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# La Salle College Bulletin Summer Sessions 1972

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summer sessions



day sessions

evening sessions

## ADMINISTRATION

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Vice-President, Academic Affairs	Brother Emery C. Mollenhauer, F.S.C., Ph.D.
Vice President, Student Affairs	Thomas N. McCarthy, Ph.D.
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Dean of Evening and Summer Sessions	Thomas M. Coffee, Ph.D.
Registrar	David J. Smith, B.S.
Administrative Assistant	Raymond A. Ricci, B.A.
Director of Admissions	John J. King, B.A.
Comptroller	David C. Fleming, B.S.
Director of Library	Brother Thomas Warner, F.S.C., B.S. in L.S.
Director of College Union	John H. Veen, B.S.
Director of Food Service	Thomas L. Shaw
Director of Student Activities	Gerald T. Dees, B.A.
Manager of Campus Store	Charles J. Mooney, B.S.

## LA SALLE COLLEGE BULLETIN

Volume LII

December 1971

No. 4

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LA SALLE COLLEGE

1972

day sessions



SUMMER SESSIONS

FIRST SESSION

May 30 to June 29

SECOND SESSION

July 10 to August 10

Philadelphia, Pa. 19141

# academic calendar

## Summer, 1972

	First Session	Second Session
Registration . . . . .	May 24 and 25 (10:00 A.M. to 12:00 Noon) ( 7:00 P.M. to 8:30 P.M.)	July 7
Late Registration . . . . .	May 26, 30 and 31 ( 9:00 A.M. to 11:00 A.M.) ( 6:00 P.M. to 7:30 P.M.)	July 10 and 11
Classes Begin . . . . .	May 30	July 10
Last day for change of roster . . . . .	May 31	July 11
Last day to option Pass/Fail grade . . . . .	June 6	July 17
Last day for withdrawal . . . . .	June 13	July 24
Final Examinations . . . . .	June 29	August 10
Grades due in Summer Sessions Office . . . . .	July 5	August 15

### Three credit hour classes:

- First Period Class 9:05 A.M. to 10:50 A.M.
- Second Period Class 11:00 A.M. to 12:45 P.M.

### Four credit hour classes:

- First Period Class 8:30 A.M. to 10:50 A.M.
- Second Period Class 11:00 A.M. to 1:20 P.M.

Classes meet Monday through Thursday; there are no class meetings on Friday.

### EIGHT WEEK SESSION

June 19 to August 10

Classes meet on Mondays and Thursdays  
8:30 A.M. to 10:50 A.M.

Subjects . . . . .	English 101 English 102
Registration . . . . .	June 15 10:00 A.M. to 12:00 Noon
Classes Begin . . . . .	June 19
Final Examinations . . . . .	August 10
Grades due in Summer Sessions Office . . . . .	August 15

### JUNE

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

### JULY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

### AUGUST

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

# general information

La Salle College, founded in 1863, is conducted by the Brothers of the Christian Schools. Two Summer Sessions of five weeks each, May 30 to June 29 and July 10 to August 10, are held.

The Summer Sessions can mean:

- Lightening one's course program for next year;
- Acceleration of time required to obtain a degree;
- Removal of an academic deficiency;
- Placement in advanced courses during the fall semester.

Besides matriculated La Salle students, men and women from other institutions are welcome, provided they obtain the approval of their own academic officers and meet the requirements of La Salle College.

La Salle College does not discriminate against any applicant for admission to the college because of race, color, creed, or national origin. Admission to La Salle College is based

solely upon an applicant's qualification and ability to meet the educational and other established admission requirements.

The staff of the Summer Sessions is selected from the regular full-time faculty members of La Salle College.

Summer Sessions are conducted in air-conditioned classrooms and lecture halls.

High school graduates who wish to lighten their fall semester roster may take courses in Freshman English, Mathematics, Modern Languages and Social Sciences.

## FEES

Tuition (per credit hr.) . . . . .	\$42
Laboratory Fee (per semester) . . . . .	\$ 5
Late Registration . . . . .	\$10
Change of Course Fee . . . . .	\$ 5
Special Final Examination . . . . .	\$ 5

## TRANSCRIPTS

Students who wish credits transferred to another institution should fill out a request for

transcript of grades at the time of final registration.

### **PRE-REGISTRATION**

All students who intend to matriculate at La Salle College must pre-register before May 19, 1972. Use the pre-registration form provided at the back of this bulletin.

### **FINAL REGISTRATION**

For the dates and hours of final registration, please refer to the Academic Calendar.

All students, even though pre-registered, must complete the process of final registration.

Rules of the College make payment of all fees an integral part of final registration; hence, registration is incomplete until all the fees have been paid.

*Courses listed in this bulletin are subject to cancellation if there are not sufficient students registered for the course.*

### **ATTENDANCE**

Attendance at La Salle College is compulsory and absence from class and/or laboratories necessarily will affect the final grade. Missed laboratory work and examinations (other than final examination) may be completed at the discretion of the course instructor.

Any student who, because of unavoidable absence, is unable to take the final examination as scheduled must file a written request for a special final examination in the Office of the Dean. No special final examination will be administered without the approval of both the instructor and the Dean. Each special final examination is subject to a fee of \$5.00. All make-up examinations must be completed by July 7 for the first summer session and by August 18 for the second session.

### **RELIGIOUS ACTIVITIES**

The Chapel of La Salle College provides a convenient center both for personal meditation and for group worship. Its facilities and the services of the College Chaplain are available to the student body at all times.

Holy Mass is regularly offered in the Student Chapel. The times of these Masses are announced and published each day.

### **ACTIVITIES**

All facilities of the Student Union Building, cultural and social center of La Salle College campus activities, will be open to students attending the Summer Sessions. The air-conditioned Music Room will be available for leisurely study, and food services will be offered in the air-conditioned Snack Bar.

## **EMERGENCIES**

Ordinarily, messages cannot be delivered to students on campus. However, under conditions of extreme emergency, the Summer Sessions Office will attempt to locate students during class hours. The number is VIctor 8-8300, Ext. 400.

## **BANK LOAN**

A Bank Loan Plan is provided by the College for those students who prefer to pay their tuition charges in partial payments. These students are required to enter into a contract whereby they agree to pay the full amount of their tuition in equal installments. A \$7.00 service charge is included in the prorated repayment.

Complete information regarding the Bank Loan Plan may be obtained at the Bursar's Office of the College. No other plan for paying tuition on a deferred basis will be acceptable.

Students who have not paid their tuition at the time of registration, or who have not presented a Bank Loan Application in lieu thereof, will not be included on the class roll until such payment has been accomplished.

N.B. Loans must be taken out for both semesters at the time of registration for the first semester—for those who anticipate utilizing service for both semesters.

## **WITHDRAWAL**

Withdrawal from a class must be made in writing to the Dean of Summer Sessions. The official date of withdrawal (for the purpose of computing charges and grades) is the date on which the Summer Sessions Office receives the written notification, not the date of the writing. Students who fail to give written notice of withdrawal from the Summer Sessions will be charged the full tuition and receive a grade of failure (F) for each course.

## **CHANGE OF ROSTER**

No course or section may be changed for another course or section without the approval of the Dean of the Summer Sessions. No change in course will be allowed after the second scheduled class meeting. A fee of \$5.00, payable in advance, will be charged for each course changed subsequent to the student's registration.

## **REFUNDS**

The Refund Policy of La Salle College is stated on the reverse side of the Student Matriculation Card. This policy is rigidly enforced. Ignorance of this policy does not relieve the student of any financial obligation.



## FIRST SESSION

DEPT.	NO.	CREDIT	COURSE	TIME
Acc	101	3	Principles of Accounting	9:05 – 10:50
Acc	201	3	Accounting Theory I	9:05 – 10:50
Adm	290	3	Law of Contracts	11:00 – 12:45
Adm	322	3	Managerial Economics	9:05 – 10:50
Bio	117	3	General Biology	8:30 – 10:50
Bio	201S	4	The Living Organism	9:05 – 10:50
Chm	111	4	General Chemistry and Qualitative Analysis I	8:30 – 10:50
Lab			Laboratory	12:30 – 3:30
Chm	311	4	Organic Chemistry	8:30 – 10:50
Lab			Laboratory	12:30 – 3:30
Ecn	111	3	Principles of Economics I	11:00 – 12:45
Ecn	313	3	Economics and Business Statistics I	9:05 – 10:50
Edc	301	3	The School: Introduction to Education	9:05 – 10:50
Edc	302	3	The Child: Educational Psychology	11:00 – 12:45
Eng	101	3	Composition	Eight Week
Eng	102	3	Composition	Session
Eng	205	3	Approach to Literature	9:05 – 10:50
Eng	328	3	Shakespeare	11:00 – 12:45
Eng	363	3	English Literature of the Romantic Period	9:05 – 10:50
Eng	412A	3	Special Literary Topic: Contemporary American Literature 1949-1969	11:00 – 12:45
Eng	412B	3	Special Literary Topic: Yeats and His Contemporaries	9:05 – 10:50
Eng	416	3	Readings in Modern Drama	11:00 – 12:45
Esc	101	3	Physical Geology	9:05 – 10:50
Lab			Laboratory (Tuesday & Thursday)	11:30 – 2:30
Esc	103	3	Descriptive Astronomy I	11:00 – 12:45
Fin	230	3	Principles of Finance	9:05 – 10:50
Fine Arts:				
Art	205	3	Elements of Art	9:05 – 10:50
Mus	205	3	Introduction to Music	9:05 – 10:50
Mus	302	3	A Short History of Opera	11:00 – 12:45
Foreign Languages:				
Frn	101	3	Elementary French	9:05 – 10:50
Frn	202	3	Review Grammar and Composition	9:05 – 10:50
Ger	202	3	Review Grammar and Composition	9:05 – 10:50
Lat	202	3	Intermediate Latin	9:05 – 10:50
Spn	101	3	Elementary Spanish	9:05 – 10:50
Spn	202	3	Review Grammar and Composition	9:05 – 10:50
His	201	3	Introduction to European History	9:05 – 10:50
His	219	3	The United States	11:00 – 12:45
His	350	3	Reformation	9:05 – 10:50
Mgt	240	3	Management of Production	9:05 – 10:50
Mgt	241	3	Organizational Theory	11:00 – 12:45
Mgt	343	3	Labor Problems in America	9:05 – 10:50
Mgt	344	3	Personnel Administration	11:00 – 12:45
Mkt	362	3	Management of Promotion	9:05 – 10:50
Mth	101	3	Finite Mathematics	9:05 – 10:50
Mth	103	4	Algebra and Trigonometry	8:30 – 10:50
Mth	121	3	Computer Science I	11:00 – 12:45
Mth	201	3	Linear Algebra	11:00 – 12:45
Mth	216	4	Calculus and Analytic Geometry II	8:30 – 10:50
Phl	107	3	Logic	9:05 – 10:50
Phl	206	3	Philosophies of Man	11:00 – 12:45

DEPT.	NO.	CREDIT	COURSE	TIME
PhI	305A	3	Metaphysics	9:05 - 10:50
PhI	305B	3	Metaphysics	11:00 - 12:45
PhI	402	3	Eastern Philosophy	9:05 - 10:50
PhI	413	3	History of Ancient and Medieval Philosophy	11:00 - 12:45
Phy	211	4	General Physics I	8:30 - 10:50
Lab			Laboratory (Monday & Wednesday)	12:00 - 2:00
Phy	315	3	Scientific Programming	9:05 - 10:50
Pol	101	3	Science of Government	9:05 - 10:50
Pol	103	3	Political Geography	11:00 - 12:45
Pol	201	3	American Federal Government	9:05 - 10:50
Pol	203	3	Political Theory	11:00 - 12:45
Psy	101	3	General Psychology I	11:00 - 12:45
Psy	212	3	Statistics I	9:05 - 10:50
Qnt	270	3	Introduction to Business Statistics	9:05 - 10:50
Qnt	371	3	Operations Research Models	11:00 - 12:45
Soc	101	3	Principles of Sociology	9:05 - 10:50
Soc	304	3	Marriage and The Family	11:00 - 12:45
Soc	418	3	Cultural Anthropology	9:05 - 10:50
Soc	430	3	Field Seminar in Criminal Justice	Arranged
The	117	3	Sacred Scripture	9:05 - 10:50
The	250	3	Theology of the Church	11:00 - 12:45
The	260	3	Studies in Jesus of Nazareth, The Christian Messiah	11:00 - 12:45

## SECOND SESSION

DEPT.	NO.	CREDIT	COURSE	TIME
Acc	102	3	Managerial Accounting	9:05 - 10:50
Acc	202	3	Accounting Theory II	9:05 - 10:50
Adm	391	3	Law of Agency, Partnerships and Corporations	9:05 - 10:50
Bio	118	3	General Biology	8:30 - 10:50
Bio	202	4	The Invertebrates	8:30 - 10:50
Lab			Laboratory (Tuesday & Thursday)	11:30 - 2:30
Chm	112	4	General Chemistry and Qualitative Analysis II	8:30 - 10:50
Lab			Laboratory	



DEPT.	NO.	CREDIT	COURSE	TIME
Chm	312	4	Organic Chemistry	8:30 – 10:50
Lab			Laboratory	
Ecn	112	3	Principles of Economics II	11:00 – 12:45
Ecn	314	3	Economics and Business Statistics II	9:05 – 10:50
Edc	301	3	The School: Introduction to Education	11:00 – 12:45
Edc	302	3	The Child: Educational Psychology	11:00 – 12:45
Edc	303	3	The Teacher: Analysis of Teaching	9:05 – 10:50
Eng	206	3	Approach to Literature II	9:05 – 10:50
Eng	306	3	Introduction to Descriptive Linguistics	11:00 – 12:45
Eng	367	3	American Literature (Since 1920)	9:05 – 10:50
Eng	412C	3	Special Literary Topic: American Literature	11:00 – 12:45
Esc	102	3	Historical Geology	9:05 – 10:50
Lab			Laboratory (Tuesday & Thursday)	11:30 – 2:30
Esc	104	3	Descriptive Astronomy II	11:00 – 12:45
Fine Arts:				
Art	205	3	Elements of Art	9:05 – 10:50
Mus	205	3	Introduction to Music	11:00 – 12:45
Mus	324	3	Contemporary Music	9:05 – 10:50
Fin	231	3	Corporation Finance	9:05 – 10:50
Foreign Languages:				
Frn	102	3	Elementary French	9:05 – 10:50
Frn	204	3	Intermediate Readings	9:05 – 10:50
Ger	204	3	Intermediate Readings	9:05 – 10:50
Lat	204	3	Intermediate Latin	9:05 – 10:50
Spn	102	3	Elementary Spanish	9:05 – 10:50
Spn	204	3	Intermediate Readings	9:05 – 10:50
His	202	3	Introduction to European History	9:05 – 10:50
His	220	3	The United States	11:00 – 12:45
His	339	3	The History of Black America	9:05 – 10:50
Mgt	240	3	Management of Production	9:05 – 10:50
Mgt	241	3	Organizational Theory	11:00 – 12:45
Mth	102	3	Introduction to Calculus	9:05 – 10:50
Mth	103	4	Algebra and Trigonometry	8:30 – 10:50
Mth	106	4	Calculus and Analytic Geometry I	8:30 – 10:50
Mth	122	3	Computer Science II	11:00 – 12:45
Mth	217	4	Calculus and Analytic Geometry III	8:30 – 10:50
PhI	400	3	Philosophies of God	9:05 – 10:50
Phl	401	3	Aesthetics	11:00 – 12:45
Phl	403	3	American Philosophy	9:05 – 10:50
Phl	405	3	Phenomenology and Existentialism	11:00 – 12:45
Phl	410	3	Principles and Problems of Ethics	9:05 – 10:50
Phl	414	3	History of Modern and Contemporary Philosophy	11:00 – 12:45
Phy	212	4	General Physics II	8:30 – 10:50
Lab			Laboratory (Monday & Wednesday)	12:00 – 2:00
Pol	103	3	Political Geography	9:05 – 10:50
Pol	305	3	Public Administration	Mon., Tue. & Thu. 4:30 – 6:30 PM
Pol	407	3	International Relations	11:00 – 12:45
Psy	201	3	General Psychology II	11:00 – 12:45
Psy	213	3	Statistics II	9:05 – 10:50
Psy	324	3	Personality Dynamics and Adjustment	9:05 – 10:50
Qnt	270	3	Introduction to Business Statistics	11:00 – 12:45
Qnt	373	3	Quality Control and Reliability Assurance	9:05 – 10:50
Soc	103	3	Social Disorganization	9:05 – 10:50
Soc	306	3	Minority Groups	11:00 – 12:45
The	150	3	Introduction to Religion	9:05 – 10:50
The	350	3	Contemporary Moral Theology	11:00 – 12:45

# description of courses

## ACCOUNTING

Accounting 101 3 credits

### Principles of Accounting

A thorough 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.

Accounting 102 3 credits

### Managerial Accounting

Attention is given to the relationship between an understanding of accounting procedures and the ability to use accounting data effectively; the interrelationships between financial statements and the methods of accumulating data for these statements and how the particular accounting methods used, in turn, influence the business decisions to be made. Emphasis is placed on such problems as depreciation methods, inventory valuation, alternative methods of obtaining capital and the measurement and control of costs within the corporate entity. Prerequisite: Accounting 101.

Accounting 201 3 credits

### Accounting Theory

Application of current accounting principles and procedures to such problems as balance sheet valuation, profit determination, equity presentation, flow of working capital, depreciation of tangibles and intangibles, application of funds and comparative statement presentation. Prerequisite: Accounting 101-102.

Accounting 202 3 credits

### Accounting Theory II

Continuation of Accounting 201. Prerequisites: Accounting 201 and sophomore standing.

## ADMINISTRATION

Administration 290 3 credits

### Law of Contracts

Introduces the student to the more common rules and principles governing business transactions; the rights and duties of individuals resulting from contractual and quasi-contractual obligations.

Administration 322 3 credits

### Managerial Economics

Forms of competitive behavior, uses of marginal cost analysis, pricing techniques, and profit and

demand measurement and forecasting are explored. Major effort is devoted to the process of evaluating alternative business solutions and tentatively formulating policies. Prerequisites: Mathematics 101, 102 and junior standing. Both terms.

Administration 391 3 credits

### Law of Agency, Partnerships and Corporations

Common and statute laws relative to the creation, operation and termination of agencies, partnerships and corporations. Emphasis on the Common Law of Agency, the Uniform Partnership Act and the Business Corporation Law of Pennsylvania. Prerequisite: Administration 290.

## BIOLOGY

Biology 117-118 3-6 credits

### General Biology

A terminal course for those who can take only one year of biology. Structure and metabolism of seed plants and vertebrate animals; brief survey of the plant and animal kingdoms. Consideration of evolution, ecology, and genetics of both plants and animals. Two hours lecture, two hours laboratory.

Biology 201S 3 credits

### The Living Organism

Integrated principles of modern biology; the attributes of life and hypotheses of its genesis; the continuity of life and its diversification; energy sources and the biological energy cycles; cells, organisms and their structure and communities. This is a lecture course designed especially for students repeating biology 201. No laboratory is offered.

Biology 202 4 credits

### The Invertebrates

Life processes, phylogenetic advances, and basic classification of the major pre-Chordate phyla with emphasis on their evolution and ecology. Three hours lecture, two hours laboratory.

## CHEMISTRY

Chemistry 111-112 4-8 credits

### General Chemistry and Qualitative Analysis

Fundamental concepts, laws, and theories of chemistry; emphasis on the principles of ionization, chemical equilibria, solubility product, hydrolysis and complex ions. Laboratory experiments stress the quantitative aspects; experiments of the latter half of the second semester are devoted entirely to qualitative analysis. Three hours lecture, three hours laboratory.

Chemistry 311-312 4-8 credits  
Organic Chemistry

Emphasis is placed on the modern approach to structure and reaction mechanisms; intended for chemistry majors; Prerequisite: Chemistry 111-112. Three hours lecture, three hours laboratory.

## EARTH SCIENCE

Earth Science 101 3 credits  
Physical Geology

Principles of physical geology, including classification of rocks, weathering, earthquakes, volcanoes, glaciation, marine erosion and mountain building. Two hours lecture, two hours laboratory and field trips.

Earth Science 102 3 credits  
Historical Geology

The geological history of the world, with special reference to eastern North America. The evolution of life through the ages. Two hours lecture, two hours laboratory and field trips.

Earth Science 103-104 3-6 credits  
Descriptive Astronomy

The celestial sphere and its coordinates; the telescope and other astronomical instruments, time and the calendar; the solar system; the stars—their distances, motion, spectra, luminosity, and development; binary and multiple star systems, nebula; and the external galaxies.

## ECONOMICS

Economics 111 3 credits  
Principles of Economics I

Fundamental economic principles and processes including such topics as national income, employment theory, monetary and fiscal policy, public debt, business cycles and inflation.

Economics 112 3 credits  
Principles of Economics II

A continuation of Economics 111. Topics treated include economic growth, price theory, international trade, development theory, and certain topics in applied economics.

Economics 313 3 credits  
Economics and Business Statistics I

General introduction to the basic ideas and procedures of statistical analysis with special emphasis on their application to economics and business. Methods of statistical description, index numbers and time series analyses.

Economics 314 3 credits  
Economics and Business Statistics II

Foundations of statistical inference as applied to decision-making on the basis of limited information. Basic concepts of probability, probability distributions, estimation and test of hypotheses, regression and correlation techniques.

## EDUCATION

Education 301 3 credits  
The School: Introduction to Education

The role of the public school in American society. Particular attention to historical, social, and philosophical background.

Education 302 3 credits  
The Child: Educational Psychology

Study of psychological principles as they apply to the pupil and the learning process at the secondary school level.

Education 303 3 credits  
The Teacher: General Methods of Teaching

Common problems met by the teacher in the classroom; lesson planning, tests and measurements, teaching techniques, classroom management.

## ENGLISH

English 101 3 credits  
Composition

Training in exposition and argumentation. Weekly themes.

English 102 3 credits  
Composition

Writing assignments based upon readings in short fiction; the research paper. Prerequisite: English 101.

English 205 3 credits  
Approach to Literature

Training for literary understanding and appreciation through a study of the types of literature, particularly the drama and the novel.

English 206 3 credits  
Approach to Literature

Training for literary understanding and appreciation through a study of poetry and the novel.

English 306 3 credits  
Introduction to Descriptive Linguistics

Nature of language; modern methods of linguistic analysis. Social and cultural background of language.

English 328 3 credits

Shakespeare

Reading of a wide selection of plays and sonnets with a concern for Shakespeare's artistic development.

English 363 3 credits

English Literature of the Romantic Period

An historical survey of the lyric and narrative poets Coleridge, Wordsworth, Byron, Shelley, Keats, their practice and theory. Pertinent references to their contemporaries.

English 367 3 credits

American Literature (Since 1920)

Survey of developments in poetry, fiction, and criticism; figures include Hemingway, Fitzgerald, Faulkner, Frost, Eliot, Steinbeck, and selected writers of the 1950's and 1960's.

English 412A 3 credits

Special Literary Topics

Contemporary American Literature 1949-1969.

English 412B 3 credits

Special Literary Topics

Yeats and his contemporaries.

English 412C 3 credits

Special Literary Topics

Major figures in Modern American Literature: Hemingway, Steinbeck, Faulkner.

English 416 3 credits

Readings in Modern Drama

A study of selected plays of the modern theatre from Ibsen to Ionesco, with an emphasis on the forces which have shaped the drama of England, Ireland, and America.

English 420 3 credits

Contemporary Poetry

An examination of representative 20th century poetic practice in English.

## FINANCE

Finance 230 3 credits

Principles of Finance

An investigation of the nature and concepts of money and credit; the financial structure of the United States and the sources of credit; and the effects of Federal Reserve and U.S. Treasury actions on financial institutions.

Finance 231 3 credits

Corporation Finance

A survey of the field of corporation finance, analyzing the corporation from its promotion through the determination of its capitalization and capital structure, and decisions as to the alternate sources of funds.

## FINE ARTS

Evening Division offerings in these subjects are listed under Humanities.

Art 205 3 credits

Elements of Art

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

Music 205 3 credits

Introduction to Music

An examination of the fundamentals of music. Survey of the musical styles of western civilization through a study of representative works. Planned listening assignments.

Music 302 3 credits

A Short History of Opera

Music for the operatic stage from its inception to the contemporary period. Concentrated study of selected works representing the stylistic and historical development of opera.

## FOREIGN LANGUAGES

### FRENCH

French 101-102 3-6 credits

Elementary French

A study of the phonetics and grammar of French with graded work in reading and composition. One required hour per week in the language laboratory.

French 202 3 credits

Review Grammar and Composition

A review of French grammar with exercises in composition and selected readings. Prerequisite: French 102.

French 204 3 credits

Intermediate Readings

Readings of medium difficulty selected as an introduction to the literature and civilization of France. Prerequisite: French 202.

### GERMAN

German 202 3 credits

Review Grammar and Composition

Grammatical review, exercise in composition, and selected readings. Prerequisite: German 102. Weekly audio-oral laboratory assignments.

German 204 3 credits

Intermediate Readings

Selected readings of moderate difficulty from writers of the eighteenth, nineteenth, and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Prerequisite: German 202.

**Greek 408** **Drama** **3 credits**  
 Selections from the repertory of Greek comedy or tragedy; attention to the subsequent influence of this genre on world literature. May be repeated for credit.

**Latin 202-204** **Intermediate Latin** **3-6 credits**  
 Review of elementary grammar; readings of selected prose and poetry.

**SPANISH**  
**Spanish 101-102** **Elementary Spanish** **3-6 credits**  
 Designed to provide a fundamental capacity in conversation; audio-oral method employed. Grammar is presented strictly on a functional basis to facilitate speech and comprehension. One required hour per week in the language laboratory.

**Spanish 202** **Review Grammar and Composition** **3 credits**  
 Grammatical review, exercises in composition and selected readings. Prerequisite: Spanish 102. One required hour per week in the language laboratory.

**Spanish 204** **Intermediate Readings** **3 credits**  
 Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. One required hour per week in the language laboratory.

## HISTORY

**History 201-202** **Introduction to European History** **3-6 credits**  
 Topics in the history and geography of Europe from the barbarian invasions to the fall of the Third Reich.

**History 219-220** **The United States** **3-6 credits**  
 The shaping of the nation from its earliest settlement to its present position of world leadership and an exploration of the role of minority groups in this development.

**History 339** **The History of Black America** **3 credits**  
 A survey of the Negro experience in America to include social, economic, political and religious trends since 1890.

**History 350** **Reformation** **3 credits**  
 Topics illustrating the economic, social, religious, and political changes in western society from 1500 to 1600.

## MANAGEMENT

**Management 240** **Management of Production** **3 credits**  
 An introduction to the production activity: problems related to planning, scheduling, inventory control, plant layout, plant location, work methods, personnel motivation and productivity measurement.

**Management 241** **Organizational Theory** **3 credits**  
 An introduction to the various theories of administration and organization from the bureaucratic, motivational, and cognitive aspects. Emphasis will be placed on critical analysis, comparing and contrasting differing viewpoints for solving the manager's problems.

**Management 343** **Labor Problems in America** **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.

**Management 344** **Personnel Administration** **3 credits**  
 Designed to train students to analyze existing programs to adapt procedures and to develop original methods which will insure efficient personnel administration. Topics include job analysis, selection, promotion and transfer, attitudes and morale, health and safety.

## MARKETING

**Marketing 362** **Management of Promotion** **3 credits**  
 Theory and concepts employed by organizations in presenting their marketing messages through various communication media. Analysis of the psychological, sociological and economic variables affecting promotion decisions; strengths and limitations of marketing communications models. (402). Prerequisite: Marketing 260.

## MATHEMATICS

**Mathematics 101** **Probability and Matrices** **3 credits**  
 Sets; logic; counting procedures; probability; linear systems; matrices.

**Mathematics 102** 3 credits  
Introduction to Calculus  
The real number system; elementary functions; differential and integral calculus.

**Mathematics 103** 4 credits  
Algebra and Trigonometry  
Sets; the real number system; linear systems; matrices; logarithmic, exponential and trigonometric functions; theory of equations.

**Mathematics 106** 4 credits  
Calculus and Analytic Geometry I  
Functions; limits and continuity; differentiation of algebraic functions; maxima and minima; curve tracing, velocity and acceleration; integration with applications to areas, volumes, surfaces and work; the fundamental theorem of the calculus.

**Mathematics 121** 3 credits  
Computer Science I  
Basic programming and program structure; data representation; survey of computers, languages, systems and applications; computer solution of several numerical and nonnumerical problems.

**Mathematics 122** 3 credits  
Computer Science II  
Computer systems organization, machine language, logic design, micro-programming, interpreters; symbolic coding, assembly systems, macro-definition, generation; program segmentation and linkage; systems and utility programs.

**Mathematics 201** 3 credits  
Linear Algebra  
Linear equations and matrices; real vector spaces; linear transformations and matrices; determinants; eigenvalues and eigenvectors. Prerequisite: Mathematics 102 or 106.

**Mathematics 216** 4 credits  
Calculus and Analytic Geometry II  
Differentiation and integration of transcendental functions; techniques of integration; improper integrals; conic sections; polar coordinates. Prerequisite: Mathematics 106.

**Mathematics 217** 4 credits  
Calculus and Analytic Geometry III  
Linear algebra; vector functions; partial differentiation; multiple integration; infinite series; Taylor expansions. Prerequisite: Mathematics 216.

## PHILOSOPHY

**Philosophy 107** 3 credits  
Logic  
An introduction to the science of correct thinking as reflected in the processes of definition, construction of syllogisms, and analysis of common fallacies. The course includes both traditional and modern approaches to logic.

**Philosophy 206** 3 credits  
Philosophies of Man  
An investigation of the nature and powers of man, the origin and destiny of the human soul, and the nature of human knowledge and human freedom, with emphasis both on the Aristotelian-Thomistic approach and contemporary variations. Prerequisite: Philosophy 107.

**Philosophy 305** 3 credits  
Metaphysics  
An analysis of the broadest and most fundamental aspects of reality and knowledge as conceived by the major philosophers, including a discussion of the existence and nature of God. Prerequisite: Philosophy 206.

**\*Philosophy 400** 3 credits  
Philosophies of God  
Philosophical approaches to the existence and nature of God in the writings of classical philosophers from the ancients through the contemporaries. Themes include theism, atheism, agnosticism, pantheism, and panentheism.

**\*Philosophy 401** 3 credits  
Aesthetics  
A consideration of the nature of art, art activity, art appreciation, and the function of art, with special reference to art history. The course seeks to provide the student with an elementary basis for forming a critical judgment with respect to art (and fine art) in general and specific works of art in particular.

**\*Philosophy 402** 3 credits  
Eastern Philosophy  
A comparative study of Asian thought with special emphasis on philosophies originating in India and China. Logical, metaphysical, epistemological, ethical, and political problems will be used as a framework for the study.

**\*Philosophy 403** 3 credits  
American Philosophy  
A study of vital American thought in three periods: New England transcendentalism; the classical group (Pierce, James, Royce, Santayana, Dewey, Whitehead); and the contemporary movements as seen in the philosophies of Perry, Hocking, Mead, Sellars, Lovejoy, and Brightman. The course will discuss American thought in its relationship to pragmatism, process philosophy, and personalism.

\*Prerequisite for all 400 courses: Philosophy 305.



**Philosophy 405** 3 credits  
Phenomenology and Existentialism  
An approach to contemporary existentialism through the philosophies of Hegel, Kierkegaard, Nietzsche, Husserl, and Heidegger. The course will study in detail the existentialist philosophies of Sartre, Marcel, Jaspers and Unamuno, and will investigate the religious existentialism of Buber and Tillich, and the literary existentialism of Camus and Simone de Beauvoir.

**\*Philosophy 410** 3 credits  
Principles and Problems of Ethics  
An exposition of the principles governing the rightness and wrongness of human actions, along with an analysis of human happiness, the role of the natural moral law and the nature of virtue. Instruction in the application of ethical principles in the solution of problems in family, political, business, professional and international societies.

**\*Philosophy 413** 3 credits  
History of Ancient and Medieval Philosophy  
A survey of philosophy from the early Greek thinkers through the decline of Scholasticism.

**\*Philosophy 414** 3 credits  
History of Modern and Contemporary Philosophy  
A survey of philosophy from the Renaissance period through contemporary thinkers.

## PHYSICS

**Physics 211-212** 4-8 credits  
General Physics  
Mechanics, heat, light, sound, electricity and magnetism, and modern physics. Prerequisite: Mathematics 106. Three hours lecture, two hours laboratory.

**Physics 315** 3 credits  
Scientific Programming  
The elements of computer programming with emphasis on the Fortran language and its scientific applications. Open to all science majors and designed to enable the student to utilize computer techniques in his own field of study. Two hours lecture, two hours laboratory.

## POLITICAL SCIENCE

**Political Science 101** 3 credits  
Science of Government  
A study of the nature of political authority, the state, its organs and their functions.

**\*Prerequisite for all 400 courses: Philosophy 305.**

**Political Science 103** 3 credits  
Political Geography  
A survey of the geographic factors influencing the real and potential economic and political development of nations.

**Political Science 201** 3 credits  
American Federal Government  
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 the states.

**Political Science 203** 3 credits  
Survey of Political Thought  
An analysis of the major political writers from Plato to the present. Emphasis on each author's concept of the state, its function and end, and his solution to the problem of the reconciliation of the common good with individual freedom.

**Political Science 305** 3 credits  
Public Administration  
An analysis of the role, internal characteristics and political activity of United States administrative agencies; the methods and effectiveness of political control by legislative and executive bodies; the relation of administrative agencies to democratic political theory especially in the urban context.

**Political Science 407** 3 credits  
International Relations  
An analysis of the basic patterns and major factors underlying international politics. Consideration of current international problems.

## PSYCHOLOGY

**Psychology 101** 3 credits  
General Psychology I  
Introduction to the scientific study of human behavior. Emphasis on methods of psychological research and principles and theories developing from this research.

**Psychology 201** 3 credits  
General Psychology II  
A continuation of Psychology 101. For students who plan to major in psychology and for other students who desire a more intensive coverage of the principles and theories of psychology than is possible in the first course.

**Psychology 212** **3 credits**  
**Statistics I**  
An introduction to statistics, emphasizing such descriptive measures as central tendency, variability and correlation. Prerequisite: Mathematics 103-106 or equivalent with permission.

**Psychology 213** **3 credits**  
**Statistics II**  
An intermediate course in inferential statistics, emphasizing such techniques as the analysis of variance and t-tests. Prerequisite: Statistics I or equivalent.

**Psychology 324** **3 credits**  
**Personality Dynamics and Adjustment**  
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.

## QUANTITATIVE ANALYSIS

**Quantitative Analysis 270** **3 credits**  
**Introduction to Business Statistics**  
Theory, methods, and applications of descriptive and inferential statistical techniques for management problem solving. (313). Prerequisite: sophomore standing.

**Quantitative Analysis 371** **3 credits**  
**Operations Research Models**  
Linear programming, dynamic programming, inventory theory, simulation, queueing models, and other topics from operations research. Prerequisites: Quantitative Analysis 270 and junior standing.

**Quantitative Analysis 373** **3 credits**  
**Quality Control and Reliability Assurance**  
Application of concepts of sampling, statistical inference, and experimental design to problems of reliability assurance and quality control in systems design, production, and operation. Prerequisite: Quantitative Analysis 270.

## SOCIOLOGY

**Sociology 10** **3 credits**  
**Institute in Criminal Justice**  
Designed for law enforcement and correctional personnel, this course will involve a consideration of the causes and treatment of crime and delinquency.

Special emphasis will be given to current legal and social changes facing criminal justice personnel. Lecture and discussion sessions will feature guest speakers and faculty. Offered only during summer sessions.

**Sociology 101** **3 credits**  
**Principles of Sociology**  
The role of society and culture in determining human behavior.

**Sociology 103** **3 credits**  
**Social Disorganization**  
A study of current maladjustments in urban and rural human relationships, and of the agencies designed to assist groups and individuals concerned.

**Sociology 304** **3 credits**  
**Marriage and the Family**  
Mate selection, marriage, and child-rearing in a changing world.

**Sociology 306** **3 credits**  
**Minority Groups**  
Examination of the racial and ethnic groups that compose American society. Emphasis on the processes involved in social change in intergroup relations.

**Sociology 418** **3 credits**  
**Cultural Anthropology**  
A cross-cultural study of the influence of culture in explaining human behavior in primitive and modern societies.

**Sociology 429** **4 credits**  
**Field Seminar in Criminal Justice**  
An interpretation of the correctional process through field placement in law enforcement, judicial, and correctional agencies, and class sessions in the theory and practice of corrections.

**Sociology 499** **6 credits**  
**Comparative Urban Studies:  
A Cross Cultural Perspective**  
A series of seminars and on-site field experiences in which the student contrasts various institutional patterns found in Great Britain and Denmark with those of the United States. (Further information about this course is given at the back of this Bulletin.)

## THEOLOGY

**Theology 117** **3 credits**  
**Sacred Scripture**  
An introduction to contemporary biblical studies through an analysis of selected books of the Old and New Testaments with focus on the unifying themes and the theological thought they contain.

**Theology 150** **Introduction to Religion** **3 credits**

Religion as a human enterprise. Its personal and social dimension. Commitment as fundamental to religion. Theology as understanding the commitment. Religion and Revelation. The contemporary religious scene.

**Theology 250** **Theology of the Church** **3 credits**

A study of the nature, function, and goals of the Church, especially in the light of Vatican II. The roles of the hierarchy and of the laity and their relationship within the Church as well as with the total human family will be examined. Specifically, questions concerning authority, Church structures, lay participation, and the impact of the Church on the lives of its members will be treated.

**Theology 260** **Studies in Jesus of Nazareth,** **3 credits**  
**The Christian Messiah**

Recent discussions of the historical verifiability of the acts of Jesus as described in the Gospels; the community's belief in Jesus as producing the Christian dogmas on Christ; the Christological controversies of the first five centuries; contemporary views of Jesus' actions as redemptive for mankind.

**Theology 350** **Contemporary Moral Theology** **3 credits**

The nature of faith as an essential facet of the mature personality; an examination and discussion in the light of modern discoveries of some selected problems contemporary man faces, particularly regarding free will, sex, love, and the historicity of man.



LA SALLE COLLEGE

1972



**SUMMER SESSIONS**

**FIRST SESSION**

May 30 to July 6

**SECOND SESSION**

July 10 to August 17

**evening sessions**

Philadelphia, Pa. 19141

# academic calendar

## SUMMER, 1972

	First Session	Second Session
Registration . . . . .	May 24 and 25 (10:00 A.M. to 12:00 Noon) ( 7:00 P.M. to 8:30 P.M.)	July 7
Late Registration . . . . .	May 26, 30 and 31 ( 9:00 A.M. to 11:00 A.M.) ( 6:00 P.M. to 7:30 P.M.)	July 10 and 11
Classes Begin . . . . .	May 30	July 10
Last day for change of roster . . . . .	May 31	July 11
Last day to option Pass/Fail grade . . . . .	June 6	July 17
Last day for withdrawal . . . .	June 13	July 24
Final Examinations . . . . .	July 5 and 6	August 16 and 17
Grades due in Summer Sessions Office . . . . .	July 11	August 22

JUNE						
S	M	T	W	T	F	S
					1	2 3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

JULY						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

All classes meet from 6:30 P.M. to 9:30 P.M.

Three credit hour classes:  
Monday and Wednesday evenings  
or  
Tuesday and Thursday evenings

Four credit hour classes:  
Monday, Tuesday and Thursday evenings

AUGUST						
S	M	T	W	T	F	S
						1 2 3 4 5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

### EIGHT WEEK SESSION

June 19 to August 9

Classes meet on Mondays and Wednesdays  
6:30 P.M. to 8:50 P.M.

Subjects . . . . .	English 11 English 12
Registration . . . . .	June 15 6:30 P.M. to 8:30 P.M.
Classes Begin . . . . .	June 19
Final Examinations . . . . .	August 9
Grades due in Summer Sessions Office . . .	August 15

# general information

La Salle College, founded in 1863, is conducted by the Brothers of the Christian Schools; the Evening Division was founded in 1946. Two Summer Sessions of six weeks each, May 30 to July 6 and July 10 to August 17, are held.

The Summer Sessions can mean:

Lightening one's course program for next year;

Acceleration of time required to obtain a degree;

Removal of an academic deficiency;

Placement in advanced courses during the fall semester.

Besides matriculated La Salle students, men and women from other institutions are welcome, provided they obtain the approval of their own academic officers and meet the requirements of La Salle College.

La Salle College does not discriminate against any applicant for admission to the

college because of race, color, creed, or national origin. Admission to La Salle College is based solely upon an applicant's qualification and ability to meet the educational and other established admission requirements.

The staff of the Summer Sessions is selected from the regular faculty of La Salle College Evening Division.

Summer Sessions are conducted in air-conditioned classrooms and lecture halls.

High school graduates who wish to lighten their fall semester roster may take courses in Freshman English, Mathematics, Modern Languages and Social Sciences.

## FEES

Tuition (per credit hr.) . . . . .	\$42
Laboratory Fee (per semester) . . . . .	\$ 5
Late Registration . . . . .	\$10
Change of Course Fee . . . . .	\$ 5
Special Final Examination . . . . .	\$ 5

## **STUDENT AID**

Tuition payment must be taken care of at the time of registration by check, money order or cash. During the summer, there are also available student loan programs under the First Pennsylvania Bank Company, as well as National Defense Education Act loans, at minimal interest rates.

N.B. Loan must be taken out for both semesters at the time of registration for the first semester—for those who anticipate utilizing this service for both semesters.

## **TRANSCRIPTS**

At the time of registration students who wish credits transferred to another institution should fill out a request for transcript of grades.

## **PRE-REGISTRATION**

Students are encouraged to complete pre-registration forms immediately. Pre-registration forms may be secured in the Evening and Summer Sessions Office (College Hall 110). Final date for submitting pre-registration form is May 19, 1972. Use the pre-registration form supplied at the back of this bulletin.

## **FINAL REGISTRATION**

For the dates and hours of final registration, please refer to the Academic Calendar.

All students, even though pre-registered, must complete the process of final registration.

Rules of the College make payment of all fees an integral part of final registration; hence, registration is incomplete until all the fees have been paid.

Courses listed in this bulletin are subject to cancellation if there are not sufficient students registered for the course.

## **CHANGE OF ROSTER**

No course or section may be changed for another course or section without the approval of the Dean of the Summer Sessions. No change in course will be allowed after the first scheduled class meeting. A fee of \$5.00, payable in advance, will be charged for each course changed subsequent to the student's registration.

## **WITHDRAWALS**

After the completion of registration, a student will be considered in attendance unless an official statement of withdrawal is received from him. Ceasing to attend class or submitting a statement of withdrawal to an instructor does not constitute an official notice of withdrawal. Students who find it necessary to withdraw must complete the official withdrawal form and

have it validated by the Dean in College Hall 110. Students who fail to comply with this regulation, as well as those who for other than extraordinary reasons withdraw after the last date of withdrawal noted in the academic calendar, receive a failure for the course(s) involved.

N.B. The College reserves the right to withdraw a course if fewer than twelve students apply for admission to the course.

## **REFUNDS**

The Refund Policy of La Salle College is stated on the reverse side of the Student Matriculation Card. This policy is rigidly enforced. Ignorance of this policy does not relieve the student of any financial obligation.

## **ATTENDANCE**

Attendance at La Salle College is compulsory and absences from class and/or laboratories necessarily will affect the final grade. Missed laboratory work and examinations (other than final examination) may be completed at the discretion of the course instructor.

Any student who, because of unavoidable absence, is unable to take the final examination as scheduled must file a written request for a special final examination in the Office of the Dean. No special final examination will be

administered without the approval of both the instructor and the Dean. Each special final examination is subject to a fee of \$5.00. All make-up examinations must be completed by July 14 for the first summer session, and by August 25 for the second session.

## **RELIGIOUS ACTIVITIES**

The Chapel of La Salle College provides a convenient center both for personal meditation and for group worship. Its facilities and the services of the College Chaplain are available to the student body at all times.

## **ACTIVITIES**

All facilities of the Student Union Building, cultural and social center of La Salle College campus activities, will be open to students attending the Summer Sessions. The air-conditioned Music Room will be available for leisurely study, and food services will be offered in the air-conditioned Snack Bar.

## **EMERGENCIES**

Ordinarily, messages cannot be delivered to students on campus. However, under conditions of extreme emergency, the Summer Sessions Office will attempt to locate students during class hours. The number is Victor 8-8300, Ext. 400.



# FIRST SESSION

DEPT.	NO.	CREDIT	COURSE	TIME
Acc	1	4	Principles of Accounting	Mon. Tue. Thu.
Acc	3	4	Elementary Cost Accounting	Mon. Tue. Thu.
Acc	14	4	Intermediate Accounting Theory I	Mon. Tue. Thu.
B L	11	4	Law of Contracts	Mon. Tue. Thu.
Chm	10	3	Fundamentals of Chemistry	Tue. Thu.
Chm	11	4	Basic Principles of Chemistry I	Mon. Wed.
Lab			Laboratory	Tue. Thu.
Chm	23	4	Organic Chemistry I	Mon. Wed.
Lab			Laboratory	Tue. Thu.
Ecn	1	3	Principles of Economics I	Mon. Wed. or Tue. Thu.
Ecn	2	3	Principles of Economics II	Tue. Thu.
Edc	11	3	Education in Philosophical & Cultural Perspective	Mon. Wed.
Edc	12	3	Educational Psychology	Tue. Thu.
Eng	11	3	College Composition I	EIGHT WEEK SESSION
Eng	12	3	College Composition II	
Eng	21	3	Approach to Literature I	Mon. Wed. or Tue. Thu.
Eng	22	3	Approach to Literature II	Mon. Wed. or Tue. Thu.
Eng	23	2	Oral Composition	Tue. Thu.
Eng	34	4	Survey of English Literature I	Mon. Tue. Thu.
Eng	37	4	Shakespeare	Mon. Tue. Thu.
Eng	42	3	The Restoration and the 18th Century	Mon. Wed.
Eng	47	3	American Literature: 20th Century	Tue. Thu.
Eng	51	3	Readings in Drama	Mon. Wed.
Eng	56	4	Introduction to Structural Linguistics	Mon. Tue. Thu.
Eng	57	3	Creative Writing	Tue. Thu.
Foreign Languages:				
Frn	1	3	Elementary French	Tue. Thu.
Ger	1	3	Elementary German	Tue. Thu.
Ger	5	3	Review Grammar and Composition	Tue. Thu.
Spn	1	3	Elementary Spanish	Tue. Thu.
Spn	5	3	Review Grammar and Composition	Tue. Thu.
His	13	3	History of Western Civilization I	Tue. Thu.
His	15	3	History of the United States I	Mon. Wed. or Tue. Thu.
His	34	4	The United States in the 20th Century	Mon. Tue. Thu.
Hum	11	1	Readings: The Humanities	Wed., May 31*
Hum	22	3	Introduction to Music	Tue. Thu.
Hum	50	3	Modern World Literature	Tue. Thu.
Mgt	20	4	Industrial Management I	Mon. Tue. Thu.
Mkt	1	4	Principles of Marketing	Mon. Tue. Thu.
Mth	15	4	Survey of Mathematics I	Mon. Tue. Thu.
Mth	16	4	Survey of Mathematics II	Mon. Tue. Thu.
Mth	17	3	Introduction to Computer Programming	Tue. Thu.
Mth	23	4	Analytic Geometry & Calculus I	Mon. Tue. Thu.
Phi	11	3	Logic	Mon. Wed. or Tue. Thu.
Phi	12	3	Contemporary Philosophies of Man	Mon. Wed. or Tue. Thu.
Phi	13	3	Principles and Problems of Ethics	Mon. Wed. or Tue. Thu.
Phi	14	3	Philosophy of Science	Mon. Wed.
Phi	15	3	Philosophy of Communism	Tue. Thu.
Phi	16	3	Aesthetics	Mon. Wed.
Phi	17	3	American Philosophy	Tue. Thu.
Phi	18	3	Eastern Philosophy	Mon. Wed.
Phy	11	4	General Physics I	Mon. Tue. Thu.
PoI	2	4	American Federal Government	Mon. Tue. Thu.
Psy	2	4	Personnel Psychology	Mon. Tue. Thu.
Psy	3	4	General Psychology	Mon. Tue. Thu.
Psy	4	3	Abnormal Psychology	Tue. Thu.
Psy	8	3	Personality Dynamics	Mon. Wed.
Psy	9	3	Psychological Statistics I	Tue. Thu.
Soc	10	3	Institute in Criminal Justice	Tue. Thu.
Soc	11	4	Introductory Sociology	Mon. Tue. Thu.
Soc	12	3	Industrial Sociology	Mon. Wed.
Soc	13	3	Social Deviancy & Social Disorganization	Tue. Thu.

\*Initial class meeting, 6:00 P.M. – 6:30 P.M.

DEPT.	NO.	CREDIT	COURSE	TIME
Soc	14	4	Marriage and the Family	Mon. Tue. Thu.
Soc	18	3	Urban Sociology	Tue. Thu.
Sta	15	4	Business Statistics I	Mon. Tue. Thu.
Sta	21	4	Business Statistics II	Mon. Tue. Thu.
The	18	3	Theology of the Sacraments	Tue. Thu.
The	25	3	World Religions	Mon. Wed.
The	35	3	The Development of Jewish Religious Thought	Tue. Thu.

## SECOND SESSION

DEPT.	NO.	CREDIT	COURSE	TIME
Acc	2	4	Principles of Accounting II	Mon. Tue. Thu.
Acc	8	4	Individual Federal Income Taxes	Mon. Tue. Thu.
Acc	24	4	Intermediate Accounting Theory II	Mon. Tue. Thu.
Chm	12	4	Basic Principles of Chemistry II	Mon. Wed.
Lab			Laboratory	Tue. Thu.
Chm	24	4	Organic Chemistry II	Mon. Wed.
Lab			Laboratory	Tue. Thu.
Ecn	1	3	Principles of Economics I	Tue. Thu.
Ecn	2	3	Principles of Economics II	Mon. Wed. or Tue. Thu.
Edc	13	3	General Methods	Mon. Wed.
Eng	21	3	Approach to Literature I	Mon. Wed. or Tue. Thu.
Eng	22	3	Approach to Literature II	Mon. Wed. or Tue. Thu.
Eng	23	2	Oral Composition	Tue. Thu.
Eng	35	4	Survey of English Literature II	Mon. Tue. Thu.
Eng	36	4	American Literature: 19th Century	Mon. Tue. Thu.
Eng	43	4	Readings in Poetry	Mon. Tue. Thu.
Eng	46	3	Modern British Literature	Mon. Wed.
Eng	52	4	Literary Theory and Criticism	Mon. Tue. Thu.
Fin	1	4	Money and Banking	Mon. Tue. Thu.
Frn	2	3	Elementary French	Tue. Thu.
Ger	2	3	Elementary German	Tue. Thu.
Ger	6	3	Intermediate Readings	Tue. Thu.
Spn	2	3	Elementary Spanish	Tue. Thu.
Spn	6	3	Intermediate Spanish	Tue. Thu.
His	14	3	History of Western Civilization II	Tue. Thu.
His	16	3	History of the United States II	Mon. Wed. or Tue. Thu.
His	24	4	The Soviet Union	Mon. Tue. Thu.
Hum	11	1	Readings: The Humanities	Wed., July 12*
Hum	21	3	Elements of Art	Tue. Thu.
Mgt	21	4	Industrial Management II	Mon. Tue. Thu.
Mth	16	4	Survey of Mathematics II	Mon. Tue. Thu.
Mth	17	3	Introduction to Computer Programming	Tue. Thu.
Mth	24	4	Analytic Geometry and Calculus II	Mon. Tue. Thu.
Phl	11	3	Logic	Mon. Wed. or Tue. Thu.
Phl	12	3	Contemporary Philosophies of Man	Mon. Wed. or Tue. Thu.
Phl	13	3	Principles and Problems of Ethics	Mon. Wed. or Tue. Thu.
Phl	14	3	Philosophy of Science	Mon. Wed.
Phl	15	3	Philosophy of Communism	Tue. Thu.
Phl	16	3	Aesthetics	Mon. Wed.
Phl	17	3	American Philosophy	Tue. Thu.
Phl	18	3	Eastern Philosophy	Mon. Wed.
Phy	12	4	General Physics II	Mon. Tue. Thu.
PoI	8	4	Public Administration	4:00 – 6:30 P.M. Mon. Tue. Thu.
Psy	5	4	Child and Adolescent Psychology	Mon. Tue. Thu.
Psy	7	3	Social Psychology	Mon. Wed.
Psy	10	3	Psychological Statistics II	Tue. Thu.
Soc	12	3	Industrial Sociology	Mon. Wed.
Soc	16	3	Criminology	Tue. Thu.
Soc	19	3	Minority Groups	Mon. Wed.
Sta	15	4	Business Statistics I	Mon. Tue. Thu.
Sta	21	4	Business Statistics II	Mon. Tue. Thu.
The	11	3	Theology of the Bible	Tue. Thu.
The	14	3	Theology of the Church	Mon. Wed.

\*Initial class meeting, 6:00 P.M. – 6:30 P.M.

# description of courses

## ACCOUNTING

### Accounting 1 4 credits

#### Principles of Accounting – Part 1

The purpose of this course is to introduce the elements of accounting to future accountants and to those who are interested in other phases of business administration. A thorough training is given 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.

### Accounting 2 4 credits

#### Principles of Accounting – Part 2

#### *Prerequisite, Accounting 1*

Continuing the purpose of Accounting 1, this course embodies a detailed study of the application of current accounting principles and procedures to such problems as balance sheet valuation, profit determination, equity presentation, flow of working capital, application of funds, and comparative statement presentation and analysis.

### Accounting 3 4 Credits

#### Elementary Cost Accounting

#### *Prerequisite, Accounting 2*

Elementary Cost Accounting is designed to acquaint the student with the basic principles applied to the job cost and process cost systems, and with the uses and interpretations of cost information. The principal topics are the purchasing and issuing of materials and the maintenance of perpetual inventory records; control of labor; methods of distributing factory overhead expenses; evaluation of the problems involved in shrinkage and idle time; consideration of the forms used in job and process cost systems; and discussion of the necessity, importance and place of cost accounting in modern enterprises.

### Accounting 8 4 credits

#### Individual Federal Income Taxes

#### *Prerequisite, Accounting 2*

The primary purpose of this course is to give a comprehensive explanation of the federal structure as it applies to individuals and to provide experience in the application of tax principles to specific problems. The course covers the following topics: types of returns; rates; business and personal income; sales and exchange; business and personal deductions; and withheld and prepaid taxes.

### Accounting 14 4 credits

#### Intermediate Accounting Theory – Part 1

#### *Prerequisite, Accounting 2*

The general purpose of both parts of this course is to present the theories and problems, beyond the elementary level, which involve the proper recording of transactions and the preparation of financial statements. The first part comprises a review of the

accounting cycle; a general discussion of the preparation of financial statements; a detailed analysis of theory as applied to transactions affecting current assets, current liabilities, long-term investments, and their presentation on the balance sheet.

### Accounting 24 4 credits

#### Intermediate Accounting Theory – Part 2

#### *Prerequisite, Accounting 14*

The second part of Intermediate Accounting Theory includes a detailed presentation of theory as applied to plant and equipment, intangible assets, long-term debt, capital stock and surplus; the correction of errors or prior periods; an analysis of financial statements; and the statement of application of funds.

### Business Law 11 4 credits

#### Law of Contracts

Law of Contracts is designed to introduce the student to the essential nature of and the elements required in the formation of valid contracts. The topics covered are offer; acceptance; reality of consent; consideration; capacity of parties; illegality; writing; rights of third parties; performance and remedies.

## CHEMISTRY

### Chemistry 10 3 credits

#### Fundamentals of Chemistry

#### *Prerequisite, Physics 11*

This course is designed to introduce some of the basic principles of elementary chemistry for science majors in curricula other than chemistry. It covers stoichiometry, states of matter, thermochemistry, atomic and molecular structure, some organic structural chemistry, as well as the beginnings of reaction mechanisms and solution chemistry.

### Chemistry 11 4 credits

#### Basic Principles of Chemistry – Part 1

The aim of this course is to provide the student with a firm theoretical basis for understanding of the fundamentals of chemistry with major emphasis in the field of Inorganic Chemistry. The content of the first part of the course includes stoichiometry, the states of matter, thermochemistry, atomic and molecular structure, and the periodic chart. The descriptive chemistry is concerned principally with the non-metals.

### Chemistry 12 4 credits

#### Basic Principles of Chemistry – Part 2

#### *Prerequisite, Chemistry 11*

This course is a continuation of Chemistry 11. The content 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.

**Chemistry 23** **4 credits**

**Organic Chemistry – Part 1**

*Prerequisite, Chemistry 12*

The purpose of the first part of the course is to present the theoretical aspects of organic chemistry together with 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 chemical properties. Petroleum chemistry, proteins and carbohydrates are treated as special topics.

**Chemistry 24** **4 credits**

**Organic Chemistry – Part 2**

*Prerequisite, Chemistry 23*

In the second part of Organic Chemistry, mono-functional and polyfunctional aromatic compounds, and polyfunctional aliphatic compounds are considered. These compounds are 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.

## ECONOMICS

**Economics 1** **3 credits**

**Principles of Economics – Part 1**

This is a general introductory course designed to acquaint the student with fundamental economic principles and processes. The topics to be discussed in both parts of this course will include the organization of production, monopoly and competition, money and banking, governmental monetary and fiscal policy, price levels, the national income, level and fluctuation in income and employment, the price system, international trade, and the social encyclicals.

**Economics 2** **3 credits**

**Principles of Economics – Part 2**

*Prerequisite, Economics 1*

This course is a continuation of Economics 1. The content follows the description given above.

## EDUCATION

**Education 11** **3 credits**

**Introduction to Education**

The role of the public school in American society. Particular attention to historical background, philosophy, and objectives

**Education 12** **3 credits**

**Educational Psychology**

The aim of this course is the application of psychological principles concerned with the processes of growth and development, thinking, learning and motivation to the problems of education. Principles of mental hygiene and social psychology applied to educational problems in the home, the school, and the community.

**Education 13** **3 credits**

**General Methods**

Common problems met by the teacher in the classroom; lesson planning, tests and measurements, teaching techniques, classroom management, etc.

## ENGLISH

**English 10** **No credits**

**Fundamentals of English Composition**

A review course in grammar and composition intended for those who show by examination that they are not fully prepared for English 11.

**\*English 11** **3 credits**

**College Composition – Part 1**

Training in exposition; occasional papers in narration. Weekly themes; selected readings to stimulate writing; conferences with instructor.

**\*English 12** **3 credits**

**College Composition – Part 2**

*Prerequisite, English 11*

Writing assignments based upon readings in fiction; the research paper. Weekly themes; conferences with instructor.

**\*English 21** **3 credits**

**Approach to Literature – Part 1**

Training for literary understanding and appreciation through a study of the drama and fiction as art forms.

**\*English 22** **3 credits**

**Approach to Literature – Part 2**

Training for literary understanding and appreciation through a study of poetry.

**English 23** **2 credits**

**Oral Composition**

Speech composition, audience psychology, and technique of delivery; emphasis on practical speaking experience.

**English 34** **4 credits**

**Survey of English Literature—Part 1**

A study of the literary movements and forms from the old English period to the decline of Neoclassicism, with concentration on the representative authors and works.

**English 35** **4 credits**

**Survey of English Literature—Part 2**

A continuation of English 34, beginning with the Pre-Romantics and extending through the Edwardians.

**English 36** **4 credits**

**American Literature: 19th Century**

Romantic Movement, Rise of Realism, and Naturalism. Representative readings in those movements and in all forms except drama.

\*Successful completion of these courses is generally considered requisite for any advanced English course.

English 37 4 credits

**Shakespeare**

A reading of selected Shakespearean plays, with particular attention to Elizabethan rhetorical and poetical values that facilitate the re-creation of the plays in the theatre of the imagination.

English 42 3 credits

**The Restoration and the 18th Century**

A consideration of the literary theories of the neoclassical periods and a study of the works of such writers as Dryden, Pope, Swift, Addison and Steele, Johnson, and their outstanding contemporaries.

English 43 4 credits

**Readings in Poetry**

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 46 3 credits

**Modern British Literature**

A study of fiction, poetry, and drama written since the Second World War.

English 47 3 credits

**American Literature – 20th Century**

Survey of developments in poetry, fiction, and drama, including representative works of such writers as Hemingway, Fitzgerald, Faulkner, Frost, Eliot, O'Neill, Steinbeck, and selected representatives of the 1950's and 1960's.

English 51 3 credits

**Readings in Drama**

Survey of the important dramas of England from the Middle Ages to 1900; dramatic structure, historical and literary influences.

English 52 4 credits

**Literary Theory and Criticism**

An introduction to theories of literary structure and literary value; exercises in the description and evaluation of literary works; reports on assigned readings.

English 56 4 credits

**Introduction to Structural Linguistics**

Modern theories about the nature of language and new techniques for grammatical analysis. An attempt is made to apply the principles of linguistics to the teaching of English and of foreign languages.

English 57 3 credits

**Creative Writing**

Workshops in the writing of fiction and verse.

## FINANCE

Finance 1 4 credits

**Money and Banking**

Money and Banking is a course which is designed to give the student an understanding of the nature and operation of our money and banking systems, and of

the application of monetary and banking theory to current problems. Particular emphasis is placed on monetary standards and commercial bank operations. The effects of Federal Reserve policy and Federal Treasury fiscal policies on financial institutions are fully treated.

## FOREIGN LANGUAGES

### FRENCH

French 1 3 credits

**Elementary French**

This course is designed to familiarize the student with the basic rules governing French grammar and phonetics through intensive practice in reading, writing, comprehending and speaking French.

French 2 3 credits

**Elementary French**

*Prerequisite, French 1*

The study of basic French grammar is intensified and completed. Readings are continued in order to develop the student's ability to understand and use French.

### GERMAN

German 1 3 credits

**Elementary German**

The elementary course is designed to impart the basic rules governing German grammar and phonetics and to prepare the student for later mastery in the reading, writing, and speaking of the language.

German 2 3 credits

**Intermediate German**

*Prerequisite, German 1*

This course is a review of the fundamentals of grammar with emphasis on oral reading and exercises in composition.

German 5 3 credits

**Review Grammar and Composition**

This course stresses grammatical review, exercises in composition, and selected readings.

German 6 3 credits

**Intermediate Readings**

Selected readings of moderate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country.

### SPANISH

Spanish 1 3 credits

**Elementary Spanish**

The elementary course is designed to impart the basic rules governing Spanish grammar and phonetics, and to prepare the student for later mastery in the reading, writing, and speaking of the Spanish language.

Spanish 2 3 credits

**Intermediate Spanish**

*Prerequisite, Spanish 1*

The intermediate course in Spanish provides a review of grammar with advanced readings and exercises in composition. Special emphasis is given to phonetics.

Spanish 5 3 credits  
**Review Grammar and Composition**  
This course stresses grammatical review, exercises in composition and selected readings.

Spanish 6 3 credits  
**Intermediate Readings**  
Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country.

## HISTORY

History 13 3 credits  
**History of Western Civilization – Part 1**  
This is a survey of the political, economic, religious, social, intellectual and artistic development of Western Civilization from its Graeco-Roman origins to mid-seventeenth century.

History 14 3 credits  
**History of Western Civilization – Part 2**  
Continuation of History 13 from the mid-seventeenth century to modern times.

History 15 3 credits  
**History of the United States – Part 1**  
A study of the development of the United States and Pennsylvania from the founding of the colonies to 1865; covers the coming of the Revolution, the establishment of the Federal Government, the National Period, the Jacksonian Era, and the coming of the Civil War.

History 16 3 credits  
**History of the United States – Part 2**  
Continuation of History 15. Reconstruction, the economic development of the latter part of the nineteenth century, the Progressive Era and America in two world wars.

History 24 4 credits  
**The Soviet Union**  
The Russian revolutions of 1917 and the development of the Soviet Union during the last half-century.

History 34 4 credits  
**The United States in the 20th Century**  
Study of the United States from the Progressive Era to the present. Emphasizes the role of the United States in the international scene and the increasing role of government in domestic life.

## HUMANITIES

Humanities 11 1 credit  
**Readings: The Humanities**  
Independent reading of five important books in literature, history, and the social sciences. No regular class meetings. Essay examination for Pass-Fail grade.

Humanities 21 3 credits  
**Elements of Art**  
Aesthetic analysis of the elements of painting and sculpture; application of principles to several major artists.

Humanities 22 3 credits  
**Introduction to Music**  
An examination of the fundamentals of music. Survey of the musical styles of Western Civilization through a study of representative works. Planned listening assignments.

\*Humanities 50 3 credits  
**Modern World Literature**  
Readings—ranging through novels, poems, plays—in works by great Continental writers including Tolstoi, Undset, Gide, Mann, Pasternak, Lorca, Mauriac, Rilke, Unamuno and others. Prerequisites: English 21, 22.

## MANAGEMENT

Management 20 4 credits  
**Industrial Management—Part I**  
This course is designed to provide the student with an understanding of the basic principles and analytical techniques of management. The functions of planning, organizing, directing, and controlling are stressed, and the application of these functions to practical situations is aided by the use of cases to supplement readings and descriptive material.

Management 21 4 credits  
**Industrial Management—Part 2**  
The study of the principles and techniques of management is extended in this course. Work analysis, work standard development, motion economy, and production control are stressed and applied in the areas of production, procurement, and inventory management. Recently developed techniques are applied to management problems, and the impact of automation and electronic data processing on management is considered.

## MARKETING

Marketing 1 4 credits  
**Principles of Marketing**  
The purpose of this course is to provide the student with a broad background of the important principles and factors relating to the marketing functions in the American economy. The principal topics are the nature, significance and functions of marketing; consumer motivation; behavior and buying problems; wholesaling and retailing of consumer goods; marketing industrial goods and raw materials; market research and merchandise development; buying, selling, price policies and practices; channels of distribution; and governmental relationships to marketing.

\*Accepted by the English Department as an elective in literature.

# MATHEMATICS

Mathematics 15 4 credits

Survey of Mathematics – Part 1

Foundations of arithmetic, algebra, geometry (Euclidean and Non-Euclidean), elementary concepts of calculus, symbolic logic, linear programming. A terminal course; science students or potential science students should not schedule this course. It will not give sufficient background for further courses in mathematics required of science students.

Mathematics 16 4 credits

Survey of Mathematics – Part 2

*Prerequisite, Mathematics 15*  
Continuation of Mathematics 15.

Mathematics 17 3 credits

Introduction to Computer Programming

*Prerequisite: Mathematics 13*

Fundamentals of Fortran programming; this course is designed to aid the student in performing simple computer computations; problem solving is emphasized. The goal is to give the student some insight into the usefulness of this powerful tool.

Mathematics 23 4 credits

Analytic Geometry and Calculus – Part 1

*Prerequisite, Mathematics 12*

This is the first of a series of three consecutive courses in Analytic Geometry and Calculus in which an integrated treatment is given to the following subjects: the basic concepts of Analytic Geometry; graphs of functions; basic concepts of Calculus; the derivative with applications to curve tracing; maxima and minima; velocity, acceleration and rates; differentials; approximate values; integration.

Mathematics 24 4 credits

Analytic Geometry and Calculus – Part 2

*Prerequisite, Mathematics 23*

The topics considered in Part 2 of Analytic Geometry and Calculus are the integral as a summation method involving approximate and exact techniques; geometric and physical applications of the definite integral; an introduction to polar coordinates and conic sections; and the differentiation of trigonometric, logarithmic and exponential functions.

# PHILOSOPHY

Philosophy 11 3 credits

Logic

An introduction to the science of correct thinking as reflected in the processes of definition, construction of syllogisms, and analysis of common fallacies. The course includes both traditional and modern approaches to logic.

Philosophy 12 3 credits

Contemporary Philosophies of Man

*Prerequisite, Philosophy 11*

An investigation of the nature and powers of man, the origin and destiny of the human soul and the

nature of human knowledge, with emphasis both on the Aristotelian-Thomistic approach and contemporary variations.

Philosophy 13 3 credits

Principles and Problems of Ethics

*Prerequisite, Philosophy 12*

An exposition of the principles governing the rightness and wrongness of human actions, along with an analysis of human happiness, the role of the natural moral law and the nature of virtue. Instruction in the application of ethical principles in the solution of problems in family, political, business, professional and international societies.

Philosophy 14 3 credits

Philosophy of Science

An investigation of the relationship between philosophy and science from the standpoint of knowledge and method; philosophical problems common to the natural and social sciences. An historical survey will discuss the development of scientific method and the nature of scientific progress.

Philosophy 15 3 credits

Philosophy of Communism

A study of dialectical materialism considered as the philosophical foundation of contemporary socialism and communism. The basic writings of Marx, Engels, Lenin and their immediate disciples will be analyzed, along with the works of the French and British socialists.

Philosophy 16 3 credits

Aesthetics

A consideration of the nature of art, art activity, art appreciation, and the function of art, with special reference to art history. The course seeks to provide the student with an elementary basis for forming a critical judgment with respect to art [and fine art] in general and specific works of art in particular.

Philosophy 17 3 credits

American Philosophy

A study of vital American thought in three periods: New England transcendentalism; the classical group (Pierce, James, Royce, Santayana, Dewey, Whitehead); and the contemporary movements as seen in the philosophies of Perry, Hocking, Mead, Sellars, Lovejoy, and Brightman. The course will discuss American thought in its relationship to pragmatism, process philosophy, and personalism.

Philosophy 18 3 credits

Eastern Philosophy

A comparative study of Asian thought with special emphasis on philosophies originating in India and China. Logical, metaphysical, epistemological, ethical, and political problems will be used as a framework for the study.

## PHYSICS

**Physics 11** 4 credits  
**General Physics – Part 1**  
*Prerequisite, Mathematics 13*

The general course in physics introduces the student to the fundamentals of the science. The topics considered in Part I in lecture and laboratory are mechanics and fluid mechanics.

**Physics 12** 4 credits  
**General Physics – Part 2**  
*Prerequisites, Physics 11, Mathematics 23*

The second part of general physics covers the topics of sound, electricity, and magnetism.

## POLITICAL SCIENCE

**Political Science 2** 4 credits  
**American Federal Government**

This course provides a basic understanding of the organization, operation and function of the Federal Government of the United States. The principal topics considered are the constitutional basis of the Federal Government, the rights of the people, the political processes, and the organization, powers and operation of the various branches of the government.

**Political Science 8** 4 credits  
**Public Administration**

An analysis of the role, internal characteristics and political activity of United States administrative agencies; the methods and effectiveness of political control by legislative and executive bodies; the relation of administrative agencies to democratic political theory especially in the urban context.

## PSYCHOLOGY

**Psychology 2** 4 credits  
**Personnel Psychology**

The purpose of this course is to introduce students to the methods and empirical findings of personnel psychology. The course covers the use of psychological techniques practiced in the recruiting, interviewing, testing, selecting and placing of employees. The student will receive intensive training in the use of psychological tests for measuring intelligence, aptitude, interest and personality.

**Psychology 3** 4 credits  
**General Psychology**

An introduction to the facts and theories of the science of psychology. The nature of the human person and his behavior are studied, insofar as these are known from scientific observations. The nature, scope, and methods of modern scientific psychology, and biological and social foundations of behavior, motivation, and emotions constitute the subject matter.

**Psychology 4** 3 credits  
**Abnormal Psychology**

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 other forms of psychological deviation. Prerequisite: Psychology 1 or 3.

**Psychology 5** 4 credits  
**Child and Adolescent Psychology**

A survey of the development of children from birth through adolescence. Aspects of physical, intellectual, motor and personality development will be considered. The etiology and modification of deviant behavior in the various age groups will be discussed. Prerequisite: Psychology 1 or 3.

**Psychology 7** 3 credits  
**Social Psychology**

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 8** 3 credits  
**Personality Dynamics**

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.

**Psychology 9** 3 credits  
**Psychological Statistics—Part 1**

An introduction to statistics, emphasizing such descriptive measures as central tendency, variability and correlation. Prerequisites: Psychology 3; Mathematics 16.

**Psychology 10** 3 credits  
**Psychological Statistics—Part 2.**

An intermediate course in inferential statistics, emphasizing such techniques as the analysis of variance and t-tests. Prerequisite: Psychology 9.

## SOCIOLOGY

**Sociology 10** 3 credits  
**Institute in Criminal Justice**

Designed for law enforcement and correctional personnel, this course will involve a consideration of the causes and treatment of crime and delinquency. Special emphasis will be given to current legal and social changes facing criminal justice personnel. Lecture and discussion sessions will feature guest speakers and faculty. Offered only during summer sessions.



**Sociology 11** 4 credits

**Introductory Sociology**

The purpose of this course is to give the student a broad understanding of human behavior as it manifests itself in social relationships, social groups and society. The course includes an analysis of the structure and function of social organization, culture, socialization, social groups, social stratification, social institutions, collective behavior, and the community.

**Sociology 12** 3 credits

**Industrial Sociology**

This course is concerned with the study of the structural-functional aspects of industry and of trade unionism and with the interrelationship between the industrial society and the larger social order. Some of the topics treated are industry and its relationship to the community, to the family, to social classes, minority groups and government.

**Sociology 13** 3 credits

**Social Deviancy and Social Disorganization**

Significant social problems of American society in the areas of crime, delinquency, penology, race, ethnicity, mental health, population, the family and community disorganization will be discussed.

**Sociology 14** 4 credits

**Marriage and the Family**

A study of the factors which make for successful family life.

**Sociology 16** 3 credits

**Criminology**

A consideration of the causes of crime and the social and psychological characteristics of criminal behavior.

**Sociology 18** 3 credits

**Urban Sociology**

A study of urban growth and change with particular reference to the influence this has had on social relationships.

**Sociology 19** 3 credits

**Minority Groups**

An examination of the racial and ethnic groups that compose U.S. society. Emphasis on the processes involved in social change and inter-group relations.

**STATISTICS**

**Statistics 15** 4 credits

**Business Statistics – Part 1**

General introduction to the basic ideas and procedures of statistical analysis with special emphasis on their application to economics and business. Methods of statistical description, index numbers and time series analyses.

**Statistics 21** 4 credits

**Business Statistics – Part 2**

Foundations of statistical inference as applied to decision-making on the basis of limited information. Basic concepts of probability, probability distributions, estimation and test of hypotheses, regression and correlation techniques.

**THEOLOGY**

**Theology 11** 3 credits

**Theology of the Bible**

A presentation of the Person and redemptive mission of Christ through a study of the background, characteristics, and contents of the Gospels. The Incarnation is treated from the historic and dogmatic viewpoints. The approach includes a survey of ancient Israel's history, religion, and hope for a future Savior. Inspiration, inerrancy, and modern biblical criticism of the Old and New Testament, are explained, as well as the various literary forms.

**Theology 14** 3 credits

**Theology of the Church.**

The role of the Church in modern society. The common bond of Christianity is shown by studying the person of Christ and the historicity of the gospels. A study of the nature and mission of the Church is made with special emphasis on the second Vatican Council's Constitution on the Church and the Decree on Ecumenism. Stress is laid on the Mystical Body, and the role of the laity as the People of God.

**Theology 18** 3 credits

**Theology of the Sacraments**

The Church is viewed as the People of God and the Sacrament of the risen Christ. The Christian's participation in the Divine Trinitarian life through grace is demonstrated. The sacraments are seen in their ecclesial dimension as the saving acts of the living Christ; emphasis is placed on the Christian initiation; Baptism, Confirmation, and the Eucharist, as seen in the Constitutions of Vatican Council II.

**Theology 25** 3 credits

**Comparative Religions**

A cultural and historical approach to the rise and development of Judaism, Christianity, and Islam. The course will include discussion of the major religions, including principal Protestant theologians.

**Theology 35** 3 credits

**The Development of Jewish Religious Thought**

An extensive survey of the Jewish Religion, including discussion and analysis of Jewish theology, religious practices, ritual, and customs, treated in the light of other great religions of the world.

# off-campus program

**EARTH SCIENCE 310 – Physical Geography and Geology of Alaska** 6 credits

## OBJECTIVES OF COURSE

This course is designed for undergraduates to afford an on-site study of the regional geology and geography of Alaska. Emphasis will be on the environmental relationships existing among various physiographic regions in Alaska and the impact, both positive and negative, of man's activities in these physiographic areas. Specific topics to be studied include glaciology, permafrost, tectonics, paleontology, sedimentation, petroleum geology and environmental geology.

## PROGRAM

There will be a one hour lecture each day followed by an 8-10 hour field trip. Most of the course will be taught in the Anchorage area with several three day field trips to Fairbanks, Mt. McKinley National Park, and the Kenai Peninsula. Areas to be studied intensively in the Anchorage area include the Matanuska Glacier and Valley, Eklutna Glacier and Valley, Turnagain Arm of the Cook Inlet, Portage Glacier and surrounding glaciers, moraines and glacial features of Mt. Alyeska, Bootlegger Cove sediments and areas demonstrating seismic instability, Resurrection Bay, Seward, Whittier, gold and coal mines near Sutton, and the Chugatch Range. Both aerial and surface surveys will be made. Opportunity will be provided for those students interested in devoting time to a specific research topic.

## PHYSICAL ARRANGEMENTS

Field work will entail both hiking and climbing in rugged terrain. Participants should be in excellent physical condition and willing to undertake strenuous activity on both mountains and glaciers. Camping equipment will be needed for a total period of six days. Temperatures range from 40–78°F. in the area under study. Heavy rain conditions may prevail on certain occasions and participants should have foul weather gear. Participants will reside in Anchorage. Although La Salle College will not be responsible for place of residence in Anchorage, the professor in charge of the course will make every effort to find suitable accommodations if requested. Addresses of individuals offering accommodations at student rates are available.

## COST

Tuition \$252.00

All transportation expenses of field trips (automobile, train and plane) will be borne by La Salle College. Room and board are the responsibility of individual participants.

## TRANSPORTATION

Transportation to and from Anchorage is the responsibility of the individual participant. Students planning to fly are eligible for a student stand-by rate of approximately \$125.00, Philadelphia-Anchorage one way. Participants planning to drive should consider sharing expenses with other participants wishing transportation. Round trip mileage by automobile is 10,000 miles from Philadelphia.

## DATE OF COURSE

Since there are many areas of both geologic and scenic interest between Philadelphia and Anchorage, the dates listed for the course may be changed slightly to accommodate the itinerary of participants planning to drive.

## LIBRARY FACILITIES

A library of approximately 100 volumes dealing with the geology of Alaska will be available to participants. In addition, participants will have the use of libraries both at the U.S. Geological Survey in Anchorage and at several academic institutions within the Anchorage area.

All questions concerning registration and finances should be referred to:

Director of Admissions, Summer School  
La Salle College  
Philadelphia, Pa. 19141

## REGISTRATION

All participants must pre-register either personally or by mail with the Director of Admissions, Summer Sessions, at La Salle College by May 19, 1972. All participants in the Philadelphia area should schedule an interview with the professor directing the course in:

Room 212  
Roland Holroyd Science Center  
La Salle College  
Philadelphia, Pa. 19141  
VI8-8300, Ext. 376

## INFORMATION

Any questions concerning travel, clothing, accommodations in Anchorage, itinerary and course requirements should be referred to:

Geology of Alaska  
Room 212  
Roland Holroyd Science Center  
La Salle College



**PRE REGISTRATION**

ALL STUDENTS WHO WISH TO ATTEND SUMMER SESSIONS AT  
LA SALLE COLLEGE MUST PRE-REGISTER; USE THE FORM BELOW.  
STUDENTS FROM OTHER ACADEMIC INSTITUTIONS MUST PRO-  
VIDE THE APPROVAL OF THE PROPER ACADEMIC OFFICER.

-----

Name \_\_\_\_\_ first \_\_\_\_\_ middle \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ city \_\_\_\_\_ state \_\_\_\_\_ zip code \_\_\_\_\_

**SUMMER PRE-REGISTRATION  
1972  
La Salle College**

**STUDENT STATUS:** LSC DAY STUDENT   
LSC EVENING STUDENT  VISITOR

**APPROVAL**

This is to certify that the student named above  
has my permission to follow the courses listed.

Signed \_\_\_\_\_

Title \_\_\_\_\_

School \_\_\_\_\_

\_\_\_\_\_ Date submitted \_\_\_\_\_

<b>First Session</b>	
Course	No.
<b>Second Session</b>	
Course	No.

**LA SALLE COLLEGE BULLETIN**  
OFFICE OF SUMMER SESSIONS  
LA SALLE COLLEGE  
PHILADELPHIA, PA. 19141

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