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1932-1933 Pt. 2 Xavier University College of Liberal Arts and Sciences Course Catalog

Xavier University, Cincinnati, OH

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No. 5

THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(DOWNTOWN COLLEGE)

AUTUMN—WINTER—SPRING
SESSIONS



ANNOUNCEMENT OF COURSES
1933-1934

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GENERAL INFORMATION

REGISTRATION

Each applicant for admission is first required to fill out the regular registration blanks in the office of the Registrar. Registration will take place any week day, beginning September 4, until the opening of the session, from 9 to 12 A.M. and from 2 to 4 P.M.

LATE REGISTRATION. Late registrants are reminded of the regulation that "No credit may be granted students absent for any cause in excess of 25% of the total number of regular class meetings."

CHANGE OF REGISTRATION. After the opening day of the term each change in registration must be made in the office of the Registrar. By change of registration is meant dropping a course, adding a course, or substituting one course for another. Changes in registration for credit are not permitted after the first regular meeting of the course.

Saturday classes begin September 16. Afternoon classes Monday, September 18.

No course in any subject will be given unless a sufficient number of students apply for such course.

ADMISSION

Applicants for admission must be graduates of an approved academy or high school, and must moreover present units in certain prescribed subjects that their preparation may be in harmony with the course they propose to follow. These prescribed subjects are: English (4), Algebra (1), Plane Geometry (1), History (1), a science with laboratory (1). The restricted subjects are: Latin (4) for the A.B. course, a foreign language (2) for the B.S. and for the Ph.B. course, Intermediate Algebra ($\frac{1}{2}$) for the B.S. course. Units not accepted are: Those in vocational subjects if in excess of three units; a second unit in a given vocational or commercial subject, half units in year-subjects, and isolated or unrelated half units.

Requests for advanced standing must be accompanied by complete and official records of collegiate or normal school credit which must include the studies prescribed for the first and second year according to the advanced standing sought.

FEES

The matriculation fee, not required of students who have previously matriculated, is \$5. The tuition fee per credit hour is \$7.50, except in cases where a special fee is fixed for a particular course. The laboratory fees are proportionate with those paid in the long session. For example, the laboratory fee for a course in chemistry is \$10. All fees are payable at the time of registration. In case of withdrawal from a course, the matriculation fee is not refunded. Withdrawal from a course should be immediately reported by the student in person, or in writing, to the Registrar's office. No changes in registration may be made after the first regular meeting of the course.

Persons who wish merely to attend the lectures, or a portion of the lectures, in any course or courses, without doing the work connected therewith, are permitted to enroll in such course or courses as "auditors". Auditors pay the same fee as other students and enjoy the same privileges except that of being included in recitation and theme work

AFTERNOON CLASSES

In addition to the courses given on Saturdays, classes are held every afternoon from four to five-forty-five o'clock. These classes begin Monday, September 18.

HOME STUDY COURSES

For those who are unable to be present as students in residence during the Autumn-Winter-Spring Session a series of Courses in Latin has been arranged. These courses are under the supervision of our Correspondence Department in Latin.

COURSE I.—Latin, Eutropius, Nepos, Ovid. Selections from these Latin authors. A course for beginners.

COURSE II.—Latin Syntax, Constructions, Idioms. The whole of Latin Syntax is reviewed and Latin Composition based on the style of Caesar. An interesting feature of this course is a compilation of Latin Questions and Answers on Books I and II of Caesar's Gallic War. This course is especially helpful to teachers of High School Latin.

COURSE III.—Latin, Cicero, pro Roscio and pro Archia. These two orations are read in detail, the Roman Constitution is studied, advanced points of Latin syntax are reviewed. This is an excellent course for those who teach Cicero in the high school.

COURSE IV.—Virgil, Eclogues and Georgics. Most of the Eclogues and selections from the four Books of the Georgics are read. Students of the Aeneid will find this course beneficial.

COURSE V.—Cicero, de Senectute. This masterpiece of Cicero is read with great care. As a companion piece Guerber's Story of the Greeks is studied.

All these courses are arranged in mimeograph form. The student receives one lesson at a time. The courses are equivalent to Latin studied at college three times a week for a semester of eighteen weeks. Each course earns accordingly three semester hours credit. It takes from thirty to thirty-six weeks to complete a course. For further details concerning the Latin Correspondence Courses, address the Registrar.

SELECTION OF COURSES

Students who desire to obtain a degree should make formal application on blanks which will be furnished by the Registrar. They are urged to acquaint themselves with the requirements for the degrees and with the academic regulations governing the granting of them. Students who do not intend to work toward a degree may elect courses for which they are prepared by their previous training. If they should wish to apply credits thus earned toward a degree later on, credit will be granted for the work previously taken if it fits in with the prescribed courses and their proper correlation.

BACHELOR DEGREES

All candidates for a Bachelor's degree shall earn 128 semester hours of credit and 128 quality credits covering a four year's course. The last year of work required for a degree and constituting 32 semester hours shall be done in residence at the University. The subject requirements for the Bachelor's degrees are set down in the catalogue of Liberal Arts and Sciences (1933-34) on pages 31 and 32.

LOCATION

Classes will be held in the Downtown College, Seventh and Sycamore streets. Classes begin September 16 and end May 26. The Christmas recess begins after classes on December 20. Classes resume January 3.

DESCRIPTION OF COURSES

For the time the courses are given, see Schedule of Periods, pages 22 and 23.

No course in any department will be given unless a sufficient number of students apply for such course.

BIOLOGY

W-34-3c, 4c. **General Biology II.**—This course is a continuation of the Biology course given during the summer, 1933. The chief activities of animals, such as digestion, circulation, respiration, etc., are treated. The effect of the environment on animals and plants, a discussion of the Theory of Evolution, and human aspects of biology are discussed. Lectures and laboratory. Saturday morning, third and fourth period. Four semester hours credit.

James C. Perry, A.M.

CHEMISTRY

W-34-3b. **General Inorganic Chemistry, Introductory.**—This course covers the study of metallic and non-metallic elements, fundamental laws, theories and principles underlying elementary chemistry. This course should be profitable to all teachers in order that they may better understand the physical and chemical phenomena of science about them. Lecture and laboratory. Text: College Chemistry, Schlessinger. Saturday morning, third period. Two and four semester hours credit. J. F. Kowalewski, M.S.

W-34-4a. **General Inorganic Chemistry II.**—A continuation of the 1933 Summer Course, S-33-4. Stress placed upon laws, theories and principles of Chemistry. Saturday morning, fourth period. Two and four semester hours credit. J. F. Kowalewski, M.S.

W-34-9. **General Inorganic Chemistry.**—Same as Course W-34-3b above. Friday afternoon, 4:00-5:45. Two and four semester hours credit. Fred N. Miller, S.J., A.M.

Chemistry.—Other courses in Chemistry will be given should the demand be sufficient to justify a class. For request courses in Chemistry, consult the Registrar.

CLASSICS

W-34-1. **Medieval Latin.**—This course is offered for the promotion of the study of medieval Latin. It is intended to serve a twofold purpose: (1) to prepare students, especially in the modern languages and history, to read ordinary medieval Latin texts with a fair degree of ease and assurance, (2) to meet the needs of more advanced students who are interested in the field by furnishing an anthology of medieval prose and poetry. Selections from authors from Cassiodorus to Roger Bacon will be read, thus furnishing the student with manifold aspects of medieval culture and examples of the different kinds and styles of Latin. Text: Primer of Medieval Latin, Charles H. Beeson (Scott, Foresman and Company, Chicago). Saturday morning, first period. Two semester hours credit. Gregory J. Derschug, S.J., A.M., Cand.Ph.D.

W-34-2. **Latin Methods.**—This course serves two purposes: (1) For teachers, or prospective teachers, of High School Latin. Most States require for the certification of High School Teachers of Latin credits in Latin methods. The course furnishes many interesting devices for teaching Latin, especially Latin in the First Year. (2) For those who may wish to pursue our regular Latin courses, but who desire a thorough drill in the forms before doing so. Workbooks, charts and other material pertaining to the mastery of forms and vocabulary will be used. Text: Bennett, First Year Latin; Mimeographed Lesson-plans furnished with each lesson. Saturday morning, second period. Two semester hours credit. William T. Burns, A.B.

W-34-2a. **Latin, Horace.**—Stress will be laid upon the interpretation as well as upon the translation of the text. Appreciation of the author's personality, his literary art, his place in the life and literature of Rome and of western civilization. Selections from odes, epodes, satires and epistles will be studied in detail. Saturday morning, second period. Two semester hours credit.

Gregory J. Derschug, S.J., A.M., Cand.Ph.D.

W-34-3. **Roman Life in Latin Prose and Verse.**—This course is primarily intended for those whose plan of work makes it impossible for them to devote to the study of Latin more than a limited amount of time, yet who are nevertheless desirous of becoming familiar with what is most famous in the literature of the language, and gaining

incidentally some general knowledge of the life and thought of ancient Rome. It is intended also as an interesting and instructive course in the sight-reading of Latin by giving an outline of the development of Roman literature from its earliest days in characteristic and striking passages of the writers and orators who have descended to the present time. Text: *Roman Life in Latin Prose and Verse*, Peck and Arrowsmith (American Book Company, Cincinnati). Saturday morning, third period. Two semester hours credit.

Gregory J. Derschug, S.J., A.M., Cand.Ph.D.

W-34-4. *Latin, Cicero, pro Roscio—pro Archia.*—These two orations have been prepared especially for weekly Saturday morning classes. In connection with the two speeches the Roman Constitution will be studied and prose composition based on the style of Cicero will be written. Text: *Selected Oration and Letters of Cicero*, revised by Greenough and Kittredge (Ginn and Company, Chicago); *Bennett's New Latin Composition based on Cicero*; Mimeographed Lesson-plans furnished with each lesson. Saturday morning, fourth period. Two semester hours credit.

William T. Burns, A.B.

W-34-4a. *Latin, Livy.*—Life, history of his time and the times of which he wrote; his style; elements of change from the prose of the Ciceronian age; selections from Books XXI and XXII or XXIX and XXX. Saturday morning, fourth period. Two semester hours credit.

Gregory J. Derschug, S.J., A.M., Cand.Ph.D.

W-34-5. *Eutropius, Nepos, Ovid.*—This course is both historical and classic. It aims to give the student the background from the point of history of the classical age of Rome. The history of Rome from its foundation till the time of the first emperor, as told by Eutropius, is read in detail. Selections from Lhomond's *Viri Romae* and the *Noctes Atticae* of Aulus Gellius are here and there interspersed. Some of the well known lives from the work of Cornelius Nepos are studied and a few selections from the verse of Ovid. In connection with the course Guerber's *The Story of the Romans* will be read. Text: *Miller and Beeson, New Second Year Latin* (Scott, Foresman and Company, Chicago); *The Story of the Romans*, Guerber (American Book Company, Cincinnati). Monday afternoon, 4:00-5:45. Four semester hours credit. William T. Burns, A.B.

W-34-7. *Latin, Syntax, Constructions, Idioms.*—In this course the whole of Latin syntax is reviewed and English is turned into Latin based on the style of Caesar. An interesting feature of this course is a compilation of Latin Questions and Answers on Books I and II of Caesar's Gallic War. Teachers of Latin in the High School will find this course helpful. Text: *Caesar's Gallic War* as found in Miller and Beeson *New Second Year Latin* (Scott, Foresman and Company, Chicago); *Bennett's New Latin Grammar*, *Bennett's New Latin Composition based on Caesar* (Allyn and Bacon, Chicago); *Pearson's Latin Prose based on Caesar* (American Book Company); Mimeographed Lesson-plans furnished with each lesson. Wednesday afternoon, 4:00-5:45. Four semester hours credit.

William T. Burns, A.B.

EDUCATION

W-34-1. *Class Teaching and Management in Grammar and High Schools.*—The main teaching methods are examined and considered in the major courses of standard curriculums. The correlations of modern educational psychology with pedagogics are developed. The several methods of teaching are discussed, exemplified and practiced. The fundamental principles and methods of discipline, both class and individual, are considered. Textbook, projects, exercises. Saturday morning, first period. Two semester hours credit.

William E. Chancellor, A.M.

W-34-2. *Tests and Measurements.*—Brief discussion of the history of the measurement movement; types of test; principles of selection; technique of testing, administering and scoring tests; tabulation and interpretation of results; technique of using the results of tests in diagnosis; classification, guidance and supervision. Various textbooks will be used and periodicals will be referred to frequently. Saturday morning, second period. Two semester hours credit.

J. F. Kowalewski, M.S.

W-34-2a. *Child Literature.*—An intensive study of the myth, epic and ballad stories for children with especial emphasis on children's poetry and methods of presentation in the grades. This course will also include the evaluation of type books and their use and varying appeal. In connection with class work students will prepare lists, write critical and descriptive book reviews and compile a

course of study for literature in the grades. The course is a continuation of Child Literature given in the Summer, 1933. Saturday morning, second period. Two semester hours credit.

Hilda Glaser, A.B., B.S. in L.S.

W-34-2b. Principles of Geography.—The first semester covers the commercial geography of the United States; and the second that of the other important nations. Each state is studied; the major climatic factors, the natural resources, the industries, the social development; and in this way the other countries are studied, especially in their associations with our own lands. Governments are considered in their influence upon economic life, as are the other major social institutions. The course is concerned with the needs both of teachers of geography in school and in college and also of those who are interested in business or in preparation for business. Lectures, collateral readings, projects, textbook. Saturday morning, second period. Two semester hours credit.

William E. Chancellor, A.M.

W-34-3. History of Education.—A survey of primitive education; education in India as typical of the orient; Jewish education; early Grecian, Roman and Christian education. From ancient times the course will go on to take up education in the middle ages and such topics as Monastic education, Charlemagne's revival of education, Moslem learning and education, scholastic education, medieval universities, education of chivalry, burgher, guild and charity schools will be treated. Modern times will offer such subjects as humanistic education, effects of the reformation on education, realism in education, education in American colonies, growth of democratic ideal in education, naturalism in education, philanthropy in education, individual training in education, public education, development of modern systems, scientific movements in education, present tendencies of education. Saturday morning, third period. Two semester hours credit.

Peter O'Donnell, Ph.D.

W-34-3a. Comparative Education.—A survey of the educational systems of England, Germany, France, Italy and Russia. These school systems are studied under the following aspects: elementary school, secondary school, higher education, administration and teacher training. Saturday morning, third period. Two semester hours credit.

James E. Quill, A.M.

W-34-3b. Educational Psychology.—A consideration of psychological principles as applied to education. The theory of learning will be particularly stressed and the studies of nature and nurture. Attention, interest, appreciation, association, memory, habit and their application to the problems of education and the classroom will be considered. Prevalent errors in psychology and their influence on recent educational theory and practice will also be basic elements of the course. Saturday morning, third period. Two semester hours credit.

Alphonse L. Fisher, S.J., A.M.

W-34-4. Principles of Teaching.—The teacher the formal educator; physical and social heredity, shifting the center of interest from the didactic to the organic; education as adjustment; three ideals of education as adjustment, the classic, the utilitarian and the progressive; the influence of biology on education; mental growth and mental development; education and the reign of law; function of experience; ultimate aim of Christian education; physical education; balances in education; education for economic efficiency; education for social efficiency; education for individual culture; education for citizenship; educative agencies, the home, the church, the school. Saturday morning, fourth period. Two semester hours credit.

Peter O'Donnell, Ph.D.

W-34-5. Principles of Secondary Education.—A consideration of the principles of teaching in the Junior and Senior High Schools, including a study of the philosophy of these two phases of secondary education. Monday afternoon, 4:00-5:45. Four semester hours credit.

James E. Quill, A.M.

W-34-6. Introduction to Teaching.—A preliminary study of the fundamental principles of education as applied to the classroom as well as in their theoretical phases. The course serves as an introduction to the science of education and as a foundation in the principles of teaching. Tuesday afternoon, 4:00-5:45. Four semester hours credit.

James E. Quill, A.M.

Additional courses in education will be given on request. All of the courses outlined above are listed as requirements for state certification.

ENGLISH

- W-34-1. **Rhetoric and Composition II.**—A course including all the essentials of correct writing with emphasis on the practical aspects of composition rather than on the more theoretical phases of rhetoric. This course can be regarded as a continuation of the regular course in Composition and Rhetoric, S.33.1, although its content is more specific and directly pertinent to ordinary writing rather than formal composition. Saturday morning, first period. Two semester hours credit. James E. Quill, A.M.
- W-34-2. **Twentieth Century Poetry.**—A study of some contemporary poets and of the movements of poetry since the beginning of the twentieth century. Poets to be discussed are Anderson, Benet, Brooke, H. H., H. L. Davis, De la Mare, Eliot, Fletcher, Frost, Gibson, Lawrence, Lindsay, Lowell, Masefield, Masters, Millay, Pound, Robinson, Sandberg, Sassoon, Teasdale, Yeats, and some others. Saturday morning, second period. Two semester hours credit. Charles F. Wheeler, A.M.
- W-34-3. **History of American Literature.**—A general survey of the history of our literature from the earliest colonial times to the present. The first semester includes the period from the beginning until 1860; and the second semester brings the record to these times. The survey covers both prose and verse; the greatest writers, the movements in literature, the relations of literature to the economic, political, the religious and other social forces at work; journalism, oratory, and publishing both of books and newspapers. The modern trends, movements and tendencies are reviewed from their origin until the present. Lectures, projects, textbook, readings. Saturday morning, third period. Two semester hours credit. William E. Chancellor, A.M.
- W-34-4. **Shakespeare.**—An introduction to Shakespeare, the dramatist. There will be a review of the rise of English drama; a study of the principles of tragedy and comedy, and of Shakespeare's sources, plot devices, language, and characterization; and a discussion of Elizabethan England and its theatre, of Shakesperian bibliography, and of known facts of the dramatist's life. Plays for analysis are King Lear, Richard the Third, Richard the Second, Hamlet, Othello, Macbeth, The Merchant of Venice,

and The Twelfth Night. Saturday morning, fourth period. Two semester hours credit.

Charles F. Wheeler, A.M.

- W-34-6. **Appreciation of Literature.**—This course is designed for those who feel the need of special work in analysing and criticising literature. All types—the novel, the drama, the short story, as well as the other types of poetry and prose—will be studied. Readings will be selected from English and American literature to exemplify the types. Tuesday afternoon, 4:00-5:45. Four semester hours credit. Charles F. Wheeler, A.M.
- W-34-8. **College Rhetoric.**—A complete analysis of the scientific principles of rhetoric, illustrated with frequent reference to examples from literature. Thursday afternoon, 4:00-5:45. Four semester hours credit. James E. Quill, A.M.
- W-34-9. **Survey of American Literature.**—This course introduces the student to representative work of American writers from the Colonial period to the present. Readings will be assigned in poetry, the novel, the short story the drama, and the essay. Each afternoon two topics will be discussed. Friday afternoon, 4:00-5:45. Four semester hours credit. Charles F. Wheeler, A.M.

HISTORY

- W-34-1. **United States.**—The settlements, British control of colonies, the expulsion of the French, British provocation, Declaration of Independence, War and Peace, the Confederation, Anarchy, the Constitution, the Hamiltonian system, foreign entanglements, downfall of federalism, Louisiana purchase, struggle for neutrality, war of 1812, Missouri compromise, Monroe doctrine, sectional rivalry, new Democracy, nullification; triumph of Whigs, Tyler and Texas, the Mexican war, compromise of 1850, the business man's peace, repeal of Missouri compromise, secession, resort to arms, the field of battle, government and people during war. Saturday morning, first period. Two semester hours credit. Peter O'Donnell, Ph.D.
- W-34-2. **History of Middle Ages.**—This course will embrace a study of the Roman Empire to 476, A.D.; the invasion of the Germans and the establishment of the German

kingdoms on Roman soil; Justinian and the reaction against the Germans; the Franks; the home of Charlemagne; the dissolution of the empire of Charlemagne; feudalism; the development of the Papacy; monasticism; Germany and the empire; the three struggles between the Papacy and the empire; Mohammed and Mohammedism; the Crusades; the growth of the French nation; origin and development of the English nation; the Hundred Years' War; decline and temporal power of the Papacy; Germany from 1200 to 1500, A.D.; cities and city life; industrial life and commerce; wayfaring life; civilization and culture of middle ages; the Renaissance. Saturday morning, second period. Two semester hours credit.
Peter O'Donnell, Ph.D.

W-34-4. **American Government.**—A brief survey of the underlying principles and the practical administration of the American system of government. Designed especially for teachers of elementary and high school civics and pre-legal students. Saturday morning, fourth period. Two semester hours credit.
William E. Chancellor, A.M.

W-34-4a. **Post-War Europe.**—A discussion of events in Europe since the World War; the Labor influence in England; Germany under the Republic; France and Reparations; Fascist Italy; Soviet Russia; the Succession States. Saturday morning, fourth period. Two semester hours credit.
Peter O'Donnell, Ph.D.

W-34-6. **Contemporary History.**—*Novus nascitur ordo.* The New Deal versus the Old. The program of President Roosevelt thrown into right perspective along political, social, economic and ethical lines together with other live topics which are of current interest by reason of the space given them in magazines and the daily newspapers. Tuesday afternoon, 4:00-5:45. Four semester hours credit.
Peter O'Donnell, Ph.D.

W-34-7. **History of Modern Europe, 1815-1914.**—A basic course describing in broad outline the events of a century in Europe, and portraying the background of the nations which plunged into war in 1914. Wednesday afternoon, 4:00-5:45. Four semester hours credit.
Peter O'Donnell, Ph.D.

W-34-8. **European History, 1600-1815.**—Growth of absolutism in France under the rule of Henry IV, Richelieu; Mazarin and Louis XIV; the triumph of parliamentalism over absolutism in England; the world conflict between France and England; the triumph of England and the downfall of France, as an empire; the decline of the Holy Roman empire and the rise of Prussia; the rise of Russia and the decline of Turkey, Sweden and Poland; European society; European governments of the eighteenth century; the enlightened despots; British monarchy and French monarchy; the end of absolutism in France, 1789; the end of the old régime; the limited monarchy in operation; the establishment of the first French republic; the directory and the transformation of the Republic into a military dictatorship; the significance of the French revolution; the era of Napoleon. Thursday afternoon, 4:00-5:45. Four semester hours credit.

Peter O'Donnell, Ph.D.

LIBRARY SCIENCE

W-34-3, 4. **Library Science.**—Cataloguing and Classification. A study of the principles and methods of cataloguing according to the unit card system, with practice in making a dictionary card catalog. This course also includes an intensive study of the Dewey Decimal classification system and its practical application to the high school library. Saturday morning, third and fourth periods. Four semester hours credit.

Hilda Glaser, A.B., B.S. in L.S.

MATHEMATICS

W-34-1. **Trigonometry.**—The following topics will be treated: trigonometric functions, solution of right triangles, trigonometric properties of angles, trigonometric formulas, inverse notation, oblique triangles, trigonometric equations, De Moivre's theorem, trigonometric series, hyperbolic functions, miscellaneous problems and discussions. Text: *Plane Trigonometry*, E. S. Crawley and H. Evans (F. S. Croft and Co.). Saturday morning, first period. Two semester hours credit.

Philip M. Coogan, S.J., A.M.

- W-34-2. **College Algebra.**—A thorough review of secondary school algebra is followed by a detailed study of the following topics: laws of exponents, rationalization, variables and functions, linear and quadratic equations, binominal theorem, progressions, imaginary and complex numbers, theory of equations, logarithms to include exponential equations, partial fractions. Text: *College Algebra*, H. L. Rietz, A. R. Crathorne (Henry Holt and Co.). Saturday morning, second period. Two semester hours credit.
Philip M. Coogan, S.J., A.M.
- W-34-6. **College Algebra.**—Same as course W-34-2 above. Tuesday afternoon, 4:00-5:45. Four semester hours credit.
Augustine Theissen, S.J., A.M.
- W-34-7. **Trigonometry.**—Same as Course W-34-1 above. Wednesday afternoon, 4:00-5:45. Four semester hours credit.
Philip M. Coogan, S.J., A.M.

MODERN LANGUAGES

FRENCH

- W-34-1. **Intermediate French.**—Talks on the times of the author and contemporary writers. Grammar drill incidental to the text and as called for by the needs of the class. Text: "*Le Petit Chose*," Daudet. Saturday morning, first period. Two semester hours credit. John F. Graber, A.M.
- W-34-3. **Advanced French.**—Study of the character of the period of Louis XIV. Sketches of Racine, Corneille, Bossuet, Mme. de Sevigny, and other prominent writers of the period. Text: "*L'Avare*," Moliere. Saturday morning, third period. Two semester hours credit. John F. Graber, A.M.
- W-34-5. **Elementary French.**—Careful drill in pronunciation. The rudiments of grammar, including the inflection of the regular and more common irregular verbs; the order of words in the sentence; colloquial exercises; writing French from dictation; easy themes; conversation. Monday afternoon, 4:00-5:45. Four semester hours credit.
John F. Graber, A.M.

GERMAN

- W-34-2. **Intermediate German.**—A series of five short stories by writers of the late nineteenth and early twentieth century. Edited by Harold Bender and illustrating the modern trend in German literature. Saturday morning, second period. Two semester hours credit. John F. Graber, A.M.
- W-34-4. **Advanced German.**—It seems especially fitting during the centenary of Goethe to devote the time to the study of one of his masterpieces. To those who have read Hermann und Dorothea during the spring semester, this will offer a striking contrast and deepen their appreciation of the poet. Text: "*Iphigenia auf Tauris*," Goethe. Saturday morning, fourth period. Two semester hours credit.
John F. Graber, A.M.

PHILOSOPHY

- W-34-1. **Cosmology.**—The origin of our material universe; various hypotheses touching inorganic and organic evolution. Study of the properties of matter, or of extended bodies, of space, movement and time; the Einstein theory. The philosophical basis of miracles, and an investigation of the Aristotelian matter-form theory. Text: *Cosmology*, by J. A. McWilliams, S.J. (Macmillan Co., N. Y.). Saturday morning, first period. Two semester hours credit.
M. J. Boylan, S.J., A.M., Ph.D.
- W-34-2. **Epistemology.**—A study of logical truth, certitude, scepticism, Descartes' Methodic Doubt, Idealism, the Theory of Kant, Pragmatism, New Realism, Error, Universal Ideas, the Proper Object of Sight, Human Testimony, Evidence. Saturday morning, second period. Two semester hours credit. M. J. Boylan, S.J., A.M., Ph.D.
- W-34-3. **Psychology.**—An outline of general psychology embracing the following subjects: The cerebro-spinal nervous system with its native and acquired possessions; consciousness and attention; the phenomena of sense life, the laws and kinds of sensation; the precept, the visual and tactual perception of space and time, the laws of association; appetitions, instincts, emotions. The higher aspects of psychology; the phenomena of rational life; intellectual concepts, their origin and development;

reference, judgment and the reasoning processes; rational appetency, free will and determinism; the human soul, its nature, origin and destiny; the nature of and problems arising from the union of soul and body. Practical applications to social and economic problems will be made at all stages of the course. Saturday morning, third period. Two semester hours credit.

John E. Barlow, S.J., A.M., Ph.D.

W-34-4. **Ethics.**—A study of the fundamental principles of morality with their application to conduct in commercial and social life. Individual rights and duties; society, its nature, origin and purpose. Lectures, recitations and discussions. Saturday morning, fourth period. Two semester hours credit. John E. Barlow, S.J., A.M., Ph.D.

PHYSICS

W-34-3a. **Mechanics.**—Lectures and demonstrations to include: Vectors, motion, force, and torque, circular motion, simple harmonic motion, work, energy, friction, the simple machines, power, elasticity, fluids at rest, fluids in motion, surface tension. Text: A Textbook of Physics, L. B. Spinney, 4th edition (MacMillan Co.). Saturday morning, third period. Two semester hours credit.

Victor C. Stechschulte, S.J., Ph.D.

W-34-4b. **Heat, Sound and Light.**—(a) The nature of heat; Calorimetry; Vaporization and Solidification; Kinetic Theory of Gases; Transmission heat; Thermodynamics. (b) Wave Motion; the Nature of Sound; Doppler's principle; Resonance; Consonance; Sonorous bodies to include Laws of vibrating air columns, strings and rods. (c) Nature of Light; Refraction; Optical instruments; Defects of mirrors and lenses; Dispersion; Interference; Photometry, Color, Polarization. Text: A Textbook of Physics, Spinney (MacMillan Company). Saturday morning fourth period. Two semester hours credit.

Victor C. Stechschulte, S.J., Ph.D.

W-34-8. **Magnetism and Electricity.**—Lectures and demonstrations include: Magnetism, electrostatics, potential, electrostatic capacity, eletromagnetism, electrokinetics, the heating and chemical effect of the electric current, the voltaic cell, electromagnetic induction, measuring instru-

ments, electromagnetic waves, electric discharge, radio activity. Text: A Textbook of Physics, Spinney, 4th edition (MacMillan Company). Thursday afternoon, 4:00-5:45. Four semester hours credit.

Victor C. Stechschulte, S.J., Ph.D.

REQUEST COURSES

In addition to the regular schedule of College Courses published above and outlined on page 22, the University will offer a limited number of extra courses, provided the registration for such courses will insure at least a minimum of ten students for the course. The Request Courses will be given during the second or third period, as convenience will permit. Students wishing to organize Request Courses should consult the Registrar.

SCHEDULE OF PERIODS—Saturday Classes, 1933-1934

This schedule includes both Liberal Arts subjects and subjects in Education. The schedule is arranged to include the greatest possible latitude. The Saturday classes are divided into four fifty-minute periods. These classes begin at 8:30 a.m., and end at 12:05 p.m. Follow this schedule when making out registration cards. The schedule for late afternoon classes will be found on the next page.

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8:30 to 9:20	Education, W-34-1. Class Teach. and Manag. History, W-34-1. United States	English, W-34-1. Rhet. and Compo. II. Modern Language, W-34-1. French, Interm.	Latin, W-34-1. Medieval Latin. Philosophy, W-34-1. Cosmology.	Mathematics, W-34-1. Trigonometry.
9:25 to 10:15	Education, W-34-2. Tests and Measurements. Education, W-34-2a. Child Literature. Philosophy, W-34-2. Epistemology.	English, W-34-2. Twentieth Century Poetry. Education, W-34-2b. Principles of Geog.	Latin, W-34-2. Methods. Modern Language, W-34-2. German, Interm. Latin, W-34-2a. Horace.	Mathematics, W-34-2. College Algebra. History, W-34-2. Middle Ages.
10:20 to 11:10	Education, W-34-3. History of Education. Philosophy, W-34-3. Psychology. Education, W-34-3a. Comp. Education	English, W-34-3. American Literature. Mod. Language, W-34-3. French, Advanced. Library Science, W-34-3. Cataloguing and Classification.	Latin, W-34-3. Roman Life. Science, W-34-3a. Physics, Mechanics.	Science, W-34-3b. Chemistry, Inorganic I. Science, W-34-3c. Biology II, General. Education, W-34-3b. Edu. Psychology.
11:15 to 12:05	Education, W-34-4. Principles of Teaching. History, W-34-4a. Post-War Europe. Library Science, W-34-4. Cataloguing and Classification.	English, W-34-4. Shakespeare. History, W-34-4. American Government. Philosophy, W-34-4. Ethics, General.	Latin, W-34-4. Cicero. Modern Language, W-34-4. German, Advanced. Latin, W-34-4a. Livy.	Science, W-34-4a. Chemistry, Inorganic II. Science, W-34-4b. Physics, Heat, Sound, Light. Science, W-34-4c. Biology II, General.

SCHEDULE OF PERIODS—Late Afternoon Classes, 1933-1934

These subjects are offered each week-day afternoon. All subjects run double periods, 4:00 to 5:45.

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MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Education, W-34-5. Principles of Secondary Education.	Education, W-34-6. Introduction to Teaching.	Latin, W-34-7. Syntax, Constructions, Idioms.	History, W-34-8. European, 1600-1815.	English, W-34-9. Survey of American Literature.
French, W-34-5. Elementary.	History, W-34-6. Contemporary.	History, W-34-7. Modern Europe, 1815-1914.	English, W-34-8. College Rhetoric.	Science, W-34-9. General Inorganic Chemistry.
Latin, W-34-5. Eutropius, Nepos, Ovid.	English, W-34-6. Appreciation of Literature.	Mathematics, W-34-7. Trigonometry.	Science, W-34-8. Physics, Magnetism, Electricity.	
	Mathematics, W-34-6. College Algebra.			

When registering, please use regulation late-afternoon registration card.

**SATURDAY MORNING AND
LATE-AFTERNOON CLASSES
WILL BE HELD AT SEVENTH
AND SYCAMORE STREETS.**