — so long as they have not taken comparable or more advanced courses in that discipline. Students must have permission from the Dean's Office before attempting CLEP credit. Advisors are available to help students select examinations appropriate to their course of study. Further information regarding CLEP and the University policy is available from the CLEP Center Administrator (951-1237). Candidates for admission to the Evening Division interested in taking CLEP Examinations should consult the Director of Admissions (951-1234).

The cost of taking CLEP at La Salle is \$37 per exam. A matriculated student who receives a satisfactory score will be notified of credit awarded and will be assessed an administrative fee of \$25 per credit. After the payment is received by the Bursar's Office, the Registrar will post the course and credit hours granted through CLEP on the student's record. This credit is not assigned a letter grade, nor is it computed in determining the student's cumulative academic index.

End-of-Course-Examination

Students who believe that their experience and study have trained them sufficiently to by-pass a given La Salle University course may challenge that course through an end-of-course examination. A written request should be submitted to the Department Chair who will then request the approval of the Dean. There is a \$30 charge for each examination. Students who successfully complete the examination will receive credits for the course challenged which will be posted on their La Salle transcripts upon receipt by the Bursar's Office of a \$75 administrative fee. This credit is not assigned a letter grade, nor is it computed in determining the student's cumulative academic index.

American College Testing-Proficiency Examination Program (ACT-PEP)

ACT-PEP exams enable nursing students to validate prior learning through required examinations in four areas of nursing as well as in Anatomy and Physiology and in Microbiology. (The last two exams are available by special request to nursing and non-nursing students.) Each exam carries a \$40 fee and, if successfully completed, a \$75 administrative fee (except for the Anatomy and Physiology administrative fee of \$150), after payment of which the appropriate credits are posted on one's transcript. This credit is not assigned a letter grade, nor is it computed in determining one's cumulative academic index. For further information, contact the Nursing Department (951-1430).

DEAN'S HONOR LIST

The Dean's Honor List is published in June and February of each year. Those students who have complied with all the regulations of the University and who have earned a cumulative academic index of 3.40 with at least 30 credit hours of graded course work at La Salle are placed on the Dean's List. An academic convocation is held in the Fall semester when honorary degrees are conferred, Dean's List students are recognized and all can meet informally with faculty and administrators.

REQUIREMENTS FOR DEGREES

Associate Degree

A candidate for an Associate degree must meet the following requirements:

- complete course work equivalent to a minimum of 60 credit hours, at least 30 of which have been fulfilled at La Salle University;
- fulfill all course requirements prescribed by the Dean of the Evening Division;
- have a cumulative academic index of 2.0;
- the candidate must file an application for the Associate degree one year before the completion of requirements; upon completion of requirements described above, a candidate for the Associate degree will receive a diploma at an assembly held in June.

Bachelor's Degree

A candidate for the Bachelor's degree must meet the following requirements:

- complete course work equivalent to a minimum of 120 credit hours; for all students with 60 or fewer credit hours as of September, 1985, the 120 credit hours must include at least 38 courses of three credits or more; in determining the number of courses, a course carrying six credit hours or more will be counted as equal to the lowest number of courses obtained by dividing the credit value by three;
- fulfill all Foundation, Unit Courses, and Major requirements;
- have a cumulative academic index of 2.0 overall as well as in the major courses;
- file an application for graduation one year before the expected date of graduation.

Awarding of a Second Bachelor's Degree

La Salle University will award either a B.A. or B.S. degree to a student who has already earned a Bachelor's degree from an accredited institution under the following conditions:

1. The Student has obtained written permission from the appropriate Dean and Department Chair.
2. If the student holds a Bachelor's degree from La Salle University, the student must meet substantial requirements of the major as determined at the time the student matriculates in the program leading to the second degree. A minimum of 30 credit hours is required.
3. If the student holds a degree from an institution other than La Salle, a maximum of 70 credit hours may be transferred toward the second degree. The student must fulfill all core requirements as well as substantial requirements of the major as determined at the time the student enrolls in the second degree program.

HONORS

The Bachelor's degree with honors is conferred on a student who has completed course requirements at the University with a cumulative academic index not lower than 3.40 and who has not incurred any academic censure.

- The candidate who has earned an index between 3.40 and 3.59 is graduated with the distinction Cum Laude.
- The candidate who has earned an index between 3.60 and 3.79 is graduated with the distinction Magna Cum Laude.
- The candidate who has earned an index of 3.80 or better is graduated with the distinction Maxima Cum Laude.

POLICY ON GRADUATION REQUIREMENTS

All students are expected to fulfill the requirements of the curriculum which is in place at the time of graduation. Curricular requirements will not be "grandfathered" to the time of matriculation at La Salle. Individual waivers and adjustments can be made by the Chair with notification to the Dean's office for major program requirements and by the Dean for core requirements (Foundation, General Education, and Distribution). Students will be notified of changed requirements through publications, the advisement system, and the roster.



Dean Glenda Kuhl and Assistant Dean, Edna Wilson with 1990 Recipients of Evening Division Awards. Standing left to right: Jerome Springer and Elaine Mattern. Seated left to right: Sandra Hollie, Johanna Leso and Carol Golla.

CURRICULUM

DEGREE PROGRAMS: INTRODUCTION

All degree programs have a similar structure which includes Foundation Courses, Unit Courses, Major Requirements and Free Electives:

Foundation courses in University Studies, English Composition, Literature, Philosophy, Religion, Social Science, History, Science, Computer Science, Fine Arts, and Foreign Language (Conversation and Culture) develop basic written communication skills, critical thinking skills and expose you to value oriented subjects from a variety of disciplines. Foundation courses from each department are grouped together and listed immediately after the department name in the "Course Description" section.

Unit courses are organized into 3 Units: Unit 1 — Religion and Philosophy, Unit 2 — Fine Arts, Foreign Language, History, Literature, Social Science and Unit 3 — University Studies II — UNS 350. With offerings from all departments in the Arts and Sciences, the range of options permits you to select several areas of interest and attain some depth of study outside of the major field. Some selections among the Unit courses may be required by your major (check program requirements for specific information), but in general, Unit requirements offer some flexibility so that you can participate in planning your academic program. Foundation courses may not be used to fulfill Unit requirements.

Major Requirements are those courses determined by your major department to fulfill the requirements for your degree. Major requirements vary. They may include courses outside your primary department. They may include "Controlled Electives" which allow you to choose courses from several different stated offerings, or from offerings in several different departments. Major requirements may even be organized differently; for example, Business Administration majors are required to take the introductory courses in the "Business Core" drawn from several different departments, as well as the "Professional Studies" courses in Accounting, Management, Marketing or Finance.

Free Electives offer a further opportunity to influence your own program of education. You may select courses of special interest to fulfill the free electives in your academic program.

The Curriculum Progress Chart and *The Academic Audit* are used by your advisor to review your academic progress. Examples of the Curriculum Progress Charts for the Associate in Arts, Bachelor of Arts and Bachelor of Science Degrees are included in this bulletin.

THE ASSOCIATE IN ARTS DEGREE

The Associate degree program, which includes Foundation courses, Unit courses, Allied requirements and Free Electives, is structured like the Bachelor's degree programs, but requires only half as many (60) credit hours to attain. The courses which fulfill the requirements for the Associate degree can be applied to the Bachelor's degree either upon completion of the requirements or at any time during your matriculation. The Associate in Arts in Liberal Arts includes a specially designed program of study for Pre-Business students earned in Liberal Arts or Pre-Business.

ASSOCIATE IN ARTS IN LIBERAL ARTS

Curriculum Requirements:

FOUNDATION (12 courses)

UNS 150
ENG 107
ENG 108
ENG 150 or LIT 150
1-course – Religion
1-course – Philosophy
1-course – Social Science
1-course – HIS 150
1-course – Science
1-course – Computer Science
1-course – Fine Arts
1-course – Foreign Language-
Conversation and Culture 150

UNIT 1 (2 courses)

1 course – Religion
1 course – Philosophy

UNIT II (2 courses)

2 courses in 1 of 5 possible disciplines

ELECTIVES (4 courses)

Course work of
student's choice

Curriculum Requirements for Pre-Business Students

FOUNDATION (12 courses)

UNS 150
ENG 107
ENG 108
ENG 150 or LIT 150
1 course – Religion
1 course – Philosophy
1 course – ECN 150
1 course – HIS 150
1 course – Science
1 course – CSC 151
1 course – Fine Arts
1 course – Foreign Language-
Conversation and Culture 150

UNIT I (2 courses)

1 course – Religion
1 course – Philosophy

ALLIED REQUIREMENTS

Mathematics (2 courses)
MTH 115 and 116

ELECTIVES (4 courses)

MTH 103 or 101
ECN 201
ACC 211 and 212

Associate in Arts in Liberal Arts

CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester fill in the title and number of each course which you have completed. Please take this record with you when you meet with your academic advisor.

FOUNDATION

Courses required by the major may be used only as major requirements; they may not be used to satisfy foundation or unit requirements unless specifically stated by the major.

1. University Studies I — UNS 150

2. Writing I — ENG 107 (portfolio assessment for practiced writers)

3. Writing II — ENG 108 _____
4. Literature — ENG 150 or LIT 150

5. Religion _____
6. Philosophy _____
7. Social Science _____
8. History — HIS 150 _____
9. Science _____
10. Computer Science _____
11. Fine Arts _____
12. Foreign Language — Conversation and Culture 150

UNIT I

May not be any of the religion or philosophy courses listed in fulfillment of the foundation requirement without special permission of the Dean's Office.

1. Religion _____
2. Philosophy _____

UNIT II

Two courses from one discipline named below. May not be any courses listed for foundation or major field of study.

Fine Arts

1. _____ 2. _____

Foreign Language (200 level)

1. _____ 2. _____

History

1. _____ 2. _____

Literature

1. _____ 2. _____

Social Science

1. _____ 2. _____

ELECTIVES

1. _____
2. _____
3. _____
4. _____

Associate in Arts in Liberal Arts For Pre-Business Students

CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester fill in the title and number of each course which you have completed. Please take this record with you when you meet with your academic advisor.

FOUNDATION

Courses required by the major may be used only as major requirements; they may not be used to satisfy foundation or unit requirements unless specifically stated by the major.

1. University Studies I — UNS 150

2. Writing I — ENG 107 (portfolio assessment for practiced writers)

3. Writing II — ENG 108 _____
4. Literature — ENG 150 or LIT 150

5. Religion _____
6. Philosophy _____
7. Social Science ECN 150 _____
8. History — HIS 150 _____
9. Science _____
10. Computer Science CSC151 _____
11. Fine Arts _____
12. Foreign Language — Conversation and Culture 150

UNIT I

May not be any of the religion or philosophy courses listed in fulfillment of the foundation requirement without special permission of the Dean's Office.

1. Religion _____
2. Philosophy _____

ALLIED REQUIREMENTS

Pre-business students must take MTH 115 and 116.

Mathematics

1. _____
2. _____

ELECTIVES*

1. _____
2. _____
3. _____
4. _____

**Pre-business students should elect MTH 103 or 101, ECN 201, Acc 211 & 212.*

THE BACHELOR'S DEGREE

The Evening Division's curriculum enables the student to pursue an academically valid general education and an in-depth study in a major academic field. The highly flexible program preserves the elements of a common intellectual experience appropriate to a liberal arts university while at the same time, affording the adult student freedom and choice in designing an educational experience which helps to develop knowledge skills and abilities. The program of study leading to a Bachelor's degree consists of 120 credits distributed among courses in Foundation, Unit Courses, Major Requirements and Free Electives. For all students with 60 or fewer credits as of September, 1985, the 120 credits must include at least 38 courses of three credits or more. (See Academic Policy on Bachelor's Degree Requirements). The Bachelor of Arts degree can be earned in Computer and Information Science, Economics, English, History, Humanities, Political Science/Public Administration, Psychology and Sociology. The Bachelor of Science degree can be earned in Applied Mathematics, Business Administration and Nursing. Curriculum requirements are discussed below under "Bachelor of Arts," "Bachelor of Science," "Bachelor of Science in Business Administration" and "Bachelor of Science in Nursing."

BACHELOR OF ARTS OR BACHELOR OF SCIENCE

Curriculum Requirements:

FOUNDATION (12 courses)

- UNS 150
- ENG 107
- ENG 108
- ENG 150 or LIT 150
- 1 Course – Religion
- 1 Course – Philosophy
- 1 Course – Social Science
- 1 Course – HIS 150
- 1 Course – Science
- 1 Course – Computer Science
- 1 Course – Fine Arts
- 1 Course – Foreign Language-
Conversation and Culture 150

UNIT I (3 courses)

- 1 Course – Religion
- 1 Course – Philosophy
- 1 Course – Religion or Philosophy

UNIT II (2 courses)

- 2 courses from 1 discipline

UNIT III (1 course)

- UNS 350

ELECTIVES

Course work chosen by student; number of credits needed is the number which, when added to credits required in Foundation, Unit courses, and Major, will bring total credits to 120.

Bachelor of Arts or Bachelor of Science

CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester fill in the title and number of each course that you have completed. Please take this record with you when you meet with your academic advisor.

FOUNDATION

Students are encouraged to complete foundation courses during their first 60 credit hours. Courses required by major may be used only as major requirements; they may not be used to satisfy foundation or unit requirements unless specifically listed as a major requirement.

1. University Studies I — UNS 150 _____
2. Writing I — ENG 107 (portfolio assessment for practiced writers) _____
3. Writing II — ENG 108 _____
4. Literature — ENG 150 or LIT 150 _____
5. Religion _____
6. Philosophy _____
7. Social Science _____
8. History — HIS 150 _____
9. Science _____
10. Computer Science _____
11. Fine Arts _____
12. Foreign Language — Conversation and Culture 150 _____

MAJOR REQUIREMENTS

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

UNIT I

Religion and Philosophy (three courses, two in one subject and one in the other). May NOT be any of the courses listed in fulfillment of the foundation requirements without special permission of the Dean's office.

1. Religion _____
2. Philosophy _____
3. Religion or Philosophy _____

UNIT II

Two courses from one discipline. May NOT be any courses listed for foundation or major field of study.

Fine Arts

1. _____
2. _____

Foreign Language

1. _____
2. _____

History

1. _____
2. _____

Literature

1. _____
2. _____

Social Science

1. _____
2. _____

UNIT III

University Studies II - UNS 350

ELECTIVES

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

BACHELOR OF ARTS IN EDUCATION

LaSalle University offers flexible education certification programs in elementary, special and secondary education. These programs are approved by the Pennsylvania Department of Education and accredited by the Middle States Association of Colleges and Schools.

BACHELOR OF ARTS IN EDUCATION (with certification in Elementary and Special Education)

FOUNDATION (12 courses)

- 1. Writing I ¹ ENG 107
- 2. Writing II ENG 108
- 3. Literature ENG 150/LIT 150
- 4. Religion REL 151/153/240
- 5. Philosophy PHL 151/152
- 6. Social Science ECN 150
- 7. History HIS 101/201/301
- 8. Science See List Below²
- 9. Comp. Sc. CSC151 /155
- 10. Fine Arts ART 101
- 11. Languages SPA 150
- 12. Univ. Studies UNS 150

¹ Portfolio assessment for practiced writers
² BIO 154/155/165, CHM 150 /GEO 151/
152/153/154/ HUM201/202/ PHY 150
³ May test out of CSC 151

UNIT I⁴ (3 courses)

Religion or Philosophy - two in one subject and one in the other

- 1. REL _____
- 2. PHL _____
- 3. REL or PHL _____

UNIT II⁴ (2 courses)

Two courses at 200 level or above
Social Sc. EDC 203 & EDC 204

⁴ May not be any of the courses listed in fulfillment of the foundation requirements without special permission of the Dean's Office.

UNIT III (1 course)

Univ. Studies UNS 350

MAJOR REQUIREMENTS

- 1. EDC 101
- 2. EDC 201
- 3. EDC 203 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
- 4. EDC 204 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
- 5. EDC 217
- 6. EDC 218
- 7. EDC 301
- 8. EDC 302
- 9. EDC 304
- 10. EDC 306
- 11. EDC 343
- 12. EDC 344
- 13. EDC 474 (Tr 1 Students)*
- 14. EDC 475 (Tr 1 Students)*
- 15. EDC 476 (Tr 1 Students)*
- 16. EDC 477 (Tr 1 Students)*
- 17. EDC 469 (Tr 2 Students)
- 18. EDC 479 (Tr 2 Students)

* Track 1: No Previous Teaching Experience

Bachelor of Arts In Education

CURRICULUM PROGRESS CHART

BACHELOR OF ARTS IN EDUCATION (with certification in Secondary Education - SE)

FOUNDATION (12 courses)

1. Writing I ¹ ENG 107 _____
2. Writing II ENG 108 _____
3. Literature ENG 150/LIT 150 _____
4. Religion REL 151/153/240 _____
5. Philosophy PHL 151/152 _____
6. Social Sc. ECN 150/201 POL 150/PSY 150
SOC 150/151/213 _____
7. History HIS 150 _____
8. Science See List Below ² _____
9. Comp. Sc. CSC151 /155 ³ _____
10. Fine Arts ART 101/151 MUS 101 _____
11. Languages SPA 150 _____
12. Univ. Studies UNS 150 _____

¹ Portfolio assessment for practiced writers

² BIO 154/155/165, CHM 150/
GEO151/152/153/154/HUM201/202/ PHY 150

³ May test out of CSC 151

UNIT I⁴ (3 courses)

Religion or Philosophy - two in one subject
and one in the other

1. REL _____
2. PHL _____
3. REL or PHL _____

UNIT II⁴ (2 courses)

Two courses at 200 level or above

Social Sc. EDC 203 & EDC 204 _____

⁴ May not be any of the courses listed in fulfillment
of the foundation requirements without special
permission of the Dean's Office.

UNIT III (1 course)

Univ. Studies UNS 350 _____

EDUCATION REQUIREMENTS

1. EDC 101 _____
2. EDC 203 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx _____
3. EDC 204 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx _____
4. EDC 301 _____
5. EDC 302 _____
6. EDC 304 _____
7. EDC 306 _____
8. EDC 470 _____
9. EDC 469 _____
10. EDC 479 _____

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

A program leading to a Bachelor of Science degree in Business Administration consists of a minimum of 120 credits, of which at least 40 percent, and no more than 60 percent, must be in Business and Economics. The program is designed to provide for the educational needs of students already employed in business and for those planning to enter graduate schools. While keeping in mind the student's age, experience, educational and employment goals, the program prepares the student for managerial responsibility and provides an enduring base for personal development.

Students interested in pursuing a B. S. in Business Administration will be accepted initially as pre-business students. Upon successful completion of 21 credits in Liberal Arts courses and 21 credits in lower division business courses which include ACC 211, 212, ECN 150, 201, QNT 213, 215 and LAW 202, students with a 2.25 cumulative academic index are eligible for admission into the bachelor's degree program in business administration.

This program is structured like all other Bachelor degree programs (with requirements in Foundation, Unit Courses, the Major and Electives) with one exception: the Major Requirements include both the "Business Core" and the "Professional Studies". The "Business Core" consists of courses in the several areas of business practice and in analytical methods and techniques. This foundation is intended to develop a broad understanding of business problems. The "Professional Studies" consists of 4 courses in a functional area beyond the courses required in the Business Core. An exception is the Accounting Option, for which a set of 8 course requirements has been established as necessary preparation for the Certified Public Accounting examination in Pennsylvania. You may choose your professional studies option when you apply for admission or at some time during your first two years of college.

The Curriculum follows the standards established by the American Assembly of Collegiate Schools of Business.



Jerome Springer, 1990 Sprissler Award recipient displays his plaque to his family.

Bachelor of Science in Business Administration

Curriculum Requirements:

FOUNDATION (12 courses)

UNS 150
ENG 107
ENG 108
ENG 150 or LIT 150
1 Course – Religion
1 Course – Philosophy
1 Course – ECN 150
1 Course – HIS 150
1 Course – Science
1 Course – CSC 151
1 Course – Fine Arts
1 Course – Foreign Language-
Conversation and Culture 150

ALLIED REQUIREMENT

Mathematics (2 courses)

MTH 115 and 116

BUSINESS CORE (12 courses)

Taken freshman and sophomore year — below 54 credits:

Principles of Accounting (ACC 211, 212)
Introduction to Business Statistics
(QNT 213)
Legal Environment Of Business
(LAW 202)
Statistical Information Systems
(QNT 215)

Taken junior and senior year — above 54 credits:

Managerial Economics (ECN 302)
Fundamentals of Financial Management
(FIN 300)
Introduction to Financial Markets and
Institutions (FIN 303)
Production and Operations Management
(MGT 300)
Organizational Behavior (MGT 301)
Business Policy (MGT 485)
Principles of Marketing (MKT 300)

Students are encouraged to take ECN 150 and ECN 201 prior to earning 54 credits.

PROFESSIONAL STUDIES

Specific requirements are listed for each major in the Course Description section of this Catalogue.

UNIT I (3 courses)

1 Course – Religion or
1 Course – Philosophy
1 Course – Religion or Philosophy

UNIT II (2 courses)

ECN 201 and 1 course in 1 of the 4 possible disciplines
1 Course – Fine Arts
1 Course – Foreign Language
1 Course – History
1 Course – Literature

UNIT III (1 course)

UNS 350

ELECTIVES

MTH 101 or 103 and course work chosen by student; number of credits needed is the number which, when added to credits required in Foundation, Unit Courses and the Major, will bring total credits to 120.

To achieve a balance between liberal arts and professional studies, the school limits the accounting major to no more than two elective courses in business administration and economics, and non-accounting majors to no more than six courses.

Bachelor of Science in Business Administration

CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course that you have completed. Please take this record with you when you meet with your academic advisor.

FOUNDATION

Students are required to complete foundation courses during their first 60 credit hours. Courses required by major may be used only as major requirements; they may not be used to satisfy foundation or unit requirements unless specifically listed as a major requirement.

1. University Studies I — UNS 150 _____
2. Writing I — ENG 107 (portfolio assessment for practiced writers) _____
3. Writing II — ENG 108 _____
4. Literature — ENG 150 or LIT 150 _____
5. Religion _____
6. Philosophy _____
7. Social Science, ECN 150 _____
8. History — HIS 150 _____
9. Science _____
10. Computer Science _____
11. Fine Arts _____
12. Foreign Language — Conversation and Culture 150 _____

ALLIED REQUIREMENT

- MTH 115 _____
MTH 116 _____

BUSINESS CORE (12 COURSES)

1. ACC 211 _____
2. ACC 212 _____
3. QNT 213 _____
4. QNT 215 _____
5. LAW 202 _____
6. ECN 302 _____
7. FIN 300 _____
8. FIN 303 _____
9. MGT 300 _____
10. MGT 301 _____
11. MKT 300 _____
12. MGT 485 _____

UNIT I

Religion and Philosophy (three courses, two in one subject and one in the other). May NOT be any of the courses listed in fulfillment of the foundation requirements.

1. Religion _____
2. Philosophy _____
3. Religion or Philosophy _____

UNIT II

ECN 201 _____
One course from one discipline named below. May not be a course listed for foundation or major field of study.

- Fine Arts _____
Foreign Language* _____
History _____
Literature _____

**Must be taken in same foreign language as the foundation*

UNIT III

University Studies II— UNS 350 _____

ELECTIVES

1. MTH 101 or 103 _____
2. _____
3. _____
4. _____

PROFESSIONAL STUDIES (4-8 courses)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

MBA BASIC CORE EQUIVALENTS

Note: There is a body of undergraduate coursework, drawn primarily from the Business Curriculum, which can be used to waive the 24 credits of foundation level coursework for the MBA degree. All but three of these undergraduate courses are required in the Business Core or Distribution area for all Undergraduate Business majors. The courses are as follows:

EVENING DIVISION COURSE

MBA COURSE

MTH 116	Introduction to Calculus	Math Requirement
ACC 211	Principles of Accounting, 1	ACC 502
ACC 212	Principles of Accounting, 2	
ECN 150	Introductory Economics, 1	ECN 505
ECN 201	Introductory Economics, 2	
FIN 300	Fundamentals of Financial Management	FIN 514
FIN 303	Introduction to Financial Markets and Institutions	
MGT 300	Operations Management	MGT 511
QNT 213	Introduction to Business Statistics	QNT 509
QNT 215	Statistical Information Systems	
CSC 151	Introduction to CSC	MIS 517
QNT 215	Statistical Information Systems	
MGT 301	Organizational Behavior	MGT 506
MKT 300	Principles of Marketing	MKT 518

BACHELOR OF SCIENCE IN NURSING

Gloria Ferraro Donnelly, R.N., Ph.D., F.A.A.N., Department Chair

The La Salle University Nursing Program is designed for registered nurses who wish to pursue educational goals without having to forego employment, and therefore, courses are scheduled to provide evening, day and weekend options. It is the goal of the Program to enable the nurse to promote health, harmony and increasing independence in individuals, families and communities by expanding the nurse's knowledge and skill in holistic health theories and practice. The Program focuses on the application of systems theory and the bio-psycho-social sciences to nursing care in micro and macro systems, the evaluation and use of research findings in nursing, collaboration with consumers and other health care professionals to effect change in health care delivery systems, leadership strategies that advance the state of the profession and, ultimately, the health of client systems, and the use of the nursing process in promoting self-care and healing in client systems. La Salle's Nursing Program provides the opportunity to refine critical thinking skills, to strengthen one's self concept as a person and as a nurse, and to set a course for self-directed learning and independent action, enhancing one's personal and professional growth.

Admission to the Nursing Program is limited to registered nurses and proof of RN licensure is required for admission into the Nursing Program. Also before taking Nursing Major courses, students must have completed 60 semester credit hours in arts and sciences. The following courses are prerequisite to the Nursing Major and must be included in those 60 semester credit hours:

English Composition	6 credits	Anatomy and Physiology	8 credits
Microbiology	3 credits	Psychology	3 credits
Chemistry	4 credits	Sociology	3 credits

Students may use these courses to fulfill Foundation, Unit or Elective requirements where possible. Knowledge of course content prerequisite to the Nursing Major, including the above courses, may be validated through transfer of credit or by standardized examination in accordance with Evening Division and Nursing Department policies.

To validate (and earn academic credit for) prior learning in Nursing, majors must pass a battery of Nursing examinations developed by the American College Testing Proficiency Examination Program (ACT-PEP) in accordance with the policies of the Nursing Department. Twenty semester credits in Nursing are awarded upon successful completion of validating examinations.

For every clinical nursing course, i.e. NUR 330, NUR 401, NUR 404, evidence of the following items is required: 1) current RN licensure in Pennsylvania; 2) Professional Liability Insurance in the amount of not less than one million dollars; 3) a Health Assessment to be completed by a physician or certified nurse practitioner.

Bachelor of Science in Nursing

CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester fill in the title and number of each course that you have completed. Please take this record with you when you meet your academic advisor.

FOUNDATION

Students are encouraged to complete foundation courses during their first 60 credit hours. Courses required by major may be used only as major requirements; they may not be used to satisfy foundation or unit requirements unless specifically listed as a major requirement.

1. University Studies I — UNS 150

2. Writing I — ENG 107 (portfolio assessment for practiced writers)

3. Writing II — ENG 108 _____
4. Literature – ENG 150 or LIT 150

5. Religion _____
6. Philosophy _____
7. Social Science (Sociology) _____
8. History — HIS 150 _____
9. Science (Microbiology) _____
10. Computer Science _____
11. Fine Arts _____
12. Foreign Language — Conversation and Culture 150

ALLIED REQUIREMENT

Chemistry _____

MAJOR REQUIREMENTS

- | | |
|---------------------------------|---------------|
| 1. <u>Nursing Validation I</u> | <u>10 cr.</u> |
| 2. <u>Nursing Validation II</u> | <u>10 cr.</u> |
| 3. <u>NUR 320</u> | <u>3 cr.</u> |
| 4. <u>NUR 330</u> | <u>6 cr.</u> |
| 5. <u>NUR 401</u> | <u>6 cr.</u> |
| 6. <u>NUR 404</u> | <u>6 cr.</u> |
| 7. <u>NUR 406</u> | <u>4 cr.</u> |
| 8. <u>NUR 408</u> | <u>4 cr.</u> |

UNIT I

Religion and Philosophy (three course, two in one subject and one in the other). May NOT be any of the courses listed in fulfillment of the foundation requirements without special permission of the Dean's office.

1. Religion _____
2. Philosophy _____
3. Religion or Philosophy _____

UNIT II

Psychology _____

One course from a discipline named below. May NOT be a course listed for foundation or in major field of study.

Fine Arts _____

Foreign Language* _____

History _____

Literature _____

**Must be in the same foreign language as the foundation.*

UNIT III

University Studies – UNS 350

ELECTIVES

1. Anatomy & Physiology 4 cr.
2. Anatomy & Physiology 4 cr.
3. _____
4. _____

EDUCATION CERTIFICATION

La Salle University offers flexible education certification programs in elementary, special, and secondary education.

The specific curriculum for each student will be determined by the appropriate program director on the basis of the student's academic background, teaching experience, and professional goals. Programs can be designed to meet the needs of both degreed and non-degreed students, of students seeking an Instructional I certificate, and of those wishing to add another area or specialty to their current certificate.

State certification standards require that an applicant for a teaching certificate be known by the preparing institution as a person of good moral character, possessing personal qualities, professional knowledge, and pedagogical competencies which warrant issuance of an Instructional I certificate. In addition, all applicants must meet certain physical and medical standards to obtain an Instructional I certificate to teach in Pennsylvania public schools.

Students will be required to register for either student teaching or supervised teaching depending upon their unique program requirements. Prior to acceptance into the student teaching experience, students must be recommended on the Education Department faculty. Recommendations are predicated on the successful completion of all course requirements with an overall index of at least 2.5 or better in all education course work. Secondary education majors must also maintain an index of at least 2.5 in the associated major.

Beginning in the fall of 1990, students applying for their first Instructional I certificate will be required by the Pennsylvania State Board regulations to pass appropriate sections of the National Teachers Examination (NTE). Other states may also require prospective teachers to take the NTE. For further information, call 951-1190.

GRADUATE PROGRAMS

In addition to the undergraduate degree programs described above, La Salle University offers several Master's level programs and teacher's certification programs which can be pursued at night:

Bilingual/Bicultural Studies (Spanish)

Designed for Educators and other professionals (police officers, nurses, hospital and court employees, social workers, etc.) who serve the growing Spanish speaking population in the Delaware Valley. Pennsylvania Certification in Spanish is available through this program. For further information, call 951-1593.

Business Administration — MBA

Designed to challenge the individual student and provide the opportunity for mastery of advanced management skills, building on and extending one's professional and educational experience. Certain undergraduate courses may be used to waive foundation courses in the MBA program. For further information, call 951-1057.

Education

Designed for all educators with a goal of professional excellence. It encourages the practical application of developmentally oriented knowledge and integrates professional needs and graduate course assignments. (Individualized certification programs are also available.) For further information, call 951-1593.

Nursing

The M.S.N. degree programs at La Salle University prepare advanced nurse generalists for clinician and manager/administrator roles in traditional and non-traditional settings. For further information, call 951-1430.

Advanced Nurse Generalist Tracks

- Adult Health and Illness Nursing
- Public Health Nursing
- Management/Administration

Human Services Psychology

La Salle's human services psychology program is intended for:

- the part-time student who wants a thorough grounding in the science and art of human services psychology while employed full time;
- the student who has had two or more years of post-baccalaureate work and wants the opportunity to complete studies for an advanced psychology degree, including supervised field placements, within three years;
- the person already employed in human services who needs higher level training to advance;
- the person in allied fields who desires a lateral change into human services psychology.

For further information, call 951-1270.

Religion

The graduate program in Pastoral Counseling offers two concentrations: Individual and Group Counseling; and Marriage and Family Therapy. This program is designed for ordained and lay ministers as well as for those planning careers in mental health who want to incorporate the spiritual dimension with the best therapeutic theories and skills in their clinical interventions.

The graduate program in Theological and Ministerial Studies offers concentrations in Theology, Religious Education, Pastoral Ministry, Ministry to Marriage and Family, Youth Ministry, and Liturgical Ministry. It is designed for all Christians, lay, vowed or ordained, seeking to deal with contemporary theological and ministerial challenges. For further information on graduate programs in Religion, call 951-1350.

DESCRIPTION OF COURSES

- All courses are listed alphabetically by department.
- Courses followed by a semester designation are usually offered each year during semester indicated. Courses with no designation are usually offered on a rotating basis. Consult course rosters.
- Courses listed below will ordinarily be given only when there is a minimum enrollment of 12 students.

ACCOUNTING

Department Chair: **Joseph G. Markmann, B.S., C.P.A.**

The Professional Studies Option in Accounting consists of eight courses:

Accounting 301, 302, 303, 405, 408 and three advanced courses selected in consultation with the Department Chair.

Accounting 211 Principles of Accounting, 1

3 credits

Training in the fundamental principles of recording business transactions, including a study of the presentation and interpretation of the financial data of a single proprietorship, partnership, and corporation. Usually offered fall and spring semesters.

Accounting 212 Principles of Accounting, 2

Prerequisite, ACC 101

3 credits

The relationship between understanding accounting procedures and using accounting data effectively; the interrelationships between financial statements and the methods of accumulating data for these statements and how the particular accounting methods used influence business decisions. Problems include depreciation methods, inventory valuation, alternative methods of obtaining capital and the measurement and control of costs within the corporate entity. Usually offered fall and spring semesters.

Accounting 301 Accounting Theory I

Prerequisite, ACC 212, 54 credits earned

3 credits

Theories and problems involved in proper recording of transactions and preparation of financial statements. Review of accounting cycle, discussion of financial statements, analysis of theory as applied to transactions affecting current assets, current liabilities, long-term investments, and their presentation on the balance sheet. Usually offered fall semesters.

Accounting 302 Accounting Theory II

Prerequisite, ACC 301

3 credits

Detailed presentation of theory as applied to plant and equipment, intangible assets, long-term debt, capital stock and surplus; correction of errors of prior periods; analysis of financial statements; statement of application of funds. Usually offered spring semesters.

Accounting 303 Cost Accounting

Prerequisite, ACC 212, and 54 credits

3 credits

Basic principles applied to job cost and process cost systems.

Topics include: purchasing and issuing of materials and maintenance of perpetual inventory records, control of labor, methods of distributing factory overhead expenses, evaluation of problems involved in shrinkage and idle time, forms used in job and process cost systems, and discussion of the place of cost accounting in modern enterprises. Usually offered fall semesters.

Accounting 304 Auditing

Prerequisite, ACC 302.

3 credits

(can be taken concurrently with ACC 302)

A practical presentation of modern audit practices, emphasizing the principles and objectives of an audit. Analysis of the audit basis, the best standards, objective reporting, the adoption of improved accounting standards, business controls, professional ethics, and legal liability. Usually offered spring semesters.

Accounting 310 Financial Statement Analysis

Prerequisite, ACC 212, and 54 credits

3 credits

Comparative analysis by percentages, ratios, trends, graphic reports, and projections applicable to the balance sheet and income statement. Structure and meaning of accounts and peripheral statements such as application of funds and breakeven analysis. Usually offered fall semesters.

Accounting 313 Advanced Cost Accounting

Prerequisite, ACC 303

3 credits

Economic, industrial, and managerial aspects of cost accounting with emphasis on flexible budget as basis for cost control; analysis of variance and graphic charts. Study of estimated costs, standard costs, and distribution costs. Usually offered fall semesters.

Accounting 405 Advanced Accounting Theory and Problems I

Prerequisite, ACC 302

3 credits

A study of home office and branch accounting, mergers, acquisitions and preparation of consolidated financial statements, foreign operations. Usually offered fall and spring semesters.

Accounting 406 Advanced Accounting Theory and Problems II

Prerequisite, ACC 302

3 credits

A study of special topics in accounting theory including partnerships, installment sales, estate and trust, and insolvency in connection with realization and liquidation. Usually offered fall and spring semesters.

Accounting 408 Taxation of Individuals

Prerequisite, 54 credits, and ACC 212

3 credits

Comprehensive explanation of the federal structure as it applies to individuals and the application of tax principles to specific problems. Includes types of returns, rates, business and personal income, sales and exchange, business and personal deductions, and withheld and prepaid taxes. Usually offered fall semesters.

Accounting 413 Budgetary Planning and Control

Prerequisite, ACC 302, 313 or approval of Department Chair

3 credits

Principles of business planning for financial control of future operations through use of budgetary systems. Each section of the budget is treated, the various sections are assembled, and a master budget is prepared. Types and uses of budgets are discussed. Usually offered spring semesters.

Accounting 418 Corporate and Other Taxation

Prerequisite, 408

3 credits

Reviews federal revenue system; partnership; federal corporate income tax, federal state and federal gift taxes. State of Pennsylvania corporation taxes, City of Philadelphia taxes. Usually offered spring semesters.

Accounting 419 Advanced Accounting Problems

Prerequisite, ACC 405, and 406

3 credits

Reviews advanced material covering the entire accounting field including partnership liquidations, fiduciary accounting, consolidations, federal and state taxes, municipal accounting and other problems. Usually offered fall semesters.

ART**FINE ARTS:****Art 101 Elements of Art**

3 credits

Analysis of the elements of painting, architecture and sculpture, application of principles to several major artists.

Art 270 Special Topics in Art

3 credits

Content will vary each semester. Prerequisite varies with the topic.

STUDIO COURSES**Art 350-351 Oil Painting**

3-6 credits

Introduction to basic techniques of painting, drawing, and perspective. Preparation of canvas and media. Exercises in indoor and outdoor painting.

Art 352-353 Print Making

3 credits

Introduction to basic print processes. Relief, intaglio, collograph printing, followed by mixed-media projects. Experimentation encouraged.

BIOLOGY

Department Chair: Norbert Belzer, Ph.D.

FOUNDATION COURSES

Biology 154 Ecology and Environmental Issues

3 credits

Lectures, visuals, and demonstrations to introduce basic ecological principles and environmental issues from a scientific and sociological viewpoint. Topics include: ecosystems, trophic levels and food webs, populations, natural resources, and pollution. Three hours lecture, no laboratory.

Biology 155 Life Before Birth

3 credits

Lectures, visuals, demonstrations, and student investigation will illustrate the sequential formation of the human body from production of the reproductive cells, through fertilization and organ formation, to birth. In addition, common developmental problems and their causes will be discussed. Three hours lecture, no laboratory.

Biology 156 Human Genetics

3 credits

Lectures, supplemented with visuals and demonstrations to illustrate the general principles of genetic transmission and their application. Discussion of currently developing technologies and procedures for genetic control which might have an impact on humans and of problems arising from gene and/or chromosomal abnormalities. Three hours lecture, no laboratory.

Biology 161-162 (F, S) Anatomy and Physiology

4-8 credits

A basic course in the structure and functioning of the human body with emphasis placed on the interrelationships of the major organ systems. Three hours lecture, two hours laboratory. (Offered Fall 1990 and Spring 1991; Fall 1992 and Spring 1993)

Biology 163E Clinical Microbiology

3 credits

Physical and chemical techniques available for destruction of microbes; prevention of microbial contamination; role of specific pathogens in the etiology of human disease processes; chemotherapeutic and antibiotic preparations available to assist body mechanisms. Recommended for nursing students. Two hours lecture, two hours laboratory.

CHEMISTRY

Department Chair: Thomas S. Straub, Ph.D.

FOUNDATION COURSE

Chemistry 150 Consumer Chemistry

3 credits

A non-mathematical examination of the development of fact and theory in chemistry and the utilization of chemistry by society. Topics may include: energy, pharmaceuticals, environmental effects, food additives, and synthetic materials. No prior knowledge of chemistry required.

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Chemistry 111 General Chemistry - Part 1

4 credits

Provides a firm theoretical basis for understanding the fundamentals of chemistry in the field of inorganic chemistry. Includes stoichiometry, the state of matter, thermochemistry, atomic and molecular structure, and the periodic chart. The descriptive chemistry is concerned principally with the nonmetals. Three hours lecture, three hours laboratory.

Chemistry 112 General Chemistry - Part 2

4 credits

Prerequisite, CHM 111E
Includes solutions, ionic equilibria, oxidation and reduction, electrochemistry, complex ions and nuclear chemistry. The descriptive chemistry of the metals is also covered as well as some aspects of qualitative analysis. Three hours lecture, three hours laboratory.

Chemistry 161 Chemistry of the Life Sciences

4 credits

A terminal course for students who wish to obtain a general knowledge of chemistry with emphasis on the processes in the body and in nature. Descriptive and some qualitative principles discussed. Three hours lecture, three hours laboratory. (Formerly CHM 151.)

Chemistry 201 Organic Chemistry - Part 1

Prerequisite, CHM 112

4 credits

Presents the theoretical aspects of organic chemistry and the structure, nomenclature, syntheses, and physical and chemical properties of the main classes of organic compounds. The aliphatic compounds are studied with emphasis on bond structure, reaction mechanisms, stereochemistry, and the correlation of structure with physical and spectral properties. Three hours lecture, three hours laboratory.

Chemistry 202 Organic Chemistry - Part 2

Prerequisite, CHM 201

4 credits

Monofunctional and polyfunctional aromatic compounds, and polyfunctional aliphatic compounds are considered and discussed from the viewpoint of reaction mechanisms and synthetic sequences. Both aliphatic and aromatic compounds are also treated under the three categories of substitution, addition and elimination reactions. Petroleum chemistry, proteins and carbohydrates are treated as special topics. Three hours lecture, three hours laboratory.

CLASSICS

Course listings under Foreign Languages and Literatures Department.

COMMUNICATION

Department Chair: William Wine, M.S.

Communication 201 Introduction to Mass Media

3 credits

Investigation of newspapers, magazines, radio, television, and film as mass media; influence of the medium on content; internal and external efforts at regulation.

Communication 202 Interpersonal Communication

3 credits

Through lectures, discussions, and exercises, students learn current theories of communication, and improve their skills in communicating personally and through media. Group and individual analysis of the dynamics of communication processes.

Communication 203 Media: Design and Production

3 credits

Analysis and production of visual communication through still photography, television, and film to develop skills in perception and composition of visual communication.

Communication 204 Film as Art

3 credits

Screening of films by outstanding American and foreign directors: Hitchcock, Welles, Bergman, Kurosawa, Kubrick, Allen, Scorsese, and others. Study of how the films were created, of how we may analyze them, and of how the art of film has changed through history.

Communication 206 Fundamentals of Journalism

3 credits

Reporting and interviewing techniques, newswriting, copy editing and headline writing, the editorial, the feature story, newspaper makeup and design, libel, and the responsibility of the press. Two hours lecture, one hour of field assignment weekly.

Communication 210 Dynamics of Communication

3 credits

Introduction to the theories and practices of interpersonal and group communication and public speaking. Development of skills in listening, observation, verbal and non-verbal communication, and planning, researching, and delivering the public speech.

Communication 225 The Cinema

3 credits

The motion picture as industry, as historical record, and as art. Among topics offered: the great directors, film comedy in America, film theory and criticism, film history.

Communication 270 Special Topics

3 credits

Special studies on a particular topic in communication arts offered in response to student interest. Subject matter will vary from term to term.

Communication 301 Broadcasting in America

Prerequisite, COM 201E

3 credits

A study of the structure of broadcasting in America and of its interaction with society.

Communication 302 Broadcast Newswriting

3 credits

Introduction to and application of newswriting for radio and television, including hard news, features, and documentary formats.

- Communication 303 Scriptwriting** 3 credits
Introduction to and application of scriptwriting techniques in formats appropriate for the media of radio, television, and film.
- Communication 304 Radio Production** 3 credits
Prerequisite, COM 203
Introduces students to the fundamental theories and practices of radio production. Topics include: arranging the programming day; scripting news, dramatic and commercial presentations; training of personnel for actual programming.
- Communication 305 Television Production** 3 credits
Prerequisite, COM 203
Introduction to the planning, production, and editing methods of electronic communication. Includes pre-production scripting and participation in production of videotaped television shows.
- Communication 311 Family Communication** 3 credits
Course examines the theory and practice of families, and focuses on healthy and unhealthy patterns of communication. Aside from examination of personal family experiences, course explores skills for promoting satisfying communication. (Formerly COM 422)
- Communication 312 Persuasion, Propaganda, and the Media** 3 credits
Explores the persuasion process by first examining the historical development of persuasion theory and practice in the Western world, and then focusing on persuasion in 20th century America. Students will examine the role of persuasion in public speaking, interpersonal communication, small group communication, and mass communication. Through developing an understanding of theory, method, and application, students will become critical consumers of communication, become improved practitioners, and will have a more holistic conception of how persuasion works in many contexts.
- Communication 313 Business and Professional Communication** 3 credits
Develops understanding of underlying communication processes in business and professional settings. Communication activities include: employment interviews, oral reports, impromptu and extemporaneous speeches, group discussions and proposal presentations. (Formerly COM 320)
- Communication 314 Sex Roles and Communication** 3 credits
Focuses on communication between sexes. Examines research on gender and communication in interpersonal, public, and mass media contexts. (Formerly COM 322)
- Communication 354 Oral Communication** 3 credits
Speech composition, audience psychology, and technique of delivery; emphasis on practical speaking experience and speech criticism. (Formerly ENG 254)
- Communication 401 Advertising and Public Relations Writing** 3 credits
How to write copy for print advertising and press releases, with an emphasis on creativity. The marketing process, campaign strategy, and advertising research. Preparation of a total campaign, requiring oral and written presentations in either advertising or public relations.
- Communication 404 Broadcast Seminars** 3 credits
Broadcast Regulation and Law, Future Technologies, and Communication Theories are offered as separate broadcast seminar topics. Junior and Senior students may select one or more of these topics for their seminar course(s).
- Communication 410 Human Communication Seminars** 3 credits
Designed to expose students to theories of human communication in specific settings. Among topics offered are: organizational communication, family communication, persuasion theory, communication theories and methods, intercultural communication, philosophy of communication, and gender communication.

COMPUTER ELECTRONICS

Course listings under Computer and Information Science

COMPUTER AND INFORMATION SCIENCE

Department Chair: David Brown, M.A.

Required for Major in Computer and Information Science: 15 courses

- Computer Science 155, 156, 254, 257, 355, 356, 357, 358
- Mathematics 120, 221, 240
- Two controlled electives in statistics, such as Economics 213, 214, or as approved by Department Chair.
- Two controlled electives, approved by the Department Chair and chosen from the following concentrations:
 - Computer Systems: CSC 354, 455, 457, 470
 - Information Systems: CSC 353, 354, 454
 - Business Applications: ACC 301, 302; CSC 454; QNT 215; MKT 401; MIS 381
 - Computer Hardware: EPH 350, 360, 365
 - Mathematics: CSC 256; MTH 222, 321, 341, 414, 421; PHL 325

FOUNDATION COURSES

CSC 151 Introduction to Computing with Applications

3 credits

Survey of computers and systems, data representation, problem solving using a computer. Use of several software packages including a word processor, spreadsheet, and data base management system. Applications to business and social science problems. Recommended for business and liberal arts majors.

CSC 155 Fundamentals of Computing

3 credits

Prerequisite, one semester of college mathematics (or taken concurrently)
Programming in Pascal, including data representation, control structures, Boolean and character variables, procedures, functions, arrays. Development of algorithms for problem solution with an emphasis on mathematical-scientific applications. Recommended for science, mathematics, and computer science majors.

CSC 156 Algorithm and Data Structures

3 credits

Prerequisite, CSC 155
Emphasis on development of algorithms for problem solution with programming of several non-trivial numeric and non-numeric algorithms in PASCAL. Elementary data structures: arrays, stacks, queues, linked lists, trees. Sorting and searching algorithms. Carries lab fee. Usually offered Fall and Spring semesters.

CSC 254 File and Data Management Systems

3 credits

Prerequisite, CSC 156
Introduction to COBOL language. File types and file management; introduction to sequential, indexed sequential, and random-access file structures. Carries lab fee. Usually offered Fall and Spring semesters.

CSC 257 Computer Structure and Assembly Language

3 credits

Prerequisite, CSC 156
Introduction to computer structure and architecture with programming assignments done in IBM/370 Assembly Language. Computer structure and machine language, assembly language, addressing techniques, macros, file input/output, subroutines, recursion, interrupts, error handling. Carries lab fee. Usually offered Fall and Spring semesters.

CSC 353 Systems Analysis

3 credits

Prerequisites, CSC 254, and ACC 211
Basic concepts of systems; system lifecycle; concepts of information systems-design; components; relationship of data based concepts to the information system; analysis, evaluation, and implementation problems for information systems; systems approach to providing information in traditional business functions. Usually offered Fall semesters — even years.

CSC 354 Data Structures

Prerequisite, CSC 156

3 credits

An in-depth treatment of a variety of data structures and their associated algorithms, using the “C” programming language. Stacks, queues, arrays and their address mapping functions. Linear lists, list operations, sequential and linked storage allocation, and garbage collection. Trees, binary trees, tree operations, and use of trees in sorting and searching. Multi-linked structures. Dynamic storage allocation; files and file structures; hash codes and comparison of search methods. Carries lab fee. Usually offered Fall semester — odd years.

CSC 355 Discrete Structures

Prerequisites, CSC 156 and Mth 240

3 credits

Review of set algebra including mappings and relations; algebraic structures including semi-groups and groups; elements of the theory of directed and undirected graphs; Boolean algebra and propositional logic; applications of these structures to various areas of computer science. Usually offered Fall semesters.

CSC 356 Programming Languages

Prerequisites, CSC 254 and 257

3 credits

Formal definition of programming languages including specification of syntax and semantics; simple statements including precedence, infix, prefix, and postfix notation; global properties of algorithmic languages including scope of declarations, storage allocation, binding and subroutines; list processing, string manipulation, data description, and simulation languages; run-time representation of programs and data structures. Carries lab fee. Usually offered Spring semesters.

CSC 357 Assemblers, Loaders and Compilers

Prerequisite, CSC 257

3 credits

Macros and their use. Structure and function of assemblers, linking loaders and compilers. Program subroutine linkage, parameter passing and binding. Syntax graphs and parsers. Students will design and program several examples. Carries lab fee. Usually offered Fall semesters.

CSC 358 Computer Architecture

Prerequisites, CSC 257 and MTH 240

3 credits

General computer structure from minicomputers to large-scale systems. Current and future memory technologies: internal and external storage. Stack computers, parallel computers, overlap and pipeline processing. Data communications: synchronous and asynchronous lines, protocols, networks and packet switching, multiplexing. Usually offered Spring semesters.

CSC 454 Advanced Data Processing and Data Base Management

Prerequisite, CSC 254

3 credits

Data base system architecture — data structures, storage structures, and data languages. Alternate approaches to data base management systems — relational approach, hierarchical approach and network approach. Data base security and integrity. Query processing. Carries lab fee. Usually offered fall semesters — odd years.

CSC 455 Formal Languages and Automata Theory

Prerequisite, CSC 355

3 credits

Formal languages and their description by grammars and automata: regular, context-free, context sensitive and unrestricted languages. Deterministic and non-deterministic machines. Finite state machines and their applications. Theory of translation, parsing, LL(K), LR(K) and precedence grammars. Usually offered Spring semesters — odd years.

CSC 457 Operating Systems

Prerequisite, CSC 357

3 credits

Principles and concepts of process and resource management in operating systems, I/O programming, interrupt mechanism; memory management; processor management, scheduler, traffic controller; device management and information management and file systems. Concepts illustrated in the context of modern computers. Carries lab fee. Usually offered Spring semesters — even years.

CSC 470 Selected Topics in Computer Science

Prerequisite, permission of Department Chair

3 credits

An introduction to specialized research in computers and computing, concentrating on one particular aspect of computer science which will vary from term to term.

CSC/EPH Electronic Physics 107, General Physics — III

Prerequisite, PHY 106, Corequisite, MTH 221

3 credits

Introduction to fluid mechanics, sound, thermodynamics, kinetic theory, light and quantum physics. Topics include: fluid statics and dynamics, temperature, heat, the laws of thermodynamics, kinetic theory of gases, entropy, the nature, propagation, reflection, refraction, interference, diffraction and polarization of light and quantum physics applied to light and to particles.

CSC/EPH Electronic Physics 200, Transistor and Circuit Analysis for Non-EPH Majors

Prerequisite, MTH 221

3 credits

Basics of circuit theory with emphasis on network response to sinusoidal driving function; use of active devices in electronic circuits. Topics include: steady state analysis, impedance, admittance, network theorems, transistor and diode characteristics, circuit models and configurations. Designed for CSC and non-EPH majors; EPH majors may take with permission of Department Chair. Usually offered Fall semesters.

CSC/EPH Electronic Physics 212, Circuit Theory — Part 1

Prerequisites, PHY 106, MTH 222

3 credits

Develops the basics of circuit theory with emphasis on network response to sinusoidal driving functions. Includes state variables, the sinusoidal steady state impedance, admittance, resonance, mesh and node analysis, network theorems and basic filters. Usually offered Spring semesters.

CSC/EPH Electronic Physics 312, Electronic Circuits — Part 1

Prerequisite, EPH 212

3 credits

Introduction to the use of active devices in electronic circuits. Topics include: transistor and diode characteristics, circuit models and configurations, biasing and stabilization, amplifiers, rectifiers, signal analysis in the low and mid-frequency regions. Usually offered Spring semesters.

CSC/EPH Electronic Physics 322, Circuit Theory — Part 2

Prerequisites, EPH 212, MTH 322

3 credits

Develops the techniques of network analysis with applications in communication theory. Topics include: complex frequency, Fourier and Laplace transforms, impulse response, convolution, transfer function and general network analysis by Fourier and Laplace transform techniques. Usually offered Fall semesters.

CSC/EPH Electronic Physics 342, Electronic Circuits — Part 2

Prerequisites, EPH 312, 322

3 credits

Continues the study of active devices in electronic circuits. Topics include: feedback amplifiers, oscillators, tuned circuits, high frequency amplifiers, operational amplifiers and power amplifiers. Usually offered Fall semesters.

CSC/EPH Electronic Physics 350, Digital Electronics

Prerequisite, EPH 200 or Corequisite, EPH 312

3 credits

Concerns the circuits used in computers and data acquisition systems. Topics include digital gates, logic families, digital system building blocks, combinational and sequential circuits, memory, waveform generators, A/D and D/A converters. Usually offered Spring semesters.

CSC/EPH Electronic Physics 360, Logic Design

Prerequisite, EPH 350

3 credits

Non-decimal number system introduced with special emphasis on binary arithmetic. Various codes studied in terms of geometric representations and error detection and correction properties. Boolean algebra presented. Analysis and synthesis of combinatorial logic discussed using Boolean algebra and map techniques for simplification. Analysis and synthesis of sequential logic discussed along with the development of simple digital configurations such as adders, shifters, timing level generators, parity checkers, decoders, etc. A simple discussion of timing problems, rates and delay is presented. State diagrams, transition tables and timing charts are introduced as design aids. Usually offered Fall semesters.

CSC/EPH Electronic Physics 365, Introduction to Microprocessors

Prerequisite, EPH 350

4 credits

Reviews fundamentals of coding and digital hardware; discusses architecture, hardware and software in relation to microprocessors. Topics include: Microprocessor architecture (ALU, registers, memory, bus structure, I/O); microprocessor programming (instruction set, program organization, subroutines, interrupts, DMA); peripheral hardware; systems architecture (hardware vs. software trade-offs, expansion techniques). Laboratory work with an actual microprocessor system, culminating in a project in which the student selects an application, then designs and implements a microprocessor system to satisfy the application. Usually offered Fall semesters.

CSC/EPH Electronic Physics 411, Field Theory

Prerequisite, EPH 322, MTH 322, MTH 325

3 credits

Discusses static and time-varying electromagnetic fields and leads up to wave propagation and radiation. Included are: fields in basic circuit elements and relation of field theory to the circuit theory, Maxwell's equations, reflection and refraction of waves, transmission lines and simple wave guides.

CSC/EPH Electronic Physics 420, Communications

Prerequisite, EPH 322

3 credits

Basic introduction to communication systems. Topics include: concept of information content and channel capacity, Fourier analysis and transmission through linear systems, sampling theory, digital and analog communication, signal generation, modulation and detection.

CSC/EPH Electronic Physics 460, Microprocessor Interface

Prerequisite, EPH 365

4 credits

Use of microprocessors to control external devices. Topics include: input-output(I/O) techniques, port addressing, serial, parallel, IEEE-488 interface and busses, DMA, interrupt, A/D and D/A, motor controls. Usually offered Spring semesters.

CSC/EPH Electronic Physics 480, Independent Study

3 credits

Open to students who have at least a B average and have approval from the Department Chair. The course work will involve the student in a special off-campus research project under the direction of a faculty member.

CRIMINAL JUSTICE

Course listings under Sociology and Criminal Justice Department

ECONOMICS

Department Chair: John A. Duffy, Ph.D.

Required for Major in Economics: 14 courses

- Economics 150, 201, 202, 203, 213, 214, 302 or 303, 304, 411, 412.
- Mathematics 111 and 112 or MTH 115 and 116.
- Two controlled electives in the social sciences (Political Science, Psychology, or Sociology)

Economics 150 Introductory Economics I

3 credits

A study of the economic system, including a comparison of market and command economics and consideration of the influence of government policies on economic activity. Emphasis on the U.S. economy and factors which determine employment, inflation, gross national product, and the money supply. (Formerly ECN 101E)

Economics 201 Introductory Economics II

3 credits

An introduction to microeconomic theory. Topics include: economic problems of the business firm; economic growth of society; urban problems associated with economic growth; economic approaches to ecological issues; international trade issues; economic problems of poor countries. (Formerly ECN 102E)

Economics 202 Monetary Economics

Prerequisite, ECN 150, 201

3 credits

A study of the monetary and financial system of the U.S. economy. Emphasis on the importance of the money supply, the demand for money and interest rates, along with more recent developments in the study of monetary variables. Instruments of monetary policy discussed and evaluated in the context of contemporary economic theory; the position of the American financial system in the international financial network. (Formerly ECN 201)

Economics 213 Economics and Business Statistics, 1

Prerequisite, MTH 111 and 112 or MTH 115 and 116

3 credits

Basic statistical methods used in the analysis of business and economic decision problems. Emphasis on valid applicability of techniques, sound interpretation of statistical results, as well as successful execution of statistical methods. Topics include: descriptive statistics, both graphical and numerical; probability and probability distributions; sampling distributions; statistical estimation and hypothesis testing; and simple regression and correlation. Students will be introduced to a microcomputer statistical software package. Usually offered Fall semesters. (Not for business majors)

Economics 214 Statistical Techniques in Economics and Managerial Decision Making

Prerequisite, CSC 151 and ECN 213

3 credits

Advanced statistical methods used in the analysis of economic and business decision problems. Emphasis on the role of statistics in economic and managerial decision-making, the identification of appropriate and valid statistical techniques to be used in the decision-making process, sound interpretation of statistical results, and successful execution of statistical methods. Topics: hypothesis testing; analysis of cross-classified data; analysis of variance; multiple regression and correlation; and time series analysis. Introduction to use of the SPSS statistical computer package. Usually offered Spring semesters.

Economics 301 Labor Problems in America

Prerequisite, ECN 150, 201

3 credits

Study of the sources of the union movement, its history, structure, and functions. Attention to the development of economic, political, and social power, as well as to the problems involved in the use of this power; management rights and management reaction to unions are also treated.

Economics 302 Managerial Economics

Prerequisite, ECN 150, 201; MTH 112 or MTH 116 and ECN 213

3 credits

An intermediate-level course in the theory and practice of the firm. Theory and estimation of demand, production and cost functions; market structures and pricing in theory and practice; selected aspects of linear programming; regulation and anti-trust; capital budgeting and risk analysis. Usually offered Fall and Spring semesters.

Economics 303 Intermediate Micro-Theory I: Price Theory

Prerequisite, ECN 201

3 credits

Theory of consumer behavior and of production and cost. Price determination of products in various models and of factors of production. General equilibrium theory and welfare economics. (Formerly ECN 305)

Economics 304 Intermediate Macro-Theory II: Theory of Employment, Growth, and Fluctuations

Prerequisite, ECN 201

3 credits

Techniques of measuring national income and output. Theories of aggregate demand and the equilibrium level of income or output, economic fluctuations, economic growth and inflation. Fiscal and monetary policies toward stabilization. (Formerly ECN 306)

Economics 331 International Economics

Prerequisite, ECN 150

3 credits

An introduction to the theory of international exchange, to natural and policy barriers to trade, to relations between developed and developing countries, and to international disequilibrium. Stress on the evolution of the international monetary system and selected current problems such as balance of payments, exchange standards, liquidity, and the role of international institutions. (Formerly ECN 231)

Economics 404 Public Finance

Prerequisite, ECN 201

3 credits

An analysis of the revenue and expenditure activities of government with particular emphasis on the rationale of this government activity, the method of financing and the effects of fiscal policy on allocation, distribution, efficiency, equity and stability in economy.

Economics 411 History of Economic Thought

3 credits

The detailed study of the leading economic concepts and schools of economic thought from the mercantilists up to and including Alfred Marshall.

Economics 412 Contemporary Economic Systems

3 credits

A continuation of Economics 411 through Keynesian economics; a history and analysis of socialist and Marxist thought culminating in a comparative study of the structure and function of the economies of the United States and Soviet Union.

Economics 470 Special Topics

3 credits

Concentration on a particular economic issue or aspect of economic theory. Topics will vary according to student interest and availability of faculty.

EDUCATION

Department Chair: Brother Lawrence J. Colhocker, F. S. C., Ed. D.
Director of Elementary and Special Education: Sharon Schoen, Ed. D.
Director of Secondary Education: Francis J. Ryan, Ed. D.

La Salle University offers flexible education certification programs in elementary, special and secondary education. These programs are approved by the Pennsylvania Board of Education and accredited by the Middle States Association of Colleges and Schools.

The specific curriculum for each student will be determined by the appropriate program director on the basis of the student's academic background, teaching experience, and professional goals. Programs can be designed to meet the needs of both degreed and non-degreed students, of students seeking an Instructional I certificate, and of those wishing to add another area or specialty to their current certificate.

State certification standards require that an applicant for a teaching certificate be known by the preparing institution as a person of good moral character, possessing personal qualities, professional knowledge, and pedagogical competencies which warrant issuance of an Instructional I certificate. In addition, all applicants must meet certain physical and medical standards to obtain an Instructional I certificate to teach in Pennsylvania public schools.

Students will be required to register for either student teaching or supervised teaching depending on their unique program requirements. Prior to acceptance into the student teaching experience, students must be recommended by the Education Department faculty. Recommendations are predicated upon the successful completion of all course requirements with an overall index of at least 2.0 and an index of 2.5 or better in all education course work. Secondary education majors must also maintain an index of at least 2.5 in the associated major.

Beginning in the fall of 1990, students applying for their first Instructional I certificate will be required by the Pennsylvania State Board regulations to pass appropriate sections of the National Teachers Examination. Other states may also require prospective teachers to take the (NTE). For further information, call 951-1190.

Requirements for Major in Elementary and Special Education

- * EDC 101, 201, 203, 204, 217, 218, 301, 302, 304, 306, 343, 344
- * Students required to register for student teaching must enroll in EDC 474, 475, 476, and 477. These courses are offered only in the Day Division. Students required to register for supervised teaching must enroll in EDC 469 and 479.
- * ECN 150, MUS 101, ART 101, and either HIS 101, or 201, or 301.

La Salle University offers a unique program of studies approved by the Pennsylvania Department of Education and which leads to recommendation for Instructional I certification as an elementary educator, a teacher of the mentally and/or physically handicapped (K-12), or both. The mentally and/or physically handicapped certificate enables the successful graduate to teach severely/profoundly, trainable, and learning disabled children; physically handicapped children; and brain damaged children. The elementary certificate allows graduates to teach non-handicapped students in grades K-6. All elementary and special education majors must meet with a department faculty member during preregistration period throughout the entire time of the program. This procedure insures that all students are following the prescribed sequence of courses leading to a degree and to certification. For further information, call Dr. Sharon Schoen, Director of Elementary and Special Education (951-1190).

Requirements for Major in Secondary Education

*EDC 101, 203, 204, 301, 302, 304, 306

* Students required to register for student teaching must enroll in EDC 470, which is offered only in the Day Division. Students required to register for supervised teaching must enroll in EDC 469 and 479.

* EDC 218 is required of all Comprehensive Social Studies majors.

* Courses designated for the associated major (see the Education Department brochure and the Director of Secondary Education).

La Salle University offers a program of studies that is approved by the Pennsylvania Department of Education and leads to a recommendation for Instructional I certification in Comprehensive Social Studies, Communications, English, Mathematics, Earth and Space Science, Biology, Chemistry, Physics, French, German, Italian, Latin, and Spanish. Foreign Language majors are certified to teach in grades K-12; students majoring in all other areas are certified to teach in grades 7-12. Students may be required to take some associated major courses in the Day Division. For further information call Dr. Francis Ryan, Director of Secondary Education (951-1190).

Education 101 The Role of the Developmentally-Oriented Teacher

3 credits

A field-based oriented introduction to the various roles teachers play in American education and to the developmental orientation to teaching and learning. Emphasis placed on reflective teaching experiences and journal keeping. Two hours a week in-field activity required.

Education 201 Human Exceptionality

3 credits

A study of human exceptionality, which is actually a study of being human. Examines methods used to label people, reasons why we label, and effects that labeling may have on a person, all from a multi-disciplinary perspective. Each area of exceptionality is defined and studied in terms of characteristics, causes, preventions, and intervention strategies. (Formerly EDC 141, "Introduction to Exceptional Children.")

Education 203 Educational Psychology I: Learning and Development

3 credits

Study of psychological principles as they apply to the pupil in both formal and informal instructional settings. Analysis of human development and learning theory from an educational perspective and implications of the theory for the learner, the learning process, and the instructional environment. Topics include teaching as an art and science; human development including cognitive, moral, and social development of the learner; and behavioral and cognitive learning theories. (Formerly, "The Child: Educational Psychology.")

Education 204 Educational Psychology II: Curriculum and Instructional Applications

Prerequisite EDC 203

3 credits

General curricular and instructional applications of human development and learning theories studied in EDC 203E. Topics include: curricular and instructional design, modes of instruction, the transfer and retention of learning, the motivation of learners, classroom management, individual differences, learners with special characteristics, educational tests and measurements, and the evaluation of student performance.

Education 217 Mathematics for Teachers

3 credits

A laboratory approach helps the teacher realize how children learn, do, and understand elementary mathematics. Recent research examined to identify strategies that may resolve or prevent difficulties in learning mathematics.

Education 218 Geography

3 credits

An examination of the earth. Focuses on the planet's physical phenomenon, highlights the relationship between people and their environment, and explores the pedagogical uses of this discipline for curriculum development. Required for majors in Comprehensive Social Studies/Special Education. Open to non-majors.

Education 301 General Methods and Classroom Management

Prerequisite EDC 306 and 203

3 credits

Developmental approach to establishing student-centered rather than teacher-centered curriculum in elementary, special and secondary education. Focus on basic elements of the decision-making process such as lesson planning, writing instructional objectives, questioning techniques, concept development, and education procedures, as well as classroom management strategies. (Formerly, "The Teacher: Study of Teaching.")

Education 302 Instructional Media and Technology

3 credits

Focuses on effective incorporation of modern technologies of instruction into classroom practices and examines the impact of those technologies on human growth, development, and learning. Includes media design and production, still photography, television and computers. (Formerly, "Audio Visual Aids.")

Education 304 Developmental Reading

3 credits

Provides an understanding of the developmental nature of the reading process and its relationship to the other language arts.

Education 306 The Foundations of Education: A Developmental Perspective

3 credits

Provides a basic understanding of the historical, sociological, political, philosophical, natural scientific and comparative foundations of the schooling process. (Formerly EDC102)

Education 343 Developing and Adjusting Instruction to Meet the Needs of Elementary and Special Education Learners

3 credits

Designed to help the prospective elementary and special education teacher effectively modify and individualize instruction with children with a wide range of learning needs and at varying levels of development in both academic and non-academic areas. Involves the application of relevant theoretical concepts and principles of educational psychology. Two hours a week in-field tutoring required. Students require acceptance into candidacy or permission of the Chair.

Education 344 Assessing the Learning Abilities and Disabilities of Elementary and Special Education Learners

3 credits

Enables prospective teachers to identify learning abilities and disabilities of handicapped and non-handicapped children so that they may develop appropriate instruction that maximizes the possibility that learning will occur. Focuses on both process and content areas. Evaluation of outcomes of instruction based on assessment. Two hours a week field experience required. Students require acceptance into candidacy for certification or the permission of the Chair.

Education 353 Curriculum Adjustment

3 credits

This course is broad in scope and content and focuses on the students developing their own ideas about special education by understanding current issues, approaches to teaching exceptional children and the relationship of theory to practice. Helps the students adjust the school curricula to the needs of exceptional children. Field experience in educational setting is required. (Formerly EDC 343.)

Education 354 Diagnosis and Corrections of Learning Problems

3 credits

Examines current theories of perceptual-motor, language, cognitive, academic and social development to enable students to assess a child's needs and to plan and evaluate remedial programs appropriate for children with learning problems. Field experience in educational setting is required. (Formerly EDC 344.)

Education 469 Supervised Teaching

1-3 credits

In-class observation of experienced teachers seeking initial or supplementary certification. Teachers will be observed instructing either populations (ESE program) or content area (SE program) that correspond to the certification being sought. Enrollment eligibility is determined by the appropriate program director.

Education 470 The Practice and Profession of Teaching

12 credits

Prerequisites EDC 101, 203, 204, 301, 302, 304, 306

Provides the secondary education major with full-time teaching experience in a selected junior, middle, or senior high school. Under the direction of a certified cooperating teacher and a university supervisor, the student teaches for fourteen weeks on a five-day-a-week, full-day schedule. The student teaching experience is supplemented by regularly scheduled tutorials held both on the campus of La Salle University and the placement site as well as a series of seminars on selected professional issues. The student is required to make formal application to the student teaching program. The student's application must receive the approval of the education and associated major departments. Offered only in the Day Division.

Education 474 The Professional Year: Student Teaching in Elementary Education

12 credits

Prerequisites EDC 101, 201, 203, 204, 217, 218, 301, 302, 304, 306, 343, 344

For one semester of the Professional Year, the Elementary and Special Education major is engaged in student teaching in elementary education classrooms under the guidance of experienced teachers and a university supervisor. The student must be accepted into the Professional Year by July 1 or November 1 depending upon the semester in which the student teaching will begin. The student is expected further to have completed all the required courses with a 2.5 or better average in the major and a 2.0 overall index. The student is required to make formal application to the student teaching program. The student's application must receive approval of the Education Department. Offered only in the Day Division.

Education 475 The Professional Year: Teaching and Research Methods I

3 credits

Prerequisite Acceptance into EDC 474

Course content focuses on current trends in educational research as they are applied to the art of teaching. Classroom management, mainstreaming, the integration of specific subject fields in elementary curriculum, and decisions concerning instructional strategies are examined from the perspective of the teacher/researcher. Offered only in the Day Division. Taken concurrently with EDC 474.

Education 476 The Professional Year: Student Teaching in Special Education

3 credits

Prerequisite, EDC 101, 201, 203, 204, 217, 218, 301, 302, 304, 306, 343, 344

Elementary and Special Education majors engage in student teaching in special education classrooms serving mildly, moderately, or severely mentally and/or physically handicapped children over the course of a semester. Student teachers are supervised by university faculty and experienced teachers in private or public schools located in Philadelphia or surrounding counties. The student must be accepted into the Professional Year by July 1 or November 1 depending upon the semester in which the student teaching will begin. The student is expected further to have completed all the required courses with a 2.5 or better average in the major and a 2.0 overall index. The student is required to make formal application to the student teaching program. The student's application must receive approval of the Education Department. Offered only in the Day Division.

Education 477 The Professional Year: Teaching and Research Methods II

3 credits

Prerequisite Acceptance into EDC 476

Course modules focus on data-based instruction, behavior management and instructional strategies for moderately and severely handicapped children. Sessions addressing legal issues, Music/Art/Physical Education merger concepts (i.e. regular with special education), community resources, and career planning are inserted to meet state standards, programmatic orientation, and personal needs. Offered only in the Day Division. Taken concurrently with EDC 476.

Education 479 Special Methods

Prerequisite, Acceptance into EDC 469

3 credits

Weekly seminars held either on campus or at the practicum site(s), designed to help students translate theory into practice by exploring teaching methods in the chosen area of certification. Taken concurrently with Education 469.

ELECTRONIC PHYSICS (see Computer and Information Science)

ENGLISH

Department Chair: Marjorie S. Allen, Ph.D.

Required for Major in English: 15 courses

- English 201, 202, 203, 320, 321, 324 or 424
- One controlled elective from each of the following groups:
 - English 210, 301 or 302
 - English 311 or 428
 - English 312 or 313
 - English 341 or 343
- Two electives in period courses chosen from English 422, 423, 427, 429, 430 or 432
- Three controlled electives in literature

READINESS COURSES

English 010 Fundamentals of English Composition

No credit

A review course in grammar and composition intended for those who show by examination that they are not fully prepared for English 101E. Not intended for students for whom English is a second language. Usually offered Fall and Spring semesters.

English 020 College Reading and Study Skills

No credit

Concentration on methods of improving reading and study skills. Attention is given to the development of vocabulary, mechanics of good reading habits, the formulation of study habits and schedules, and the strategies of test taking. Usually offered Fall and Spring semesters.

English 104 Effective Writing

Prerequisite, written approval of Evening Division Director of Admissions 3 credits

A course for those who need additional instruction and experience in writing. Although the course focuses primarily on the individual needs of the student, class instruction provides opportunities for emphasis on particular forms and conventions of business and academic writing. Individual conferences.

FOUNDATION COURSES (Writing and Literature)

English 107 Writing, 1

3 credits

Training in exposition; occasional papers in narration. Weekly themes; selected reading to stimulate writing; library familiarization and usage; conferences with instructor. Usually offered Fall and Spring semesters. (Formerly ENG 101)

English 108 Writing, 2

Prerequisite, ENG 107 3 credits

Writing assignments based upon readings in literature; library usage; research paper. Weekly themes; conferences with Instructor. Usually offered Fall and Spring semesters. (Formerly ENG 102)

English 150 The Literary Experience

3 credits

Reading, analysis, and discussion of the three prominent forms of literary expression — drama, poetry, and prose fiction — with attention to the cultural context of works written from the ancient world to the present. Short critical papers, some requiring use of secondary sources. (Formerly ENG 161)

See also Literature 150 under course offerings in the Department of Foreign Languages and Literatures
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English 160 Literature and the Sexes

3 credits

A study of literature as a reflection of the different ways women and men are shaped by their society and of the ways they have related to each other in the private and public spheres. Short critical papers.

English 162 Concepts of Heroism

3 credits

A discussion of the hero as a phenomenon that has appeared in various forms in literature from the earliest times to the present. Short critical papers. Usually offered Fall semesters.

English 164 Works of Major Authors

3 credits

An introduction to the works of several major figures who, because of their timeless appeal, have continued to attract and excite readers through the centuries. Readings will be drawn from English and American authors. Short critical papers. Usually offered Fall semesters.

English 166 American Dreams, American Nightmares

3 credits

A study of the literary expression of the pioneer "dreams" of progress and freedom, and the "nightmares" they became in the face of war, poverty, discrimination, and the industrial and technological revolutions. Short critical papers. Usually offered Spring semesters.

English 201 Introduction to Poetry

3 credits

A study of the uses of language in English poetry — meter, metaphor, symbol and other linguistic features — and of the major conventional forms of English poetry.

English 202 Introduction to Drama

3 credits

A survey of the development of the dramatic arts of comedy and tragedy from the ritual drama of Greece to the realism and naturalism of the 20th century.

English 203 Introduction to Fiction

3 credits

Reading, analysis and discussion of short fiction. (Formerly ENG 103)

English 205 Writing, 4

Prerequisite, ENG 108 3 credits

An exploratory course that permits students to discover and develop talent in various kinds of writing: essays, articles and reviews. Attention to a writer's methods and resources.

English 207 Creative Writing I	3 credits
Workshop in writing and evaluation of original fiction and verse.	
English 301 History of the English Language	3 credits
Origins and development of modern English from Old and Middle English; dialects and dialect geography. May be used to meet a linguistic requirement.	
English 302 Language and Prejudice	3 credits
A study of how language affects the way we view ourselves and others in our culture. Case studies of language in relation to sexism, racism and politics, supplemented by introductory concepts of language systems and stylistic analysis. (Formerly ENG 210)	
English 303 Writing for Business	3 credits
Prerequisite, ENG 108 Instruction in planning and executing effective business writing. Students learn to write the documents required of them as professionals: letters, resumes, memo proposals, abstracts and reports.	
English 304 The Grammars of English	3 credits
History of the English language and introduction to modern linguistic systems (traditional structural, transformational) as applicable to selected secondary school grammar texts.	
English 305 Creative Writing II	3 credits
A continuation of English 207. Offered in response to student interest.	
English 306 Creative Writing III	3 credits
A continuation of English 207 or 305. Offered in response to student interest.	
English 308 Professional Writing	3 credits
Prerequisite, ENG 205 or permission of instructor. Directed practice in writing feature articles, speeches, public relations materials, advertisements, pamphlets, and brochures. Intended for students interested in careers as professional writers for business and industry, either in an in-company or freelance basis.	
English 311 The Contemporary British and American Novel	3 credits
A study of the major novelists of the present century in England and America; structure and trends.	
English 312 Readings in Modern Drama	3 credits
A study of selected plays of the modern theatre with an emphasis on the forces which have shaped the drama of England, Ireland and America.	
English 313 Contemporary Poetry	3 credits
An examination of representative 20th century poetic practice in English.	
English 320 Literature of England 1	3 credits
A study of the literary movements and forms from the Old English period to the decline of Neoclassicism, with concentration on representative authors and works. (Formerly ENG 221E)	
English 321 Literature of England II	3 credits
A continuation of English 320E, beginning with the Pre-Romantics and extending through the Edwardians.	
English 324 Shakespeare's Art and Times	3 credits
Readings in Shakespeare's plays, emphasizing his success as a writer for the stage with some consideration of the cultural background.	
English 335 Women Writers	3 credits
This course examines women's literary tradition by surveying works of women writers from several historical periods.	

- English 341 Major American Authors** 3 credits
 Romantic Movement, Rise of Realism and Naturalism. Representative readings in those movements and in all forms except drama.
- English 343 American Literature: 20th Century** 3 credits
 Survey of development in poetry, fiction and criticism, including representative works of such writers as Hemingway, Fitzgerald, Faulkner, Frost, Eliot, Steinbeck and selected representatives from the 1950's to the present.
- English 411 Literary Theory and Criticism** 3 credits
 An introduction to theories of literary structure and literary value; exercises in the description and evaluation of literary works; reports on assigned readings.
- English 422 Chaucer and His World** 3 credits
 Readings in *The Canterbury Tales*; selected short readings from medieval drama, romance and allegory.
- English 423 Renaissance Literature** 3 credits
 The intellectual, political, religious and scientific ferment that accompanied the birth of Humanism and the death of the Medieval order as expressed in the works of representative writers.
- English 424 Shakespeare** 3 credits
 Intensive study of selected poems and plays, including tragedies, comedies and chronicles, exploring the dramatic, literary and historical dimensions of his art.
- English 427 Restoration and 18th Century Literature** 3 credits
 A consideration of the literary theories of the Neoclassical periods and study of the works of representative writers.
- English 428 The Novel to 1900** 3 credits
 Historical development of the genre, Defoe to Hardy. Analysis of structure and themes..
- English 429 English Literature of the Romantic Period** 3 credits
 A historical survey of Coleridge, Wordsworth, Byron, Shelley, Keats and their contemporaries.
- English 430 English Literature of the Victorian Period** 3 credits
 The chief literary figures of the period — Tennyson, Arnold, Browning, Hopkins, Carlyle, Newman, Ruskin — and their contemporaries placed against their milieu.
- English 432 Modern British Literature** 3 credits
 Drama, fiction and poetry, beginning with Shaw and Yeats and covering the major figures up to the present with some attention to the cultural, social and artistic influence which shaped this literature.
- English Special Topics** 3 credits
 Special studies on a particular literary topic. The subject matter will vary from term to term. Offered in response to student interest.

FINANCE

Department Chair: Les Barenbaum, Ph.D.

The Professional Studies Option in Finance consists of four courses beyond the introductory courses:

*FIN 304, 306

*Two advanced FIN courses from among the following: FIN 313, 314, 401, 402, 403, 407, 420

Finance 300 Fundamentals of Financial Management

Prerequisites, ACC 212, MTH 111 and 112 or MTH 115 and 116, QNT 213, 54 credits 3 credits
 An introduction to the major concepts and techniques of financial management with an emphasis on time value of money, risk analysis, capital budgeting, financial statement analysis, financial forecasting, and short-term financial management.

Finance 303 Introduction to Financial Markets and Institutions

Prerequisite, ACC 211, 54 credits 3 credits
 An introduction to the basics of institutional finance. Financial instruments are generated and traded by participants in financial markets with financial intermediaries facilitating the process. In this course the concepts, terminology and current practices in each of these three areas as well as the impact that they have on the economy are examined. (Formerly FIN 201).

Finance 304 Intermediate Corporation Finance

Prerequisite, Fin 300

3 credits

A continuation of FIN 300. Application of analytical tools and concepts to the business decision process. Case studies, a computer-based financial simulation game, and outside readings are used to bridge the gap between theory and practice.

Finance 306 Financial Markets and Instruments

Prerequisite, FIN 303

3 credits

Analysis of the flow of funds in U.S. financial markets, monetary policy, interest rate determination and the characteristics of money, capital markets and instruments.

Finance 313 Pension Planning

Prerequisite, RMI 301 or 302 and FIN 300

3 credits

An examination of private pension plans, including historical background, regulatory environment, benefits and costs. Topics include: costs computation methods, benefits formulae, inflation impact, plan membership profile, accounting and tax considerations and management of fund assets, including portfolio considerations. Profit sharing plans and individual retirement plans also covered. (Identical to RMI 313)

Finance 314 Risk Management

Prerequisite, RMI 301 and QNT 213 (or equivalent)

3 credits

Designed to acquaint the student with the nature of risk management and the role of the risk manager in business or governmental organizations. Emphasis on risk analysis and control functions: recognition, measurement and treatment. Historical and forecast financial statements are scrutinized for the purpose of risk identification. (Identical to RMI 314)

Finance 401 Investment Analysis

Prerequisite, FIN 306 or FIN 300

3 credits

Analytical techniques are used to investigate market efficiency and portfolio selection. Analysis of the bond and stock markets is conducted.

Finance 402 Speculative Markets and Portfolio Management

Prerequisite, FIN 306 or FIN 401

3 credits

The study of strategies involving the analysis and management of capital market securities, futures and options.

Finance 403E International Finance

Prerequisite, FIN 303

3 credits

The study of multinational business practice, direct foreign investment, and managerial challenges in operating abroad. Foreign exchange markets and exchange determination; international banking and balance of payment issues.

Finance 407 Working Capital Management

Prerequisite, FIN 300

3 credits

An in-depth study of 1) accounts receivable management, including the organization and management of a credit department, 2) inventory management, 3) liquidity management and the efficient use of cash.

Finance 420 Financial Management of the Insurance Firm

Prerequisites, RMI 301 or 302 and FIN 300

3 credits

A functional course emphasizing the interrelationships among underwriting, investment, regulation and other aspects of insurance company operations. Dynamic computer models are used to demonstrate effective financial management of an insurance firm. (Identical to RMI 420)

FOREIGN LANGUAGES AND LITERATURES

Department chair: Bernhardt G. Blumenthal, Ph. D.

FOUNDATION COURSE

LITERATURE IN TRANSLATION

Literature 150 Modern European and Latin American Writers

3 credits

An examination of modern French, German, Hispanic, Italian and Russian literatures in English translation. A study of attempts by representative men and women to comprehend their times and their cultures and to provide literary expression to their understanding of modern life. Selected works of prose, poetry and drama. Short critical papers.

The English Department also offers courses that fulfill the foundation requirement in Literature.

FOUNDATION COURSES

FOREIGN LANGUAGE – CONVERSATION AND CULTURE

German 150 Conversation and Culture I

3 credits

An introductory course in conversation and culture in German. Students will develop elementary level ability in speaking German and will be introduced to the heritage and culture of Germany. No prior knowledge of German is required.

Japanese 150 Conversation and Culture I

3 credits

An introductory course in conversation and culture in Japanese. Students will develop elementary level ability in speaking Japanese and will be introduced to the heritage and culture of the Japanese. No prior knowledge of Japanese is required.

Spanish 150 Conversation and Culture I

3 credits

An introductory course in conversation and culture in Spanish. Students will develop elementary level ability in speaking Spanish and will be introduced to the heritage and culture of Hispanics. No prior knowledge of Spanish is required.

Spanish 260 Conversation and Culture II

3 credits

Continuation of introductory studies in conversation and culture in Spanish. Development of ability to speak Spanish plus information on the heritage and culture of Hispanics. Assumes some prior knowledge of Spanish (approximately one semester).

Spanish 360 Reading Strategies in Spanish

3 credits

An introduction to reading strategies involving Spanish texts. Readings include short features on topical subjects. Assumes some prior knowledge of Spanish (approximately two semesters).

LITERATURE IN TRANSLATION CLASSICS

Classics 161 Greek Classics in English

3 credits

The literary history of Greece; significant Greek classics read and discussed. Knowledge of Greek not required. Texts in English. Short critical papers. Usually offered Fall semesters.

Classics 162 Latin Classics in English

3 credits

The literary history of Rome and the influence of Latin literature on western thought, including its indebtedness to the literature of Greece. Significant Latin classics read and discussed. Knowledge of Latin not required. Texts in English. Short critical papers. Usually offered Spring semesters.

FRENCH

French 161 Ideals and Ironies: Modern French Literature in English

3 credits

The rise of modernism as seen through some of the major works of the 19th Century French literature: Stendhal, Flaubert, Nerval, Baudelaire, Rimbaud, Mallarme, Huysmans and Jarry. Texts in English. Short critical papers.

French 162 Revolt and Revolution: Contemporary French Literature in English 3 credits

A study of the attempt to deal with despair and inauthenticity in France during the 20th Century as seen in some of the major works of the period: Appollinaire, Gide, Breton, Sartre, Beckett, Ionesco, Robbe-Grillet and Michaux. Texts in English. Short critical papers.

GERMAN

German 161 The German Mind: Modern Literature in English 3 credits

Selected works of prominent German writers of the Classical and Romantic ages. A composite view of the German mind of the 18th and 19th centuries. Readings from Goethe, Schiller, Kleist, Heine, and Keller. Texts in English. Short critical papers.

German 162 The German Dilemma: Contemporary German Literature in English 3 credits

Selected works of prominent German writers of the 20th century. A study of the authors' attempts to restore values to life and their search for authenticity. Readings from: Mann, Kafka, Rilke, Brecht and Grass. Texts in English. Short critical papers.

SPANISH

Spanish 161 Reality Vs. Illusion: Hispanic Literature in English 3 credits

Varying facets of a persistent theme of human existence evolve in readings from Lazarillo, and Don Quixote, and selections by Calderon, Cortazar, Borges, and Cela. Texts in English. Short critical papers.

Spanish 162 Life and Death: Hispanic Literature in English 3 credits

A persistent theme of existentialism is revealed in *Celestina* and selections by Unamuno, Lorca, Ortega, Fuentes and Neruda. Texts in English. Short critical paper.

FOREIGN LANGUAGES

FRENCH

French 101-102 Elementary French 3-6 credits

Familiarizes the student with basic rules governing French grammar and phonetics and provides practice in comprehending, speaking, reading and writing the language.

French 201-202 Intermediate French 3-6 credits

Review exercises in comprehending, speaking, reading and writing French. Cultural information on France.

GERMAN

German 101-102 Elementary German 3-6 credits

Familiarizes the student with the basic rules governing German grammar and phonetics and provides practice in comprehending, speaking, reading and writing the language.

German 201-202 Intermediate German 3-6 credits

Review exercises in comprehending, speaking, reading and writing German. Cultural information on German-speaking countries.

SPANISH

Spanish 101-102 Elementary Spanish 3-6 credits

Familiarizes the student with the basic rules governing Spanish grammar and phonetics and provides practice in comprehending, speaking, reading and writing the language.

Spanish 201-202 Intermediate Spanish 3-6 credits

Review exercises in comprehending, speaking, reading and writing Spanish. Cultural information on Spanish-speaking countries.

Spanish 301-302 Advanced Conversation and Composition 3-6 credits

Intensive oral and written exercises with a view towards improving the student's speaking and writing skills. Students make frequent use of audio aids.

FRENCH

Course listings under Foreign Languages and Literatures Department.

GEOLOGY

Department Chair: Henry A. Bart, Ph.D.

FOUNDATION COURSES

Geology 151 Planet Earth

3 credits

An introduction to the physical processes that interact to change the interior and the surface of the earth, including weathering, earthquakes, volcanoes, glaciation, marine erosion, "Continental Drift," and mountain building. Two hours lecture, two hours laboratory.

Geology 152 Earth History

3 credits

An introduction to the physical and biological processes that have modified the earth through geologic time. Emphasis will be on earth changes through geologic time, and the evolution of life from simple cells to the higher vertebrates. Laboratory experience will include study of fossils, and basic geologic principles. Two hours lecture, two hours laboratory.

Geology 153 Oceanography

3 credits

A study of the physical processes that affect the oceans of the earth. Emphasis will be on tides, currents, waves, chemistry of the sea, and geology of ocean basins. Three hours lecture.

Geology 154 Astronomy

3 credits

A contemporary view of the universe from the big bang to its possible ends, our sun and its planets, galaxies, the life and death of stars, white dwarfs, neutron stars, quasars, black holes, life on earth and the possibility of extraterrestrial intelligence.

GERMAN

Course listings under Foreign Languages and Literatures Department.

HEALTH CARE ADMINISTRATION CONCENTRATION

Coordinator: Anne Walsh, M.B.A., M.S.W.

Required for Financial Management Option: 6 courses

- HCA 370, 371, 374, 475, 480
- One course from Lower Division Business Core or approved list.

Required for Generalist Option:

- HCA 370, 371, 472, 473
- Two courses from Lower Division Business Core or approved list.
- Approved list: PHL 223, REL 323, SOC 309, RMI 311.

HCA 370 Introduction to Health Care Organization and Management

Prerequisite, 54 credits

3 credits

Analyzes the organization and administration of health care system in relation to regulatory, technological, and financial variables affecting their operation. Managerial tasks of planning, controlling, motivating, and organizing are applied to the management of health care institutions.

HCA 371 Legal Aspects of Health Care Delivery

Prerequisite, 54 credits

3 credits

Provides a fundamental orientation to the field of health care law with specific emphasis upon the duties, authority, and personal liability of the administrator in relation to the governing board, staff, and patients. Legislation and current regulations affecting the administration and delivery of services in health care institutions examined in conjunction with the legal and ethical rights of patients.

HCA 374 Health Care Accounting

Prerequisite, ACC 211, 212, and 54 credits

3 credits

Methods for identifying, controlling, and evaluating accounting data for use in health care administration. Comparison of health care accounting and accounting for industrial entities. Contribution of margin analysis, budgeting, cost accumulation techniques, and variance analysis are examined.

HCA 472 Health Care Planning and Policy Analysis I

Prerequisite, HCA 370

3 credits

Comparative analysis of international health care policies with specific emphasis upon the socioeconomic, political, and epidemiological variables influencing health care policy in the U.S.. Planning methodologies examined from the perspective of area-wide planners in relation to their impact upon the evaluation of current health policies in the U.S.. Forecasting techniques to project regional and local need for specialized, ambulatory, in-patient and long-term care services are examined within a systems perspective. Usually offered Fall semesters.

HCA 473 Health Care Planning and Policy Analysis II

Prerequisite, HCA 472

3 credits

Systems analysis of the various organizational factors influencing institutional policy formulation and managerial decision-making. Roles and relationship of the governing board, medical staff and administrator are discussed in relation to their impact upon institutional policies. Field experience and Seminar are integral components of this course.

Usually offered Spring semesters.

HCA 475 Financial Management of Health Care Institutions

Prerequisites, FIN 300; HCA 370

3 credits

Analyses the financial environment of health care institutions. Sources of revenue such as BC/BS, Medicare/Medicaid, and HMO are examined in relation to operating costs. Alternate methods of financing capital investment are explored in conjunction with capital expenditure controls.

HCA 480 Seminar in Health Care Financial Management

Prerequisite, HCA 475

3 credits

Theoretical principles of health care financial management applied in a supervised practicum in a health care institution. Selected topics related to health care financial management are examined and practicum experience is required in the seminar component.

HISTORY

Theopolis Fair, Ph.D., Chair

FOUNDATION COURSE

HIS 150 Global History

3 credits

A study of the evolution and interactions of the cultures of Europe, America, Africa, and Asia from 1500 to the present, designed to give students a greater understanding of the relationships among modern nations so necessary in today's shrinking globe.

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Required for History Majors: 15 courses History majors are required to take, in addition to the foundation course (HIS 150), a three (3) course sequence in one area of concentration (American, European, Third World), four (4) additional courses to the area of concentration, five (5) more courses from the other areas (3 from one and 2 from another), and two (2) seminars.

Recommended Courses: The Department does not require, but strongly recommends, that majors take courses in a foreign language. Many graduate schools require a language for a degree.

AMERICAN SEQUENCE

HIS 101 The United States To 1840

3 credits

Traces the unfolding of American history from colonial times through Jacksonian America. The coming of the Revolution, the Revolution and its results, the Federalist experiment, and the Jeffersonian concept of democracy.

HIS 201 The United States From 1840 to 1920

3 credits

Covers from the Jacksonian era to the end of World War I. The coming of the Civil War, the War and its results, Reconstruction, the Progressive Movement, and American involvement in World War I.

HIS 301 The United States In The 20th Century

3 credits

Covers from the end of World War I to the present. The Roaring Twenties, America between the wars, American involvement in World War II, America and Russia in the Cold War, the Vietnam era, and the U.S. and the world in the current era.

EUROPEAN SEQUENCE

HIS 102 Ancient and Medieval Europe to 1400

3 credits

Traces the unfolding of western civilization from pre-history to the Renaissance. The legacies of Greece and Rome; the heritage of both early Christian Europe and the Byzantine and Islamic civilizations; the contribution of later medieval Europe to the governmental, economic, and intellectual growth of Europe.

HIS 202 Europe From the 15th Century to Napoleon

3 credits

Surveys profound changes in political, social, economic, cultural, and religious life of European society between the 15th and the end of the 18th centuries. Decline of feudal institutions, emergence of modern European states, and discoveries in the western hemisphere.

HIS 302 Modern Europe Since 1815

3 credits

Industrialism and its impact on European society; decline of political liberalism and subsequent rise of nationalism; development of modern totalitarianism and the impact of two world wars on western society.

THIRD WORLD SEQUENCE

HIS 103 Asia, Africa, and the Americas to 1500

3 credits

Beginning with pre-history, course examines and compares such diverse civilizations as ancient Egyptian, Hindu, Buddhist, Confucian, Inca, Kushitic, Mayan, Hebraic, Islamic, and Malian.

HIS 203 Asia, Africa, and the Americas: 1500-1920

3 credits

Focuses upon imperialism and its various manifestations in the non-western world and the emerging desire for independence among colonial nations after World War I.

HIS 303 Asia, Africa, and the Americas: 1920-Present

3 credits

The devolution of European power to the independence of nation states and problems associated with that independence. North-South differences, Arab-Israeli conflict, the Cold War and the Third World, communism vs capitalism, rise of Japan, apartheid, and terrorism.

AREA I: AMERICAN HISTORY

HIS 324 History of Philadelphia

3 credits

The historical development of Philadelphia from colonial times to the present, emphasizing the way people lived, the impact of transportation upon city growth, and the changing nature of industrialization. Lectures combined with field trips. Cost of field trips requires an additional fee of \$40.00. (Formerly HIS 224E)

HIS 329 The American Woman

3 credits

An in-depth analysis of the experience of women in American culture. Special attention to the women's rights movement, women and the law and the unique challenges facing Black women. (Formerly HIS 229)

HIS 331 America's Military Past

3 credits

The impact of the America military establishment upon American society, and the formation of defense strategy and foreign policy. (Formerly HIS 231)

- HIS 333 The American Immigrant** 3 credits
The history of immigration to America and the ethnic impact upon American institutions. (Formerly HIS 233)
- HIS 337 The Black Experience in America** 3 credits
The main themes in Black history from the African experience to the present, with special attention paid to slavery, protest movements, civil rights, and Black achievement. (Formerly HIS 237)
- HIS 341 Russian-American Diplomatic History** 3 credits
This course will survey the diplomatic relations between the United States and the Soviet Union from the American Revolution to the Reagan-Gorbachev summit of 1987.
- HIS 342 History of the Western Movement in America** 3 credits
A study of the American frontier emphasizing pioneer life, federal Indian policy, and the settlement of the Great Plains and Far West. (Formerly HIS 242)
- HIS 347 Presidential Politics; Roosevelt to Reagan** 3 credits
Historical analysis of presidential campaigns from 1900-1980, stressing the evolution of political techniques, issues, political parties, and presidential personalities. (Formerly HIS 247)
- HIS 402 The American Revolution** 3 credits
An intensive analysis of concepts and movements generated in the American colonies which resulted in revolution and separation of the British settlements. (Formerly HIS 302)
- HIS 413 Jeffersonian-Jacksonian Democracy** 3 credits
A detailed analysis of the development of the American political system in an increasingly democratic society. (Formerly HIS 313)
- HIS 415 The American Civil War** 3 credits
A detailed study of the disruption of the Union, stressing the causes, personalities, and human drama of the military events leading to Appomattox. (Formerly HIS 315)
- HIS 425 America as a World Power, 1939-Present** 3 credits
The growth of government involvement at home and abroad since 1939; reading and analysis of original documents. (Formerly HIS 325)
- HIS 429 The Emergence of Modern America, 1877-1913** 3 credits
The nationalization of American life, including the building of the railroad network, the rise of industry, the labor movement, immigration, and urbanization. (Formerly HIS 329)
- HIS 447 The United States in the Pacific Basin** 3 credits
The interrelationship of the United States and the East Asian world in the modern period.

AREA II: EUROPEAN CONCENTRATION

- HIS 325 Imperialism in the Modern World** 3 credits
A study of the expansion of western nations into the world of Asia and Africa in the 19th century, and the contraction of western influence in these areas in the 20th century. (Formerly HIS 225)
- HIS 328 Women and History** 3 credits
The history of women and their changing role and position in Western Europe from the Classical Period to the 20th century. Particular attention to the development of primary institutions such as the family and motherhood. (Formerly HIS 228)
- HIS 335 Greek Civilization** 3 credits
A survey that stresses the development of Greek civilization until the death of Alexander the Great. (Formerly HIS 235)
- HIS 336 The Roman Empire** 3 credits
A survey that places a special emphasis upon the Roman Republic and the Empire until 476 A.D. (Formerly HIS 236)
- HIS 338 The Early Middle Ages** 3 credits
A study of the period from 284 A.D. until c. 1000 A.D., emphasizing the synthesis of Roman, Christian, and barbarian cultures. (Formerly HIS 238)

- HIS 339 The Later Middle Ages** 3 credits
A study of the period from c. 1000 A.D. until the Renaissance, focusing on the social, economic, intellectual, and political revival of Europe. (Formerly HIS 239)
- HIS 343 Modern Europe to 1870: The Age of Revolutions** 3 credits
A survey of Europe centered on the political and social development in Germany and France, and the impact of Russia's rise to world power. (Formerly HIS 241)
- HIS 345 Modern Europe Since 1870: The Age of Violence** 3 credits
A detailed survey of Europe in the last hundred years. (Formerly HIS 242)
- HIS 348 Slavic and Eastern European History** 3 credits
An examination of the rise of Slavic civilization and the present problems of Eastern Europe. (Formerly HIS 248)
- HIS 440 Modern Ireland** 3 credits
An examination of the major political, social, and economic developments in Ireland since the Famine of 1845. (Formerly HIS 340)
- HIS 452 The Soviet Union** 3 credits
A survey of Soviet Russia's evolution from its beginning in 1917 to the present.
- HIS 458 Recent Britain: Empire to Welfare State** 3 credits
A detailed analysis of the decay of the Empire, the rise of the welfare state, and the impact of both on English life. (Formerly HIS 358)

AREA III: THIRD WORLD/NON-WESTERN

- HIS 307 Latin America: The Colonial Period** 3 credits
A survey that treats the Inca, Aztec, and Maya cultures. African influences as well as Spanish and Portuguese contributions to the development of Latin America. (Formerly HIS 231)
- HIS 308 Latin America In Revolution** 3 credits
Revolutionary movements in Latin America from Independence to the present, with special emphasis on Cuba, Chile, Mexico, Brazil, and Central America. (Formerly HIS 232)
- HIS 325 Imperialism in the Modern World** 3 credits
A study of the expansion of western nations into the world of Asia and Africa in the 19th century, and the contraction of western influence in these areas in the 20th century. (Formerly HIS 225)
- HIS 344 Topics In African History** 3 credits
An account of the empires, tribes, and development of Africa from earliest times to the present. (Formerly HIS 244)
- HIS 346 East Asia In The Modern World** 3 credits
Changes in Modern Asia as a result of the rise of industrialism, urbanism, nationalism, and western influence. (Formerly HIS 246)
- HIS 370-470 Special Topics In Third World Areas** 3 credits
Central America, the Middle East, China, India, etc.

OTHER COURSES: Depending on the specific topic, these courses can be taken for either Area I, II, or III.

- HIS 340 Topics in Modern History** 3 credits
An examination of selected topics illustrating the political, social, and cultural history of the modern world.
- HIS 460 Directed Readings** 3 credits
Readings of certain basic books relating to a specific historical topic, theme, or era; assignments discussed in seminar-tutorial fashion
- HIS 480-485 Seminars** 3-6 credits
Methodology and historiography; bibliographical essay required.

HUMAN RESOURCE MANAGEMENT

Course listings under Management

HUMANITIES

Department Chair: Charles White, Ph.D

Required for Major in Humanities: 14 courses

- Art 101
- Humanities 201, 202, 221, 222, 223, 325, 326, 377
- One controlled elective chosen from Music 101, 110 or 206.
- Sociology 213
- Two semesters of a foreign language
- One controlled elective as approved by Department Chair.
- Each Major is requested to develop a minor concentration of six courses in either a traditional department or an area of interest. Four of these six courses should be at or above the 300 level.

Humanities 100 Readings: The Humanities

1 credit

Independent reading of five important books in literature, history and the social sciences. No regular class meetings. Essay examination for Pass-Fail grade. Usually offered Fall semesters.

Humanities 131 Readings in Urban America

3 credits

Independent study course comprising readings in history, literature and social sciences dealing with the theme of Urban America. Three regular class meetings. Monthly discussion groups and a final paper aid students in perceiving interdisciplinary relationships. Team-taught. Pass-Fail grade only.

Humanities 132 Readings: Ethnicity in American Life

3 credits

Independent study course dealing with the theme of Ethnicity in American Life. Monthly discussion groups and a final paper. Team-taught, Pass-Fail grade only.

Humanities 201 Introduction to Science, 1

3 credits

Focuses upon the development of the classical world picture. Implications of science for society are stressed. No background in science or mathematics assumed. Terminal course not intended for science majors. Usually offered Fall semesters.

Humanities 202 Introduction to Science, 2

3 credits

Focus on Time in the natural world; biological evolution theory and the history of the universe. Does not assume background in science or mathematics or Humanities 201E. Terminal course not intended for science majors. Usually offered Spring semesters.

Humanities 221 The Ancient World

3 credits

Influence of the ancient Near East upon Greek thought. Readings and discussion focusing upon the rise of the city-state and the formation of Greek culture from Homer to Aristotle. Attention to the discovery of the individual mind, the rise of tragedy and the tension between myth and philosophy in ancient society. Cross-disciplinary readings.

Humanities 222 The Medieval Mind

3 credits

An examination of the sources of Medieval culture from the collapse of the Roman Empire to the Renaissance. Includes the search for order and authority in the Church and State, the rise of the universities, the questioning of nature and the growth of vernacular culture. Emphasis upon connections and tensions in the synthesis of pagan and Christian cultures. Cross-disciplinary readings.

Humanities 223 The Renaissance Vision: The Roots of Modern Society

3 credits

An investigation of the transformation of a God-centered Medieval consciousness into a new sense of human potential and individual achievement, as reflected in the new freedom in the arts, the secularizing of politics, and the dedication of learning to the elevation of both the individual and society. Cross-disciplinary readings.

Humanities 270 Special Topics in the Humanities

3 credits

Content will vary each semester. Prerequisite varies with topic.

Humanities 325 Birthright for the Modern World

3 credits

An exploration of the intellectual and moral crisis from Descartes to Nietzsche prompted by the rise of scientism and the loss of absolutes in theology and metaphysics in early modern Europe. Focus upon the paradoxical belief in science, reason and progress in an age of subjectivity and secularism. Cross-disciplinary readings.

Humanities 326 From Revolution to Depression

3 credits

An investigation of social contract theory and the pre-industrial roots of liberalism. An exploration of bourgeois culture as it emerges from the rise of nationalism and the Industrial Revolution. Attention to the spirit of revolution and the various critics of middle class culture from Rousseau and Dickens to Marx. Cross-disciplinary readings.

Humanities 377 Our Modern World

3 credits

An analysis of the Twentieth Century's efforts to affirm human dignity while confronting the growth of alienation, the loss of values and the threat of dehumanization in the arts, education and society. Attention to the search for alternatives from Thoreau to Skinner. Cross-disciplinary readings.

LAW

Department Chair: Arthur R. Shuman, Jr., J.D.

Law 202 Legal Environment of Business

3 credits

A study of the politico-legal framework within which business operates. The nature, formation and application of law to business; the historical development and present constraints upon decision making; the interface of business and its legal settings. Legal procedure, judicial, legislative and administrative law considered in perspective. Usually offered Fall and Spring semesters.

Law 300 Approaches to the Law of Contracts

3 credits

The study of both the common law approach to contracts, which governs real estate transactions, service oriented contracts and all non-sale contracts, leases, licenses, etc. and the Uniform Commercial Code approach, which deals exclusively with contracts for the sale of goods. Usually offered Fall and Spring semesters.

Law 301 Law of Agency, Partnerships and Corporations

Prerequisite, 54 credits

3 credits

Common law and statutes relating to the creation, operation and termination of agencies, partnerships and corporations. Emphasis on the Common Law of Agency and the Business Corporation Law of Pennsylvania. Usually offered Fall semesters — even years.

Law 401 Law of Real Estate

3 credits

Common law and statutes of court process which the real estate salesman and broker encounter daily, including the legal principles applicable to the listing contract, the agreement of sale, mortgages, deeds, leases, adverse possession, easements, licenses, proving and recording title. This course has been accepted by the Pennsylvania Real Estate Commission as fulfilling the course requirements for a salesperson's license. Usually offered Fall semesters — odd years.

Law 402 Law of Negotiable Instruments

Prerequisite, 54 credits

3 credits

Application of the common law and the Uniform Commercial Code to checks, promissory notes and bills of exchange. The use of commercial paper in security transactions and in the creation of credit. The laws of principal and surety, and insurer and insured as related to the use of commercial paper. Usually offered Spring semesters — odd years.

MANAGEMENT

Department Chair: Steven I. Meisel, Ph.D.

The Professional Studies Option in Management consists of four of the following courses beyond introductory courses:

Production/Operations Management

- Management 304
- Management 305
- Quantitative Analysis 302
- Management Information Systems 381, or Management 370 (Special Topics in Production and Operations Management)

Organizational Behavior

- 3 of the following: Management 303, 306, 350, 381
Human Resource Management 300, 307
- 1 of the following: Management 404 or 480

Human Resource Management (Formerly, Personnel/Labor Relations)

- Human Resource Management 300; 301; 401
- Choose one: HRM 303; 304; 307

Management 300 Production/Operations Management

Prerequisite, MTH 111 and 112 or 115 and 116, QNT 213 and QNT 215

3 credits

Basic concepts of production/operations management including standardization of product/services, the distinction between product-oriented and process-oriented production systems, and the principles of planning, organizing and control for operating managers. Topics include: forecasting, capacity planning, product mix, plant layout, work methods, inventory theory. Exposure to quantitative techniques such as the break-even model, decision trees, linear programming, exponential smoothing, line balancing, and the economic order quantity model. Use of prepackaged computer programs. Deals with several manufacturing and service industries. Also discusses differences between the U.S. and the Japanese production systems. (Formerly, MGT 302).

Management 301 Organizational Behavior

Prerequisite, 54 credits

3 credits

Business organizations analyzed in an interpersonal setting with emphasis on the importance of work group behavior, individual behavior, supervisor behavior, intergroup behavior and organizational change. Relevant findings of behavioral science examined and related to work and productivity in a modern organization. Case discussions and readings. Usually offered Fall and Spring semesters. (Formerly, MGT 201)

Management 303 Creative Thinking and Decision Making

Prerequisite, MGT 301

3 credits

Methods, principles and techniques of how to think creatively. The use of cases for realistic application of the techniques. Comprehensive reports are required. Usually offered Fall semesters.

Management 304 Production Planning and Control

Prerequisite, MGT 300

3 credits

Extends the basic concepts of production/operations management. Includes: Design of production control systems, forecasting, production planning, process planning and control, Just-in-Time (JIT), Total Quality Control (TQC), Computer-aided Design/Computer-aided Manufacturing (CAD/CAM), Decision-Support and Expert Systems (DSS/ES), Flexible Manufacturing Systems (FMS). Applications to manufacturing industries.

Management 305 Planning and Control in Service Industries

Prerequisite, MGT 300, QNT 215

3 credits

Selected topics in operations planning and control, including: forecasting, PERT, queuing theory, line balancing and optimal overbooking in a service situation. Concepts such as the distinction between high-contract and low-contract services, services for people versus services to people, and systems- focus versus people-focus in service design are discussed. Applications to several service industries, including hospitals, banks, post-offices, schools, social service agencies.

Management 306 Corporate Planning and Management Control

Prerequisite, MGT 301

3 credits

Selected topics in operations planning and control including: forecasting, PERT, queuing theory, line balancing and optimal overbooking in a service situation. Concepts such as the distinction between high-contact and low- contact services for people versus services to people, and system focus versus people focus in service design are discussed. Applications to several service industries including hospitals, banks, post-offices, schools, social service agencies, etc., are covered.

Management 350 Interpersonal Communications

Prerequisite, MGT 301

3 credits

The art of interpersonal communication within the business world. Attention given to listening and empathy, discussion and decision making, confrontation and conflict management, creative goalsetting, individual and company growth. Usually offered Fall and Spring semesters.

Management 381 Multinational Management

Prerequisite, MGT 301

3 credits

Study of the conduct of business in foreign countries from a managerial point of view. Topics pertaining to the multinational industrial and commercial activities of American enterprises presented and discussed. The United States involvements and relations with foreign organizations such as OPEC, OCED, and ECM analyzed. United Nation regulations, commitments and protections examined. (Formerly, MGT 481).

Management 404 Entrepreneurship and Small Business Management

Prerequisites, MGT 300 and MGT 301

3 credits

Combines theory and practice in organization, development and management control of a small business through its various stages of growth. Emphasizes constraints that affect small business operation. Utilizes case studies and individual/group research projects. Usually offered Spring semesters.

Management 480 Seminar on Management Theory

Prerequisite, Senior Standing

3 credits

Stimulates the student's thinking in the non-technical aspects of business. The role of power, motivation and control within the organizational structure are the central topics of the research and discussion activity of the seminar. Usually offered Fall and Spring semesters. (Formerly, "Seminar on the Development of Management Skills").

Management 485 Business Policy

Prerequisites, Completion of the Business Core and 84 credits/Senior Standing

3 credits

Trains the student in the integration and coordination of the functional areas of business (Marketing, Finance, Production, etc.). Develops the ability to formulate goals and strategies and expands awareness of the role of the general manager. Uses case studies and a management simulation game to present and develop the concepts of corporate strategy. Usually offered Fall semesters.

MANAGEMENT INFORMATION SYSTEMS

The management department coordinates the courses in this area.

MIS 381 Decision Support and Expert Systems

Prerequisite, QNT 215

3 credits

This course is about the manager's responsibilities for problem solving and decision making in the Information Age. Topics include Methods of Decision Making and Problem Solving, Decision Support Modeling, Expert Systems Development Life Cycle, Knowledge Engineering, Meta-Knowledge, Systems Validation and Verification. The students are required to apply Decision Support and Expert Systems Software Packages in a hands-on environment.

HUMAN RESOURCE MANAGEMENT

The management department coordinates the courses in this area.

Required for Professional Studies Option in Human Resource Management: 4 courses.

- Required: HRM 300, 301, 401
- Choose one: HRM 303, 304, or 307

Human Resource Management 300 Personnel Administration

Prerequisites, MGT 301, 54 credits

3 credits

Designed to train students to analyze existing human resource programs and to adapt and develop procedures and methods which will ensure effective personnel administration. Job analysis; policy determination and administration; selection, promotion and transfer; E.E.O.; health, safety and OSHA.

Human Resource Management 301 Labor Unions- Organization and Administration

Prerequisites, MGT 301, 54 credits

3 credits

Sources of the union movement, its history, structure and function. Development of economics, political and social power; problems involved in the use of this power; management rights; management reaction to unions.

Human Resource Management 303 Employment Practices and the Law

Prerequisites, MGT 301, 54 credits

3 credits

Designed to educate future managers as to the options available in dealing with the individual in the work place. Topics: labor law, arbitration; fair employment practices; and health and safety in the work place.

Human Resource Management 304 Compensation Analysis

Prerequisite, MGT 301, 54 credits

3 credits

Study of compensation policies and practices. Emphasis on job evaluation, rate ranges, incentive plans, incentive plans, and benefit programs. Federal and state laws examined.

Human Resource Management 307 Human Resource Staffing and Development

Prerequisite, 54 credits

3 credits

The study of employee hiring procedures and the training of personnel in organizations. Examination of recruiting, selecting, interviewing, and orienting new employees. Emphasis on training and career development programs applied to specific employee groups.

Human Resource Management 401 Collective Bargaining

Prerequisite, HRM 300 or 301

3 credits

External and internal factors influencing the establishment of trade agreements and application of the provisions to day-to-day employer-employee problems. Topics include: functions of collective bargaining, its application in day-to-day operations, its characteristic processes and procedures, and the effect of the law on negotiations and the resulting trade agreement. Topics are explored and analyzed through a study of authentic cases drawn from industry. Outside reading is required. Usually offered Spring semesters.

MARKETING

Department Chair: Sharon Javie, M.B.A.

The Professional Option in Marketing consists of four courses beyond the introductory courses:

- Marketing 301, 302, 401, 402

Marketing 300 Principles of Marketing

Prerequisite, 54 credits

3 credits

An overview of marketing concepts and principles applicable to business and other organization. Factors influencing the marketing environment and buyer behavior; market segmentation and targeting. Product development, pricing, promotion and distribution to satisfy the needs of selected target markets. Usually offered fall and spring semesters. (Formerly, MKT 201).

Marketing 301 Personal Selling

Prerequisite, MKT 300

3 credits

The importance and practice of individual selling in the economy. Sales personality, the phases of a sales presentation, types of buyers and ethics in sales. Usually offered spring semesters.

Marketing 302 Advertising and Promotional Management

Prerequisite, MKT 300

3 credits

Economic and social aspects of promotion, including the important methods and techniques of research which form the basis of any promotional campaign; a practical treatment of advertising copy, layout and media; effectiveness of advertising, advertising departments and advertising agencies. Usually offered fall semester.

Marketing 303 Sales Management

Prerequisite, MKT 300

3 credits

The activities of a sales administrator in directing and controlling a sales force; recruiting, selecting, training, compensating, motivating and supervising sales personnel; establishment of sales territories, quotas and budgets.

Marketing 304 Industrial Marketing

Prerequisite MKT 300

3 credits

A systematic analysis of the differences between industrial and consumer markets. Strategic orientation of industrial companies and its effect on product, price, promotion, and distribution decisions. The impact of international competition on industrial markets.

Marketing 401 Marketing Research

Prerequisite, MTH 111 and 112 or 115 and 116, QNT 213, MKT 300

3 credits

The use of scientific methods in the solution of specific marketing problems and in the conduct of general market research studies: methods of marketing research, gathering data, tabulation and analysis, interpretation of results and report presentation. Usually offered Spring semesters.

Marketing 402 Marketing Management

Prerequisite, MKT 301, 302, 401 or permission of the instructor

3 credits

Integrates all other Marketing courses. Study of actual business cases employing managerial approach to marketing, emphasis on decision making and the strategies used by the marketing manager in adapting marketing mix to rapidly changing conditions. Usually offered Fall semesters.

Marketing 405 Marketing Channels

Prerequisite, MKT 300

3 credits

The marketing approach to physical distribution focusing on transportation, warehousing, channels, physical distribution systems, geography, material handling and planning and their effect on successful marketing.

MATHEMATICS

APPLIED MATHEMATICS

Department Chair: Edward J. Nolan, Sr., Ph.D.

Required for Major in Applied Mathematics: 15 courses

- Computer Science 155
- Mathematics 120, 221, 222, 240, 322, 341, 413
- 3 controlled electives chosen from MTH 321, 325, 424, 427
- 2 advanced courses in Mathematics selected in consultation with Department Chair.
- Chemistry 111, 112 or Physics 105, 106 (fulfilled in Distribution Area 5)

Mathematics 101 Intermediate Algebra

3 credits

Algebraic operations, linear and quadratic equations, exponents and radicals, elementary functions, graphs, systems of linear equations. Note: Not to be taken to fulfill distribution or major requirements in mathematics or science. Students who have other college credits in mathematics must obtain permission of the Department Chair to enroll in this course. Usually offered Fall and Spring semesters.

Mathematics 103 Mathematics Practicum

3 credits

This course encompasses math awareness, basic linear and quadratic equations, exponents and radicals, elementary functions, graph, systems of linear equations. This is a team taught, individually paced, competency course which may take more than one semester to complete. (This course is not to be taken to fulfill distribution or major requirements in mathematics or science.) Entry into the course is determined by placement scores, by the length of time since taking the last formal mathematics course and by advisor or faculty recommendation. Includes the course content of MTH 101.

Mathematics 105 Algebra and Trigonometry-Part 1

3 credits

Prerequisite, MTH 103 or successful completion of Mathematics entrance examination for Math, Electronic Physics and Computer Science majors.

The topics include an introduction to sets, inequalities, sequences, limits, algebraic structures and complex numbers. Usually offered in the Fall semesters.

Mathematics 106 Algebra and Trigonometry-Part 2

3 credits

Prerequisite, MTH 105 with a grade of "C" or better.

This course is a continuation of MTH 105. Designed to give the student in-depth knowledge of trigonometry and certain transcendental functions in preparation for the calculus sequence. Topics include trigonometric functions, identities, logarithmic and exponential functions, and complex quantities. (Formerly, MTH 113) Usually offered in the Spring semesters.

Mathematics 115 Finite Mathematics

Prerequisite, MTH 101 or 103 with a grade of "C" or better.

3 credits

Topics include: linear systems, matrices and linear programming, permutations, combinations, and elementary probability. Intended for business and liberal arts majors, who have had at least two years of high school algebra. Usually offered Fall and Spring semesters.

Mathematics 116 Introduction to Calculus

Prerequisite, MTH 115 with a grade of "C" or better.

3 credits

Fundamentals of differential and integral calculus with applications to the management and social sciences. Usually offered Fall and Spring semesters.

Mathematics 120 Analytic Geometry and Calculus-Part 1

Prerequisite, MTH 106 with a grade of "C" or better or permission of Department Chair.

4 credits

The first of a series of three courses in analytic geometry and calculus in which an integrated treatment is given concepts of analytic geometry; graphs of functions; the derivative with application to curve tracing; maxima and minima; velocity, acceleration and rates; differentials; approximate values and integration. Usually offered Fall and Spring semesters.

Mathematics 221 Analytic Geometry and Calculus-Part 2

Prerequisite, MTH 120 with a grade of "C" or better.

4 credits

Topics considered are the transcendental functions, methods of integration, improper integral, plane analytic geometry and polar coordinates. Usually offered Fall and Spring semesters.

Mathematics 222 Analytic Geometry and Calculus-Part 3

Prerequisite, MTH 221 with a grade of "C" or better.

4 credits

Topics considered are parametric equations; vector functions and their derivatives; partial differentiation and applications; infinite series. Usually offered Spring semesters.

Mathematics 240 Linear Algebra

Prerequisite, MTH 120 with a grade of "C" or better.

3 credits

Matrix algebra; determinants; finite dimensional vector spaces; characteristic roots and characteristic vectors; introduction to abstract vector spaces and linear transformations. Usually offered Fall and Spring semesters.

Mathematics 321 Advanced Calculus

Prerequisite, MTH 222, 240 with a grade of "C" or better.

3 credits

Line integral; the differential; continuation of vector calculus, theorems of Green, Gauss and Stokes; multiple integral; uniform convergence; series of real-valued functions. Usually offered Spring semesters — even years.

Mathematics 322 Ordinary Differential Equations

Prerequisite, MTH 222 with a grade of "C" or better, or permission of Department Chair.

3 credits

An extended treatment of ordinary differential equations with applications to the physical sciences. Topics are: linear differential equations with constant and variable coefficients; simultaneous equations; series solutions. Usually offered Fall semesters — odd years.

Mathematics 325 Topics in Applied Mathematics-Part 1 Orthogonal Functions and Boundary Value Problems

Prerequisite, MTH 322 with a grade of "C" or better.

3 credits

Orthogonal functions, Fourier Series and integrals; Laplace Transforms; boundary value problems; Bessel functions and Legendre polynomials with applications. Usually offered Fall semesters — even years.

Mathematics 333 Modern Geometry

Prerequisite, MTH 341 or permission of the Instructor.

3 credits

An introduction to Non-Euclidean Geometry. Emphasis is placed on projective geometry. Topics include: axiomatic systems, Harmonic elements, cross ratio, perspectives and the projective theory of conics. Usually offered Fall semesters — odd years.

Mathematics 341 Abstract Algebra

Prerequisite, MTH 222, 240

3 credits

Emphasis is placed upon the axiomatic method; selected topics prepare the student for further work in mathematics and physical science. Topics include number theory, set and group theory, vector spaces and elementary field theory. Usually offered Spring semesters — odd years.

Mathematics 413 Probability and Statistics

Prerequisite, MTH 222, 341

3 credits

Probability and statistics based on set theory. Sample spaces, binomial distribution, correlation, sampling theory, random variables.

Mathematics 421 Numerical Analysis

Prerequisite, MTH 322, or taken concurrently; or permission of the instructor.

4 credits

Difference methods and polynomial curve fitting; method of least squares; numerical solution of algebraic and transcendental equations; numerical differentiation and integration; numerical solution of ordinary differential equations.

Mathematics 424 Topics in Applied Mathematics-Part 2 Complex Variables

Prerequisite, MTH 325 with a grade of "C" or better.

3 credits

Analytic functions; exponential and algebraic functions and their geometry. Cauchy-Goursat Theorem, Taylor and Laurent series, residues and poles, conformal mapping and applications, analytic continuation, inverse transforms by contour integration.

Mathematics 427 Topics in Applied Mathematics-Part 3

Prerequisite, MTH 325, or permission of Department Chair.

3 credits

Special functions of mathematical physics; integral transforms, Laguerre and Hermite polynomials; applications to physical problems. Usually offered Spring semesters — even years.

MILITARY SCIENCE

LA SALLE UNIVERSITY RESERVE OFFICER TRAINING CORPS (ROTC) PROGRAM

Department Chair: Lt.Col.James H. Dent, M.S., M.A.

Professor of Military Science

PURPOSE: The La Salle University ROTC Program is designed to develop and train students in organizational leadership and management. Qualified full-time students (day or evening) can earn a commission as a second lieutenant in the Active Army, Army Reserve, or Army National Guard while concurrently satisfying the academic requirements for a baccalaureate or graduate degree. The program is divided into two sections: the first two years, called the Basic Course, and the second two called the Advanced Course.

The Basic Course, open to all freshmen, sophomores, and graduate school bound juniors, provides entry level orientation and instruction in general military subjects and leadership, and has for its academic base American Military History and Military Geography. There is no obligation or commitment incurred for participation in the Basic Course.

Advanced Course students receive instruction designed to enhance organizational leadership abilities, reinforce managerial, supervisory and accountability skills and further develop the individual's foundation of military knowledge and personal development. The highlight of this instruction is the student's attendance at the six-week ROTC Advanced Camp at Fort Bragg, North Carolina. This camp period presents the student with a series of rigorous leadership challenges in which the students compete with cadets from 111 other colleges and universities for honors in leadership, land navigation, physical fitness, military skills, marksmanship and overall performance. While attending camp, cadets are paid \$600.00 plus. While enrolled and participating as an Advanced Course cadet, students receive a grant of approximately \$1000.00 per year. Upon satisfactory completion of the Advanced Course, Advanced Camp, and all other ROTC requirements, the student is offered a commission as an Army Second Lieutenant.

Prerequisites: For admission to the Basic Course, a student must be a freshman or sophomore, or be able to demonstrate the ability to enter the Advanced Course upon completion of the Basic Course. Admission of any student recognized as an academic junior must be approved by the Professor of Military Science.

The Advanced Course is open to any qualified full-time graduate or undergraduate student who has at least two years of academic study remaining and has completed the Basic Course or its equivalent. Basic Course equivalency can be granted for prior Active, Reserve, National Guard military service. Additionally, students can receive this equivalency by attending a six-week ROTC summer Basic Camp at Fort Knox, Kentucky. Following a successful completion of this challenging program, the student is eligible to enter the ROTC Advanced Course. Attendance at the ROTC Basic Camp incurs no military obligation or requirement to enroll in the ROTC Advanced Course. All students must possess a GPA of 2.0 or higher for admittance. To successfully complete the Military Science Course, the baccalaureate degree and the completion of five Professional Military Education Courses are required. These PME courses are Written Communication, Human Behavior, Military History, Computer Literacy, and Math Reasoning.

CURRICULUM:

- Military Science 101 Military Science — Year 1, The History of Military Art** 1 credits
The art of war from ancient times to the present. A study of military operations and the evolution of military theory and institutions. One hour leadership laboratory. Usually offered Fall semesters.
- Military Science 102 Military Science — Year 1, American Military History** 2 credits
Examines the how and why of American involvement in wars from the Revolution to Vietnam. One hour leadership laboratory. Usually offered Spring semesters.
- Military Science 201 Military Science — Year 2, Military Geography** 2 credits
A study of tactical military geography to include a study of map reading and geomorphology. Class discusses and practices the essence of orienteering, land navigation and map reading. One hour leadership laboratory. Usually offered Fall semesters. (Formerly MSC 202E)
- Military Science 202 Military Science — Year 2, Military Geography (Continued)** 1 credits
The estimate of national power and the role of geopolitics examined in the framework of American military operations and the national security structure of the U.S. and formulation of national policy. One hour leadership laboratory. Usually offered Spring semesters. (Formerly MSC 201E.)
- Military Science 301 Advanced Military Science — Year 3, Military Leadership** 3 credits
Prerequisite, Permission of Department Chair
Introductory course examining the principles of leadership. Includes case studies of successful junior army leaders, followed by situational exercises with students assuming increasingly challenging leadership positions. One hour leadership laboratory mandatory. Usually offered Fall semesters.
- Military Science 302 Advanced Military Science — Year 3, Military Leadership (Continued)** 3 credits
Prerequisite, Permission of Department Chair
Analyzes the role of the leader by examining small unit operations of an infantry platoon. After studying the theory of operations, students are placed in leadership positions and given situations to analyze. One hour leadership laboratory mandatory. Usually offered Spring semesters.
- Military Science 401 Advanced Military Science-Year 4, Principles of Organizational Leadership** 3 credits
Prerequisite, Permission of Department Chair
Scientific approach to the study of leadership. Center on the leader as the focal element in organizational goal accomplishment. One hour leadership laboratory mandatory. Usually offered Fall semesters.
- Military Science 402 Advanced Military Science-Year 4, Principles of Organizational Leadership (Continued)** 3 credits
Prerequisite, Permission of Department Chair
Interactive roles of the leader. Includes management by the junior officer, command and staff responsibilities and relationships, military law, logistics, maintenance and administration. One hour leadership laboratory mandatory. Usually offered Spring semesters.

MUSIC

FINE ARTS:

- Music 101 The Art of Listening** 3 credits
Concise introduction to the essential elements of music, focusing on its language, forms, styles and genres. Designed to encourage perceptive and involved listening as well as investigating how music is put together. Ideally suited to the general student as an introductory course.
- Music 110 Jazz** 3 credits
Jazz from New Orleans Dixieland to contemporary innovations. The evolution of jazz styles and forms, including Dixieland, Ragtime, Boogie-Woogie, Swing, Bop, Cool, Funky, and some recent jazz-rock trends. Live guest performances in class. No prerequisite; recommended as an introductory course for non-music majors.
- Music 206 The Symphony** 3 credits
Orchestral music from Bach to Stravinsky. A survey of orchestral literature beginning with the orchestral suite and concerto grosso, through Mozart, Beethoven, the romantics and post-romantics. No prerequisite; excellent introductory course for non-music majors.
- Music 270 Special Topics in Music** 3 credits
Content will vary each semester. Prerequisite varies with the topic.

NURSING

Department Chair: Gloria Ferraro Donnelly, R.N., Ph.D., F.A.A.N.

MAJOR REQUIREMENTS (49 credits)

*Nursing Validation I Posted 10 cr.

**Nursing Validation II Posted 10 cr.

NUR 320 3 cr.

NUR 330 6 cr.

NUR 401 6 cr.

NUR 404 6 cr.

NUR 406 4 cr.

NUR 408 4 cr.

*ACT-PEP #403 (Fundamentals of Nursing) and #457 (Maternal-Child Nursing)

**ACT-PEP #554 (Adult Nursing) and #503 (Psychiatric/Mental Health Nursing)

Nursing validation credits must be posted on your La Salle transcript before you register for the first nursing course with a clinical component (NUR 330).

Nursing 320 Nursing Human Systems: Holistic Orientations

Prerequisite, Successful Validation of Prior Learning in Nursing

3 credits

A General Systems Theory view of developing human systems, the person and the family presented and contrasted with other models of viewing the person, including current nursing models. Impact of theoretical perspectives on nursing practice explored. Medical model and holistic health orientations in care giving contrasted. Nursing theory and nursing process viewed from a holistic health orientation.

Nursing 330 Nursing Human Systems in Health: Theory and Practice

Prerequisite, NUR 320

6 credits

Emphasis given to increasing the theory and skill base of the nurse in health assessment of human systems. Wide range of assessment tools, including the health history, physical assessment techniques and psychosocial assessment tools explored and utilized in a variety of clinical and community settings. Special emphasis on the effective use of assessment data in health maintenance and health promotion interventions. Carries lab fee.

Nursing 401 Nursing Human Systems in Stress: Theory and Practice

Prerequisite, NUR 330

6 credits

Theories of stress and its effects on individual and family systems presented. Research findings relating stress to disease onset and impaired healing emphasized. Non-invasive, self-care, self-regulation therapeutic modalities explored and practiced as nursing interventions for systems in stress, in a variety of clinical settings. Carries lab fee.

Nursing 404 Public Health Nursing: Theory and Practice

Prerequisite, NUR 401

6 credits

Emphasis on the analysis of community systems from the perspective of health promotion, restoration and maintenance. Systems Theory used to analyze the health needs and resources of a designated population. Students investigate operating systems and apply the nursing process to a community health system to effect appropriate change. Laboratory component conducted in day hours only. Carries lab fee. (Formerly, "Nursing and Community Systems: Theory and Practice.")

Nursing 406 Nursing Issues in Health Care Delivery Systems: Leadership and Change

Prerequisite, NUR 320

4 credits

Traditional and emerging care delivery systems in which nurses' practice is analyzed from a General Systems perspective. Comparisons drawn between the nursing system and the structure and process of other professional systems. Issue analysis and change strategies introduced. A reorientation toward professional autonomy and newly emerging nursing roles emphasized. One credit of the four credits is acquired through a guided project relevant to leadership theory and behavior.

Nursing 408 Research Seminar in Nursing

Prerequisite, NUR 330

4 credits

The research process and its relevance to nursing practice is explored. Students develop a problem for investigation in the form of a research proposal. Students' selected problems are the central foci of the seminar. One credit of the four credits is acquired through independent work on research proposal development.

PHILOSOPHY
Department Chair: Michael J. Kerlin, Ph.D.

FOUNDATION COURSES

Philosophy 151 Concepts of Humanity 3 credits
A study of the concepts of humanity which underlie and affect thought, values, and actions in personal life and society. (Formerly PHL 161)

Philosophy 152 Moral Inquiry and Moral Choice 3 credits
A study of the major moral theories related to how human beings do and ought to make moral decisions. Applications of these moral issues will be an integral part of the course. (Formerly PHL 162)

Philosophy 201 Art and Creativity (Aesthetics) 3 credits
A consideration of the philosophical basis for making judgments about the art experience. Designed to acquaint the student with the major features and thinkers of the classical, romantic, and modern periods.

Philosophy 206 Social and Political Philosophy 3 credits
A critical examination of the nature of society through the reading and discussion of primary philosophical texts. Themes include: person and society, the foundation of the political order, human rights and law, justice and society, the natural and the social sciences.

Philosophy 213 Philosophy of Sports 3 credits
Philosophical investigation of sports and athletics and their significance as a basic human experience. Topics include sports and the achievement of human excellence; sports as a basis of social and cultural structure; and the analysis of sports in philosophical movements such as Marxism and existentialism.

Philosophy 222 Love and Human Sexuality 3 credits
Philosophical exploration of human love and sexuality. Attention given to the connection between the philosophical approach and that of other disciplines. Works by authors such as Plato, Aristotle, Thomas Aquinas, Santayana, Ortega y Gasset and Sartre read.

Philosophy 223 Perspectives on Death 3 credits
Various philosophical strategies for coming to terms with human death using both Western and non-Western sources. Philosophical view of death applied to problems of aging and dying, suicide and euthanasia, mass death, the medical conquest of death and definitions of death. Of particular value for students choosing careers in the health professions.

Philosophy 264 Critical Thinking 3 credits
Aims at developing the skill of analyzing, interpreting and criticizing arguments from a variety of disciplines. Topics include: clarification of concepts, distinguishing between conclusions and reasons for conclusions, evaluation of arguments and the recognition of fallacies. Usually offered Fall and Spring semesters. (Formerly PHL 164)

Philosophy 267 Philosophical Approaches to God 3 credits
A study of philosophical positions about the existence and nature of God. Themes discussed include various concepts of God; the possibility of proof for the existence of God; and the philosophical dimensions of the religious experience. (Formerly PHL 167)

Philosophy 269 Work and Culture 3 credits
A philosophical consideration of the relationship between work and other dimensions of human life. Topics include: work and society, work and rationality, work and morality, work and play, work and creativity, work and alienation. Usually offered Fall and Spring semesters. (Formerly PHL 169)

Philosophy 303 American Philosophy 3 credits
Broadly conceived as American intellectual history, the history of ideas that shape the American point of view from the Puritan's errand into the wilderness to the birth of the Great Yankee, from Democracy as the "last, best hope of Earth" to William James' courage to believe. (Formerly PHL 203)

Philosophy 303 American Philosophy

3 credits

Broadly conceived as American intellectual history, the history of ideas that shape the American point of view from the Puritan's errand into the wilderness to the birth of the Great Yankee, from Democracy as the "last, best hope of Earth" to William James' courage to believe. (Formerly PHL 203)

Philosophy 305 Philosophy of Communism

3 credits

An historical and systematic study of the writings of Karl Marx emphasizing the Hegelian origins of his critique of capitalism, the problem of ideology, the Marxian view of social science, and the development of Marxism as theory and practice at the hands of Engels, Lenin and Stalin. (Formerly PHL 205)

Philosophy 310 Existentialism

3 credits

An approach to contemporary phenomenology and existentialism through philosophers such as Husserl, Heidegger, Sartre, and Merleau-Ponty. Topics include: the phenomenological method, human existence as process, meaning vs. absurdity and the overcoming of alienation. (Formerly PHL 210)

Philosophy 313 Metaphysics (Reason and Reality)

3 credits

The basic relationships between thought and reality. Themes include skepticism and truth; rationality and selfhood; and knowledge and the various categories of existence. Usually offered Fall and Spring semesters. (Formerly PHL 166)

Philosophy 323 Philosophy of Science

3 credits

The impact of scientific revolutions on observations and rationality in science studies through the writings of Kuhn, Feyerabend, and others. Critical examinations of such concepts in science as scientific method, induction, verification and falsification.

Philosophy 325 Symbolic Logic

3 credits

A study of the following aspects of symbolic logic: truth functional logic, quantificational logic, logic of relations, proofs of adequacy for the systems used, undecidability and incompleteness, the relationship between modern logic and Aristotelian logic.

Philosophy 350 Business Ethics

3 credits

Business practices evaluated in the light of ethical principles. Special concern given to moral dimensions of management decision making and to ethical problems of consumerism and government control.

PHYSICS**Department Chair: Henry A.Bart, Ph.D.****Physics 105 General Physics — I**

Prerequisite, MTH 120

4 credits

Topics include: motion in one and two dimensions, particle dynamics, work energy, linear momentum, collisions, rotational kinematics and dynamics, angular momentum, equilibrium of rigid bodies, oscillations, gravitation. Usually offered Fall semesters.

Physics 106 General Physics — II

Prerequisites, PHY 105, MTH 120

4 credits

Wave motion optics; electricity and magnetism including: charge and matter, the electric field, electrical potential, capacitors and dielectrics, current and resistance, electromotive force, the magnetic field, Ampere's law, Faraday's law, inductance, and electromagnetic waves. Usually offered Spring semesters.

Physics 120 Science, Technology, and Society

3 credits

A study of some interactions between science, technology, and society. Topics include: the scientific community; history of technology; weapons; science, technology, and the arts; technology and change.

Physics 121 Women, Men; Science, Technology

3 credits

An exploration of gender components in science and technology. Extra-scientific influences on scientific theories; why there are not more female engineers and scientists; how science views male/female differences; use of science to reinforce social attitudes; the political content of technology and how technology impacts differently on men and women.

POLITICAL SCIENCE/PUBLIC ADMINISTRATION

Department Chair: Kenneth L. Hill, M.A.

Required for Major in Political Science/Public Administration:

15 courses

- Political Science 150, 222, 240, 241, 243, 247, 480, 481
- Economics 150, 201, 213
- Accounting 211, 212
- Management 301
- Human Resource Management 300

FOUNDATION COURSE

Political Science 150 American Federal Government

3 credits

An examination of the organization and functions of the federal government of the United States; a study of the separation of powers and relations with states. Required of all Political Science majors. (Formerly, POL 102)

Political Science 104 Western European Politics

3 credits

Political analysis of the constitutional principles and governmental organizations of England, France, and Germany.

Political Science 220 International Relations

3 credits

Analysis of the basic patterns and major factors underlying international politics; consideration given to current international problems.

Political Science 222 Survey of Political Thought

3 credits

Analysis of major political writers from Plato to the present. Emphasizes each author's concept of the state, its function and end, and the solution to the problem of reconciliation of the common good with individual freedom. Required of all Political Science/Public Administration majors.

Political Science 230 Political Geography

3 credits

Surveys the geographic factors influencing the real and potential economic and political development of nations.

Political Science 234 The Politics of the Soviet Union

3 credits

The major elements that determine the nature of Soviet policy, including the role of the Communist Party, the relationship between the party and government, the growth of dissent within the Soviet Union and future prospects for Soviet society.

Political Science 240 American State Government

3 credits

The state as a partner in the federal system, the states' constitutional development; principles underlying state governmental organization, reorganization and functions. Required of all Political Science/Public Administration majors.

Political Science 241 Municipal Government

3 credits

The organizations and functions of government at the municipal level and an analysis of trends and types of municipal governments. Required of all Political Science/Public Administration majors.

Political Science 243 American Constitutional Law

3 credits

Analysis of the development of the Constitution via the interpretations of the Supreme Court. Principal topics are the federal system, judicial review, separation of powers, powers of Congress and the President, the Commerce Clause, and political and civil rights. Required of all Political Science/Public Administration majors.

Political Science 247 Bureaucratic Politics and Administration

3 credits

Analysis of bureaucracy within the national and urban context; internal characteristics and external political relationships with executives and legislatures, including unionization of bureaucratic personnel, budgetary relationships, innovation and the relationships of bureaucracy with clientele groups and the general public. Required of all Political Science/Public Administration majors.

Political Science 470 Special Topics

As interests indicate, special courses may be introduced discussing specialized topics of current interest. 3 credits

Political Science 480 Seminar, 1

Study of methods of research and scholarly writing. Directed research and reports on individual assignments. Required of all Political Science/Public Administration majors. 3 credits

Political Science 481 Seminar, 2

Supervised research and writing on major topic. Weekly presentation and group discussion of individual papers. Submission of written thesis. Required of all Political Science/Public Administration majors. 3 credits

PSYCHOLOGY

Department Chair: Joseph D. Kovatch, Ph.D.

Required for Major in Psychology: 13 courses

- Psychology 150, General Psychology
180, Principles of Psychology
310, Statistics I
311, Statistics II
325, Research Methodology
- Seven controlled electives in Psychology
(including two at the 300 level and two at the 400 level)
- One Course in Mathematics – MTH 115 or above

FOUNDATION COURSE**Psychology 150 General Psychology**

3 credits

Introduction to the scientific study of human behavior. Emphasis on methods of psychological research and principles and theories developing from this research.

N.B. Psychology 150 is a prerequisite for all other psychology courses (with the exception of Psychology 112 and Psychology 310). With the permission of the Department Chair this prerequisite may be waived.

Psychology 112 Personnel Psychology

3 credits

Introduction to the methods and empirical findings of personnel psychology. The use of psychological techniques practiced in the recruiting, interviewing, testing, selecting and placing of employees. Preliminary training in the use of psychological tests for measuring intelligence, aptitude, interest and personality. Usually offered Fall semesters — odd years.

Psychology 180 Principles of Psychology

3 credits

A survey of the field of psychology designed for the psychology major and minor. Areas covered will focus on the fundamental findings of psychological research and on the methodological issues. Areas covered include motivation, learning, cognition and perception, among others. (Formerly, PSY 201)

Psychology 205 Personality Dynamics and Adjustment

3 credits

An analysis of the human system, the dynamics of individual behavior and a consideration of resources necessary for effective living as they are related to a better understanding of personal adjustments in healthy persons developing toward maturity. Usually offered Spring semesters. (Formerly PSY 206)

Psychology 210 Developmental Psychology

3 credits

A survey of the development of behavior from birth through adulthood. Aspects of physical, intellectual, motor and personality development considered. Deviant developmental patterns discussed. Usually offered Fall semesters. (Formerly PSY 203)

Psychology 220 Abnormal Psychology

3 credits

An introductory course surveying the principal forms of the major and minor mental disorders, with emphasis on the causes, symptoms, course and treatment. An analysis of the overall problem of mental illness and a study of certain borderline personality and behavioral patterns and forms of psychological deviation. Usually offered Fall semesters.

- Psychology 225 Social Psychology** 3 credits
 A study of the facts and theories dealing with the phenomena of social behavior. Focuses on individual behavior as it affects and is affected by the behavior of others.
- Psychology 230 Industrial Psychology** 3 credits
 A study of those psychological principles, methods and techniques which are especially relevant to an understanding of human relations and efficiency in business and industry.
- Psychology 250 Effective Communication** 3 credits
 A deepening understanding of, and personal growth experiences in the art of interpersonal communication. Attention given to listening and empathy, discussions and decision making, confrontation and conflict management, attitudinal systems and Gestalt, verbal and non-verbal communication, creative goal-setting, individual and social growth. Usually offered Fall and Spring semesters.
- Psychology 310 Statistics I** 3 credits
 Prerequisite, successful completion of one year of college mathematics.
 An introduction to statistics, emphasizing such descriptive measures as central tendency, variability and correlation. Carries lab fee. (Formerly PSY 210)
- Psychology 311 Statistics II** 3 credits
 Prerequisite, PSY 310
 An intermediate course in inferential statistics, emphasizing such techniques as the analysis of variance and t-tests. Carries lab fee. (Formerly PSY 211)
- Psychology 325 Research Methodology** 3 credits
 Prerequisite, PSY 180 and 311
 The nature of scientific research methodology; emphasis on critical reading and evaluating reports of studies and research; development of skill in writing review papers; utilization of research literature in the behavioral sciences; data analysis and critiques of extant research. (Formerly PSY 340)
- Psychology 330 Experimental Psychology I** 4 credits
 Prerequisite, PSY 310 and 311
 A laboratory course designed to introduce the student to the classical psychological experiments and to provide training in the methods of experimental design and research. Experiments on the sensory processes, perception, learning, memory, thought processes and emotions. Carries lab fee. (Formerly PSY 319)
- Psychology 331 Experimental Psychology II** 4 credits
 Prerequisite, PSY 330
 Lectures and discussions on modern experimental psychology. For laboratory work the student plans, designs, and performs an original research experiment. Carries lab fee. (Formerly PSY 320)
- Psychology 340 Tests and Measurements** 3 credits
 Prerequisite, PSY 311
 The selection, administration and interpretation of psychological tests used in the measurement of aptitudes, achievement, interests and personality. (Formerly PSY 306)
- Psychology 345 Human Factors Engineering** 3 credits
 Prerequisite, PSY 311 and PSY 230
 Course deals with the study of the individual and one's working environment, and with the application of this knowledge to practice problems encountered in the home, business and industry. (Formerly PSY 460)
- Psychology 350 Counseling Theories and Principles** 3 credits
 Prerequisite, PSY 180
 Theories and principles of the counseling process; the dynamics of human change; the objectives, work and continuing problems of counseling.
- Psychology 360 Readings in Psychology** 3 credits
 Prerequisite, PSY 180
 Readings from basic books and periodicals having relevance for the broad field of psychology; assignments discussed in seminar fashion at one meeting each week.
- Psychology 410 Theories of Learning** 3 credits
 Prerequisite, PSY 180
 An analysis of the principal theories of learning in light of recent experiments in animal and human learning.

Psychology 415 Cognitive Psychology

Prerequisite, PSY 180

3 credits

A systematic study of the research and theories developed to explain human memory, language, thinking, and consciousness.

Psychology 420 Physiological Psychology

Prerequisite, PSY 180

3 credits

An introduction to the neurological endocrinological bases of behavior. Consideration of sensory and motor processes, motivation and emotion, learning and memory. Carries lab fee.

Psychology 425 Theories of Personality**Prerequisite PSY 180**

3 credits

A systematic study of the principal theories of personality with particular emphasis on recent trends, research methodology, and personality measurement.

Psychology 464 Attitude Measurements

Prerequisite, PSY 330 or 325 and CSC 151

3 credits

Development and application of attitude scales designed for group testing and an introduction to computing social science data with the Statistical Package for the Social Sciences (SPSS), as applied to consumer behavior.

Psychology 470, 471 Special Topics in Psychology

3-6 credits

Content will vary each semester and will cover such topics as family psychology, alcoholism and drug addiction, prejudice, mob action, and attitude change. Prerequisite varies with the topic.

Psychology 485-486 Psychological Practicum

3-6 credits

Offers the student the option of conducting a research project under the direction of a faculty member or of obtaining practical experience serving in an institutional setting under professional supervision. Open only to senior psychology majors in consultation with Department Chair. Available every semester.

PUBLIC ADMINISTRATION

Major is titled Political Science/Public Administration. Course listings under the Political Science Department.

QUANTITATIVE ANALYSIS**Quantitative Analysis 213 Introduction to Business Statistics**

Prerequisite, MTH 111 and 112 or MTH 115 and 116, CSC 151

3 credits

Basic statistical methods used in the analysis of business and economic decision problems. Emphasis on valid applicability of techniques, sound interpretation of statistical results, as well as successful execution of statistical methods. Topics include: descriptive statistical results, both graphical and numerical; probability distributions; sampling distributions; statistical estimation and hypothesis testing; and simple regression and correlation. Students will be introduced to a microcomputer statistical software package. Usually offered Fall semesters.

Quantitative Analysis 215 Statistical Information Systems

Prerequisite, CSC 151 and QNT 213

3 credits

Information systems and computer-based/statistical analysis, covers the role of information systems within the organization and its use in application with statistical systems analysis. Information systems topics include: business information systems; software packages and operating systems; text processing and graphics; electronic spreadsheet; database management systems; and problem solving with computers. Statistics topics include: simple regression and correlation; multiple regression; and time series analysis. Students will be introduced to various micro-computer based statistical packages within the information systems environment.

Quantitative Analysis 302 Statistical Quality Assurance

Prerequisite, MGT 300, 54 credits

3 credits

This course will examine both statistical and managerial techniques used in Total Quality Management. Statistical techniques used emphasize graphic displays of data and traditional control charts. Management techniques stress quality cost analysis and employee motivation.

RELIGION

Department Chair: James E. Biechler, Ph.D.

FOUNDATION COURSES

Religion 151 The Bible

3 credits

A study of the foundational religious literature of Jews and Christians; its origins and growth; the history and the religious and theological ideas of the people who produced these writings, and the Near-Eastern cultures and literature which contributed to them. (Formerly REL 161 Bible As Religious Literature)

Religion 153 The Dynamics of Religion

3 credits

A study of the diverse patterns of thought, behavior, and social structures which express human religious experience. Designed to foster an understanding of the importance of religion in society, in social change, and in personal identity and transformation. (Formerly REL 163.)

Religion 240 The Great Religions of the World

3 credits

A survey of the great world religions; Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism and Taoism. Topics to be covered: world view, basic doctrines and practices, major figures, the role of women, and impact on contemporary world culture. Readings from the scripture of each tradition, as well as secondary sources.

BIBLICAL STUDIES

Religion 210 Old Testament Themes

3 credits

The origin and development of Biblical traditions and theological themes; God, humanity, the meaning of life, the Exodus theme, prophecy, etc., studied in both their Old Testament context as well as their relation to the New Testament.

Religion 212 The Prophets of Ancient Israel

3 credits

Prophecy and prophetic literature in the Bible. Prophecy as an institution in the Near East; its unique development in Israel. Theological message of the biblical prophets.

Religion 213 Theology of the New Testament

3 credits

General historical background of New Testament times, with special emphasis on those factors that most contributed to the formation of New Testament literature. The literary forms found in New Testament literature, gospel, letters, apocalypse, etc. With this as background, the course undertakes an in-depth study of one of the gospels or a major epistle of St. Paul.

THEOLOGICAL STUDIES

Religion 220 The Church: Contemporary Issues and Problems

3 credits

Inquiry into the life and structure of Christian community. The psychological and theological factors which bring people together to constitute "Church". The Church as eschatological community in relation to Christ. A study of those ideas most generally attributed to Church: unity and catholicity, organization, ministry and mission.

Religion 221 Contemporary Christology

3 credits

Survey of the post-Biblical developments concerning the person and mission of Jesus, with emphasis on the contemporary attempt to reinterpret Jesus as Man and God.

Religion 222 The Sacraments

3 credits

Inquiry into the origin and development of the Christian symbols highlighting some of the problems of modern sacramental theology.

Religion 223 Contemporary Moral Problems

3 credits

Comprehensive examination of selected moral issues of current interest: violence, war, love, freedom, situation ethics, abortion, euthanasia, human values, sin, genetic engineering, etc.

Religion 225 Marriage and Sexuality: Religious Perspectives

3 credits

Religious aspects of love, marriage, sexuality, and family life in Biblical and non-Biblical traditions. (Formerly REL 325 Contemporary Theology of Marriage.)

Religion 323 Biomedical Problems

3 credits

Study/discussion of selected ethical dilemmas arising from recent advances in health care technology and delivery.

HISTORICAL STUDIES**Religion 232 Contemporary Catholicism**

3 credits

Critical examination of developments in the 20th century Catholic church: their causes, their impact, their prospects.

Religion 234 The Christian Tradition

3 credits

An overview of the Christian religion from its Palestinian origins to contemporary developments. Major figures, issues and movements will be discussed. Selected readings from primary sources.

Religion 334 Modern Religious Thought

3 credits

A critical examination of the great religious movements of the 19th and 20th centuries that have most contributed to the present religious situation. The encounter between Christian thought and philosophy and natural science. The confrontation between Existentialism and religious Idealism; the Oxford Movement; the Marxist critique of religion; the origins of biblical criticism; and the clash between conservatism and liberalism in Protestant and Catholic Church circles. (Formerly REL 332)

Religion 336 Religion in America

3 credits

A study of the major religious movements within the Roman Catholic and Protestant churches in the United States from the American Revolution to the present day. Theological implications for the churches of such movements as the American Revolution, the Great Depression, World War II, Vatican II, and the nuclear threat. (Formerly REL 230)

RELIGIOUS STUDIES**Religion 242 Religions of the East**

3 credits

The living religions of the world that lie outside the Judaeo-Christian tradition, in particular, Hinduism, Buddhism, Confucianism, Taoism and Islam; their sacred literatures, historical origins and development, basic beliefs and religious practices. Usually offered Spring semesters. (Formerly REL 166).

Religion 244 Women and Religion

3 credits

The influence of religion through history in the shaping and legitimation of women's roles and identity. The religious experience of women, and the extent to which feminine religiousness and holiness might be different. The recovery or refashioning of leadership roles. The feminist critique of "patriarchal" religion and theology; the consequent alternatives of disaffiliation or reconstruction.

Religion 251 Religious Education

3 credits

Designed primarily for parents and teachers, the course deals with the practical problems encountered in guiding the intellectual and moral development of the young Christian. Workshop sessions as well as theoretical materials in lecture and discussion.

Religion 264 Religion and the Contemporary Search for Self

3 credits

An inquiry into the contemporary meaning of self-discovery, seen in the context of those socio-religious values which contribute to an individual's sense of personal identity. A study of religion as an expression of the deepest dimension of human life leading to an appreciation of the possible variety of such expressions in terms of personal self-understanding. Usually offered Fall semesters. (Formerly REL 164).

Religion 265 The Religious Vision of Modern Literature

3 credits

Religious presuppositions and attitudes underlying and shaping modern literature. The ways in which questions raised by modern authors relate to answers traditionally found in religious faith. Selections studied include Dostoyevsky, Beckett, Kafka, Eliot and Camus. Usually offered Spring semesters. (Formerly REL 165).

Religion 342 Judaism

3 credits

A study of the historical origin, roots, and developments of Judaism as a religion, as well as a cultural, civil, and ethnic group. The course will evaluate Jewish social and educational values as well as religious problems and attitudes among Jews today. (Formerly REL 242.)

SPECIAL STUDIES

Religion 270 Special Topics in Religion

3 credits

Content of course will be announced whenever it is offered. May be repeated for credit.

RISK MANAGEMENT AND INSURANCE CONCENTRATION

Coordinator: Kathleen S. McNichol, M.B.A., CPCU

Required for Concentration in Risk Management and Insurance: (6 courses required)

- Non-business majors: at least 3 RMI courses.
- Business majors: at least 4 RMI courses.
- RMI 301, 302, 311, 312, 313, 314, 420.
- ACC 211; FIN 300; LAW 202; QNT 213.

RMI 301 Fundamentals of Risk and Insurance

Prerequisite, 54 credits

3 credits

Introduction to the underlying principles, practices, and the legal aspects of insurance; survey of personal lines such as auto, homeowners, life, health, and commercial lines coverage including fire, marine, fidelity, and corporate surety, workers' compensation, business interruption.

RMI 302 Introduction to Life Insurance

Prerequisite, 54 credits

3 credits

The problems of alternative techniques for insuring of human life values considered from the differing viewpoints of the company, the economy, and the consumer. Financial needs in the life cycle of the family; elements of business insurance, such as group life insurance; mortality; underwriting; rate determinations and reserves are explored.

RMI 311 Health Care Insurance

Prerequisite, 54 credits

3 credits

An interdisciplinary approach to the techniques and problems of financing health care with emphasis on prepayment devices, including medical insurance benefit systems, Blue Cross-Blue Shield prepayment plans, independent prepayment plans, and medical expense benefits through social insurance and social welfare programs. Effects of financing methods on the availability, quality, and planning of health care explored.

RMI 312 Commercial Property and Liability Contracts

Prerequisite, RMI 301

3 credits

Detailed examination of the major commercial policies and forms. Included are business interruption and extra expense coverage, ocean and inland marine, crime, liability, auto and workers' compensation policies along with bonding.

RMI 313 Pension Planning

Prerequisite, RMI 301 or 302, and FIN 300

3 credits

An examination of private pension plans, including historical background, regulatory environment, benefits and costs. Topics include costs computation methods, benefits formulae, inflation impact, plan membership profile, accounting and tax considerations, and management of fund assets including portfolio consideration. Profit sharing plans and individual retirement plans are also covered. (Identical to FIN 313)

RMI 314 Risk Management

Prerequisite, RMI 301 and FIN 300

3 credits

Designed to acquaint the student with the nature of risk management and the role of the risk manager in business or governmental organizations. Emphasis on risk analysis and control functions: recognition, measurement and treatment. Historical and forecast financial statements are scrutinized for the purpose of risk identification. (Identical to FIN 314)

RMI 420 Financial Management of the Insurance Firm

Prerequisite, RMI 301 or 302 and FIN 300

3 credits

A functional course emphasizing the interrelationships among underwriting, investment, regulation and other aspects of an insurance company. Spreadsheets are used to demonstrate effective financial management of the insurance firm. (Identical to FIN 420)

SOCIOLOGY AND CRIMINAL JUSTICE

Department Chair: Finn Hornum, M.A.

Required for Major in Sociology: 12 courses

Required for Major in Criminal Justice: 14 courses

General Sociology

- Sociology 150, 301, 302, 310, 480, 481, three controlled electives in Sociology at the 200 or 300 level
- Three controlled electives in Sociology, Criminal Justice or Social Work.

Criminal Justice

- Sociology 150, 301, 302, 310, two controlled electives in Sociology at the 200 or 300 level
- Criminal Justice 221, 222, 385, 487, 488, and three controlled electives in Criminal Justice

FOUNDATION COURSES

Sociology 150 Introductory Sociology

3 credits

An introduction to the structure and functioning of society with emphasis on American society but with cross cultural comparisons. Theoretical concepts, empirical finding, and research methods are stressed. (Formerly SOC 101)

Sociology 151 Social Problems and Social Justice

3 credits

An exploration of how social conflict and social organization affect human well-being and of social justice. Topics: mental health, personal safety, economic well-being, and intergroup relations in an industrial society and a developing nation. (Formerly SOC 102)

Sociology 111 Marriage and Family

3 credits

Study of marriage and the family as social institutions. Consideration of the historical development of the family, variations of family structure in contemporary societies and current trends in American family patterns.

Sociology 203 Sociology of Work

3 credits

Analysis of the social organization of work in modern societies, the concept of career, the development of professionalization, the nature of work-satisfaction and the impact of bureaucratization. Occupational subcultures such as law, medicine, public service, the military and education considered.

Sociology 207 The City: Conflict and Change

3 credits

A study of world cities, their growth and impact on personality, urban violence and its control, fragmentation, economic problems and city/suburban conflicts. Efforts at neighborhood development and metropolitan planning will also be discussed.

Sociology 210 Sex, Power, and Socialization

3 credits

Exploration of male and female gender roles in the contemporary United States. Examination of socialization in childhood and adulthood, sexual politics, and power structures and dynamics within the family. Special attention to the effects of class and race on gender role formation.

Sociology 212 Ethnicity and Race in the United States

3 credits

Analysis of the structure and dynamics of dominant/minority relations in historical and contemporary contexts. Emphasis on the sociological analysis of ethnic and racial discrimination and inquiry into the sources of conflict between dominant and minority groups.

Sociology 213 Human Nature, Culture and Society

3 credits

Anthropological study of the origin and descent of humans and of the role of culture in explaining the variations and constants in human behavior.

Sociology 301 Social Statistics, 1

3 credits

General introduction to such descriptive statistics as central tendency measures, variability and regression. Analysis of cross-tabulated data will be facilitated through the use of computer software programs. No prior knowledge of computers assumed.

Sociology 302 Social Statistics, 2

Prerequisite, SOC 301

3 credits

Inferential statistics beginning with a discussion of probability, binomial distributions and normality. Both parametric and non-parametric statistics covered. Continued use of computer technology in the analysis of survey research results as well as those collected using qualitative methodologies.

Sociology 305 Society and the Individual

Prerequisite, SOC 150 or 151

3 credits

Study of the influence of society and culture as mediated by the social group, on the social, cultural and personal behavior of the individual.

Sociology 306 Bureaucracy and Society

Prerequisite, SOC 150 or 151

3 credits

Examination of the nature and effects of modern, large-scale organization. Focus on both private sector corporations and public sector bureaucracies.

Sociology 308 Social Inequality and Social Mobility

Prerequisite, SOC 150 or 151

3 credits

A study of economic, social, political inequalities. Emphasis on the causes, patterns, and consequences of such inequalities. The United States compared with other industrial as well as non-industrial nations.

Sociology 309 Medical Sociology

3 credits

Basic survey of how individuals are socialized to think about, and are treated by those in the health professions. A cross-national perspective will be assumed. Topics include: malpractice, population control, human experimentation, deviance and stigmatization.

Sociology 310 Sociological Theory

Prerequisite, SOC 150 or 151

3 credits

Survey of the development of social thought from August Comte to contemporary theorists. An attempt to see the evolution of social theory within the social context of the theorist's milieu.

Sociology 480 Research Seminar, 1

3 credits

Overview of research methodology. Such research data collection methods as questionnaire designs, interviewing and observations discussed. Topics include the ethics of human experimentation and evaluation techniques.

Sociology 481 Research Seminar, 2

3 credits

Original research in one area of social reality employing a research method of the student's choosing.

Criminal Justice 220 Juvenile Delinquency

3 credits

Juvenile delinquency in comparative-historical perspective; study of the nature, magnitude and social location of the problem of youth crime; analysis of causal theories; overview of programs aimed at delinquency prevention and control.

Criminal Justice 221 Crime and Its Causes

3 credits

A study of the sociological and social psychological foundations of crime and delinquency. Topics include the definition and meaning of crime and delinquency, the etiology of crime and delinquency, the history and development of the criminal law, criminal behavior systems.

Criminal Justice 222 Introduction to Criminal Justice

3 credits

A consideration of law enforcement, the administration of justice and the punishment and treatment of criminals. A survey of the sociological and social psychological processes affecting the criminal justice system. Topics include: the police function, crime prevention programs, the prosecutorial and defense functions, judicial administration and decision-making, institutional and community-based corrections, probation and parole.

Criminal Justice 223 Criminal Law

3 credits

Designed to expose the student to the basic concepts and issues of criminal law: foundations of the law, legal elements of crime, legal requirements for defenses and punishments. The Pennsylvania Crimes Code used as reference. Attention to the sociological implications of these legal issues.

Criminal Justice 225 Criminal Procedures

3 credits

Designed to acquaint the student with the variety of constitutional issues related to the criminal justice process. Case analysis deals with such issues as search and seizure, stop and frisk, arrest, confessions, right to counsel, jury trials, and other recent decisions.

Criminal Justice 324 Police: Organization and Functions

3 credits

A study of the organization, power and functions of the police. Topics include the police organizational structure, such police responsibilities as patrol, arrest, and investigation, police community relations and other topical issues on police and society. (Formerly SOC 224)

Criminal Justice 326 Corrections: Prisons, Probation and Parole

3 credits

Intensive study of the correctional process in the U.S. and other countries. Topics include objectives of punishment, sentencing policies and procedures, capital punishment, imprisonment and community corrections. (Formerly SOC 226)

Criminal Justice 385 Theories of Deviance

3 credits

Intensive analysis of contemporary theories of deviant behavior examined through seminar discussions of primary materials and critiqued by consideration of research findings. Social policy implications discussed and specific criminal justice programs considered in the light of these theories.

Criminal Justice 386 Systems of Criminal Behavior

3 credits

Selected criminal behavior systems examined in depth through readings, group projects and field interviews. Offerings include such forms of criminal behavior as organized crime, elite deviance, violent crime, crimes without victims, victimology and international terrorism.

Criminal Justice 415 Criminal Justice Counseling

3 credits

Acquaints the student with the principles and practices of individual and group counseling techniques in the criminal justice field. Group dynamics and counseling approaches presented through class lectures, discussions and participation in the group experience. Special emphasis on the applicability of techniques and principles to the offender population.

Criminal Justice 487-488 Seminar in Criminal Justice Research and Practice

3-6 credits

Prerequisite, CRJ 221 or 222 or permission of the instructor
Designed to provide the criminal justice practitioner with an opportunity to examine the functioning of the criminal justice system through field research and seminar sessions in theory. Emphasis will be given to problems of administration, clinical practice, research and planning.

CREDIT FOR POLICE ACADEMY TRAINING

Students admitted to La Salle University as of January 1, 1976 or later, are eligible to apply for 6 credits toward their degree if they have been certified as having completed a police academy training or its equivalent, subject to the approval of the Sociology Department. Three elective credits may be granted as equivalent to Criminal Justice 223, Criminal Law and three elective credits may be granted as equivalent to Criminal Justice 415, Criminal Justice Counseling.

Students majoring in Sociology-Criminal Justice may also apply for three credits toward fulfillment of the Criminal Justice 487-488 Seminar in Criminal Justice Research and Practice provided they have completed the training mentioned above and have successfully completed the other half of the Criminal Justice 487-488 course.

SPANISH

Course listings under Foreign Languages and Literatures Department.

UNIVERSITY STUDIES**University Studies 150 University Seminar I**

3 credits

Introduction to the knowledge and skills needed for living in the information age with special emphasis on university level study. Topics include cognitive learning styles, human values, adult development, problem solving, information resources, potential and creativity, life management, research and study skills. One-half of the course is spent on development of oral communication skills.

University Studies 350 University Seminar II

3 credits

This seminar course will explore and analyze a topic of current interest from a variety of disciplinary approaches and sources of information. Topics such as world hunger, the phenomenon of caring, the psychologizing of western culture, environmental problems, American health, aging, human rights, AIDS, etc., will be considered. The class will choose a topic from a given set announced for each semester.

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Kathy McGuire and Victor Cantres, Evening Student Council Officers, present Brother Emery Mollenhauer, F.S.C., Provost, with a gift from the Evening Division.

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DIRECTORY

The following offices can be reached directly by dialing 951 and the four digit extension:

Admissions Office-Evening Div. and Summer Sessions	Administration Center 219	1234
Advisement Center-Evening Div.	Administration Center 202	1238
Art Museum	Olney Hall-Lower Level	1221
Athletic & Recreation Dept.	Hayman Hall	1515
Bursar's Office	Administration Center 110	1055
Campus Ministry	College Hall-Lower Level	1048
Campus Store-Main Store	Wister Hall	1395
Campus Store-Textbook Store	Wister Hall	1397
Career Planning & Placement Office	Administration Center 409	1075
CLEP Center Administration	Administration Center 224	1237
Computer Lab	Wister Hall	1803
Continuing Education for Women	Administration Center 220	1060
Dean, Evening Division and Summer Sessions	Administration Center 226	1240
Director, Off-Campus Programs	Administration Center 224	1237
Financial Aid Office	Benilde Hall-1st. Floor	1070
Library-Main	Library	1292
Lost and Found	Union Bldg. Office	1375
Nursing Program	Wister Hall-Mezzanine	1430
Registrar	Administration Center 306	1020
Security	Belfield Estate Carriage House	1310
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