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ANNOUNCEMENT
OF THE
UNDERGRADUATE COURSES
IN THE
UNIVERSITY OF NOTRE DAME
NOTRE DAME, INDIANA

To be given during the year 1905-6

The recent establishment of a four years' Course in Architecture at Notre Dame University, following the opening of the School of Pharmacy, and the revision and expansion of the entire system of studies several years ago, offer an opportunity of acquainting the alumni and friends of the institution, as well as the Catholic public generally, with what has been and is being done at Notre Dame towards meeting the increasing demands of the age upon the college, and keeping pace with the progress of American institutions of higher education generally. The brief account of the collegiate system at Notre Dame which follows is supplemented by an exhibit, in tabular form, of the principal undergraduate curricula, as offered for the coming scholastic year 1905-6.

THE ELECTIVE SYSTEM AT NOTRE DAME.

The entire system of studies at Notre Dame is based upon the principle of election of studies. The student, once he is admitted as a Freshman, is free to select his own course of studies, conformably to his natural liking,

the career in life he may have in view, or the determinate intellectual bent developed during the secondary school years. The curriculum which is made up of the traditional "Classics" holds, of course, the place of honor; but it is frankly recognized that there are other studies which, while scarcely less efficient for cultural purposes than the "Classics," lie closer to the predominant activities and utilities of modern life. Hence, side by side with the "Classics," leading to the traditional A. B. degree, there are other cultural curricula, open to the student's choice and leading to equivalent degrees.

This has been the main principle of the collegiate system at Notre Dame almost from the very beginning. More than forty years ago, the principle of election of studies was accepted as the guiding rule in shaping the academic growth of the institution. This is shown by the fact that at that early date a curriculum of General Science studies was set up alongside the "Classics" as of equivalent value for the work of college education. Since that time, one curriculum after another has been added, as the college has grown and the demand for a wider range of election has made itself felt from the student body, until to-day, it may be confidently asserted, no other Catholic college or university in the country offers so rich and varied a field of choice to the undergraduate student.

THE STUDENT ASSISTED IN SELECTING HIS STUDIES.

While the student is free to elect the course of studies he is to follow, he has not, however, unlimited freedom in this respect. The principle of election is necessarily conditioned, in its practical operation, by the canons of sound educational experience. "It is a fact of general experience," says President Wilson, of Princeton, "that the undergraduate student is not likely to make a

systematic choice of studies unless aided by more mature judgments than his own, and upon the assumption that the knowledge of men more mature than himself is a safer guide to a consistent and serviceable choice than his own untested tastes and preferences." The elective system at Notre Dame is a system of "assisted election." There is a set programme of studies which, while affording ample range of choice, is sufficiently fixed to shield the student from the inconsiderate impulses of his own unripened judgment.

THE GROUP SYSTEM.

The programme of studies at Notre Dame comprises a number of parallel groups of studies leading to equivalent baccalaureate degrees. Broadly speaking, the groups divide themselves naturally into two general classes: the cultural, or those which aim simply at wide-ranging mental power and développement; and the technical, or those which make a high degree of practical as well as theoretical skill, along the line of some strictly scientific profession, an essential aim. To the first class—the "cultural"—belong five groups of studies; the Classics, English, History and Economics, General Science, and Biology. To the second class—the "technical"—belong five groups of studies also; Pharmacy, Civil Engineering, Mechanical Engineering, Electrical Engineering, and Architecture, with, in addition, a short two-year, technical course in Applied Electricity and in Mechanical Engineering.

To get a clearer view of the principle at work, let us now take the first of these two general divisions, and consider the five groups which we have called the "cultural" a little more closely. Each group, as a rule, is made up of three kinds of studies; studies common to all the groups, studies proper to each group, and studies that are elective. Thus, in the five groups we are

considering, there are three studies which are common to all the groups,—Christian Doctrine, Philosophy, and English. In other words, these three subjects are regarded as indispensably necessary in the work of liberal education at Notre Dame, and they are the only subjects which are so regarded.

Besides these three common subjects, there are studies proper to the several groups. Each group has some studies which are peculiar to itself, and are determined by the special quality of mental power it is aimed to develop. In the Classical Group, for instance, the studies proper are, Latin, Greek, and History. In the General Science Group, the studies proper are the natural and physical sciences, with mathematics. In the English Group, they are higher English, French, and German.

Again, there is more or less opportunity of election allowed within a Group. Thus, in the Classical Group, one elective, of five hours a week, is allowed in each year of the course, except the Senior year. In the General Science Group, the work of the Junior year is largely elective, and the work of the Senior year almost entirely so. The student may, at any time, with the permission of the faculty, substitute one study for another in a Group.

By these means, it is believed, there is provided for in the programme of studies sufficient flexibility to meet the most varied demands in the way of cultural training that may be legitimately made upon the college, and, at the same time, to meet and give due recognition to the work of the secondary schools in preparing pupils for college.

ADMISSION OF HIGH SCHOOL GRADUATES.

It is one of the great advantages of the elective system that it enables the college to effect a connection between its programme of studies and that of any good high school or secondary school, however much the school

may be influenced, in the making up of its curriculum, by local or particular academic needs, requirements, or ideals. It brings the secondary school close to the college, and makes it easy for the boy to pass from the one to the other, as easy, almost, as if the school were an integral part of the college. The college, in effect, places all good secondary schools on the same plane as its own preparatory school, and is thus enabled to draw from them all without any academic difficulty.

The graduates of any public or private high school of good standing, therefore, will not find it difficult to gain admission to the University of Notre Dame. They will receive full credit for any work done in the school. In some cases, certificates of graduation will be accepted in lieu of the University's Entrance Examination. Graduate students of high schools that are fully accredited to the State Universities, will be admitted without examination to the Freshman year of any Group of studies along the line of their high school course. The wide range of election allowed at Notre Dame makes it easy for the graduate of a good high school, whatever the studies he may have followed, to qualify for Freshman standing in some one of the many Groups of studies open to his choice.

ENTRANCE REQUIREMENTS.

The entrance requirements vary somewhat according to the character of the curriculum that the student is to follow. Thus, Greek is required from classical students only. Students who are to take the course in English, or the course in History and Economics, may offer in place of Greek a corresponding amount of French and German. For admission to the Engineering courses, more mathematics is required than for admission to the other curricula.

In general, it may be said that the entrance requirements of Notre Dame do not differ substantially from those

of other large colleges and universities in the United States. These requirements are fairly enough represented by the Regents' Examinations in New York, or the examinations which have been given for several years by the College Entrance Examination Board, the certificates of either of which will be accepted as the equivalent of the Entrance requirements of the University.

TABULAR DESCRIPTION OF CURRICULA.

In the following pages, the Groups of Studies which have been described above, are exhibited in tabular form, in such a way as to show the degree to which each one leads, the studies of each year and term, and the number of class-hours devoted, a week, to each subject. The character and relative advancement of the courses given in the respective terms is also indicated by the Roman numerals prefixed to these courses in the University catalogue; and alongside of the Roman numerals, in the tabular statement, there is given the catalogue page on which a full and detailed description of the course may be had. With the help of this tabular statement, therefore, it will be very easy, should further information be desired, to follow the description of courses in the University catalogue.

CLASSICAL COURSE.

(DEGREE: A. B.)

FRESHMAN YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
Latin, - - -	5	39	I.	Latin, - - -	5	39	II.
Greek, - - -	4	35	I.	Greek, - - -	4	35	II.
English, - - -	4	41	I.	English, - - -	4	41	I.
History, - - -	4	45	I.	History, - - -	4	45	I.
Elocution, - - -	2	44	VIII.	Elocution, - - -	2	44	VIII.
Elective, - - -	5			Elective, - - -	5		

SOPHOMORE YEAR.

Latin, - - -	5	39	III.	Latin, - - -	5	39	IV.
Greek, - - -	4	35	III.	Greek, - - -	4	35	IV.
English, - - -	4	42	II.	English, - - -	4	42	II.
History, - - -	3	45	II.	History, - - -	3	45	II.
Elocution, - - -	2	44	VIII.	Elocution, - - -	2	44	VIII.
Philosophy, - - -	5	31	I.	Philosophy, - - -	5	31	I.

JUNIOR YEAR.

Latin, - - -	5	40	V.	Latin, - - -	5	40	VI.
Greek, - - -	5	36	V.	Greek, - - -	5	35	VI.
English, - - -	4	42	III.	English, - - -	4	42	III.
Philosophy, - - -	5	31	II.	Philosophy, - - -	5	31	II.
Elocution, - - -	2	44	VIII.	Elocution, - - -	2	44	VIII.
Economics, - - -	4	46	I.	Elective, - - -	5		

SENIOR YEAR.

Latin, - - -	5	40	VII.	Latin, - - -	5	41	VIII.
Greek, - - -	5	37	VII.	Greek, - - -	5	38	VIII.
English, - - -	4	42	IV.	English, - - -	4	42	IV.
Philosophy, - - -	5	32	III.	Philosophy, - - -	5	33	IV.
Elocution, - - -	2	44	VIII.	Elocution, - - -	2	44	VIII.

The Roman numerals indicate the number of the course given in a particular subject. The numbers under the term "page" indicate the page of the University catalogue on which a full description of the particular course may be had.

ENGLISH COURSE.

(DEGREE: LITT. B.)

FRESHMAN YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
English, - -	4	41	I.	English, - -	4	41	I.
Latin, - - -	5	39	I.	Latin, - - -	5	39	II.
French or - -	3	48	II.	French or - -	3	48	II.
German, - - -	3	51	II.	German, - - -	3	51	II.
History, - - -	4	45	I.	History, - - -	4	45	I.
Elocution, - -	2	44	VIII.	Elocution, - -	2	44	VIII.
Elective, - - -	5			Elective, - - -	5		

SOPHOMORE YEAR.

English, - -	4	42	II.	English, - -	4	42	II.
Latin, - - -	5	39	III.	Latin, - - -	5	39	IV.
French or - -	2	49	III.	French or - -	2	49	III.
German, - - -	2	51	III.	German, - - -	2	51	III.
History, - - -	3	45	II.	History, - - -	3	45	II.
Elocution, - -	2	44	VIII.	Elocution, - -	2	44	VIII.
Philosophy, -	5	31	I.	Philosophy, -	5	31	I.

JUNIOR YEAR.

English, - -	4	42	III.	English, - -	4	42	III.
Latin, - - -	5	40	V.	Latin, - - -	5	40	VI.
Philosophy, -	5	31	II.	Philosophy, -	5	31	II.
Elocution, - -	2	44	VIII.	Elocution, - -	2	44	VIII.
History, - - -	5	45	III.	History, - - -	5	45	III.
Elective - - -	3			Elective, - - -	3		

SENIOR YEAR.

English, - -	4	42	IV.	English, - -	4	42	IV.
Latin, - - -	5	40	VII.	Latin, - - -	5	41	VIII.
Philosophy, -	5	32	III.	Philosophy, -	5	33	IV.
Economics, - -	4	46	I.	History, - - -	5	46	IV. b.
Elocution, - -	2	44	VIII.	Elocution, - -	2	44	VIII.

COURSE IN HISTORY AND ECONOMICS.

(DEGREE: PH. B.)

FRESHMAN YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
History, - -	6	45	I.	History - -	6	45	I.
English, - -	4	41	I.	English, - -	4	41	I.
French or - -	3	48	II.	French or - -	3	48	II.
German, - -	3	51	II.	German, - -	3	51	II.
Spanish, - -	4	49	I.	Spanish, - -	4	49	I.
Polit'l Science,	4	46	I.	History, - -	4	46	IV. a
Elocution, - -	2	44	VIII.	Elocution, - -	2	44	VIII.

SOPHOMORE YEAR.

History, - -	5	45	II. a	History - -	5	45	II. a
Polit'l Science,	3	47	II.	Polit'l Science,	3	47	II.
Philosophy, -	5	31	I.	Philosophy, -	5	31	I.
English, - -	4	42	II.	English, - -	4	42	II.
German or - -	2	51	III.	German or - -	2	51	III.
French, - -	2	49	III.	French, - -	2	48	II.
Elocution - -	2	44	VIII.	Elocution - -	2	44	VIII.

JUNIOR YEAR.

History, - -	9	45	II, bIII.	History - -	9	45	II, bIII
Polit'l Science,	4	47	III.	Polit'l Science,	4	47	IV.
Philosophy, -	5	31	II.	Philosophy, -	5	31	II.
English - -	4	42	III.	English, - -	4	42	III.
Elocution, - -	2	44	VIII.	Elocution - -	2	44	VIII.

SENIOR YEAR.

History, - -	3	46	IV. b	History, - -	3	46	IV. b
Polit'l Science,	6	47	V. VI. VII.	Polit'l Science,	6	47	VI. VII VIII.
Philosophy, -	5	32	III.	Philosophy, -	5	33	IV.
English, - -	4	42	IV.	English, - -	4	42	IV.
Elocution, - -	2	44	VIII.	Elocution, - -	2	44	VIII.

COURSE IN GENERAL SCIENCE.

(DEGREE; B. S.)

FRESHMAN YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
Zoology, - -	5	82	I.	Chemistry, - -	4	77	III.
Chemistry, - -	4	77	III.	Anal. Geom., - -	5	52	II.
Algebra, - -	5	51	I.	French, - -	5	48	I.
French, - -	5	48	I.	Drawing, - -	4	74	II.
Drawing, - -	2	74	I.	Physiology, - -	5	86	I.

SOPHOMORE YEAR.

Botany, - - -	5	81	I.	Botany, - - -	6	81	I., II.
Chemistry, - -	5	77	IV.	Physics, - - -	5	80	II.III.
Physics, - - -	5	80	II.III.	Calculus, - - -	5	52	IV.
Calculus, - - -	5	52	III.	Drawing, - - -	2	74	II.
Drawing, - - -	2	74	II.	Elective, - - -	5		

JUNIOR YEAR.

Geology, - -	2	87	I.	Geology, - -	5	88	III.
Astronomy, - -	3	60	I.	Astronomy, - -	3	60	I.
English, - -	4	41	I.	English, - -	4	41	I.
Elective, - -	5			Elective, - -	5		
Philosophy, - -	5	31	I.	Philosophy, - -	5	31	I.

SENIOR YEAR.

Philosophy, -	5	31	II.	Philosophy, -	5	31	II.
Three Electives in Science, -	9-15			Three Electives in Science, -	9-15		
French or Ger. Scientific Readings, -	1			French or Ger. Scientific Readings, -	1		

COURSE IN BIOLOGY.

(DEGREE: B. S.)

FRESHMAN YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
Zoology - -	5	82	I.	Physiology, -	6	86	I.
Chemistry - -	4	76	III.	Chemistry, - -	4	77	III.
Microscopy	3	84	I.	English, - -	4	41	I.
English, - -	4	41	I.	French, - -	5	49	I.
French, - -	5	49	I.	Microscopy, -	2	85	II.
Drawing, - -	2	75	VIII.	Drawing, - -	2	75	VIII.

SOPHOMORE YEAR.

Botany, - - -	5	81	I.	Botany, - - -	6	81	I. II.
Gen. Biology, -	6	84	I., II.	Gen. Biology, -	6	84	I. II.
Chemistry, - -	5	77	IV.	Chemistry, - -	5	78	V.
Drawing, - - -	2	75	IX.	Drawing, - - -	2	75	IX.

JUNIOR YEAR.

Anatomy, - -	3	85	III.	Anatomy, - -	3	85	III.
Bacteriology, -	6	87	I.	Botany, - - -	8	81	III.
Geology, - - -	2	87	I.	Geology, - - -	5	88	III.
Botany, - - -	8	81	III.	Philosophy, -	5	31	I.
Philosophy, -	5	31	I.	Chemistry, - -	5	78	VI.

SENIOR YEAR.

Anatomy, - -	7	85	II. III.	Anatomy, - -	3	85	III.
Physiology, -	3	86	II. III.	Physiology, -	2	86	III.
Zoology, - - -	7	82	II.	Zoology, - - -	10	82	III.
Thesis, - - -				Thesis, - - -			IV., V.

COURSES IN PHARMACY.

(DEGREES: Ph. G., Ph. C.)

FIRST YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
Pharmacy, - -	3	88	I.	Pharmacy, - -	6	88	I., II.
Physics, - -	5	172	F.	Physics, - -	5	172	F.
Botany, - -	5	81	I.	Chemistry, - -	4	79	X.
Microscopy, -	3	84	I.	Botany, - -	5	81	I.
Chemistry, -	5	76	I.	Materia Medica	2	89 90	VIII. (1, 2.)

SECOND YEAR.

Pharmacy, - -	8	89	III. IV.	Pharmacy, - -	10	89	IV. V.,
Chemistry, - -	5	77	IV.	Chemistry, - -	5	78	VI.
Materia Medica	3	89 90	VIII. (1, 3.)	Materia Medica	2	89 90	VIII. (2, 3.)
Bacteriology, -	3	87	I.	Physiology, - -	5	86	I.

THIRD YEAR.

Pharmacy, - -	5	89	VI.	Pharmacy, - -	5	89	VII.
Chemistry - -	6	78	VI.	Chemistry, - -	5	78	VI.
Geology, - -	2	87	I.	Toxicology and Urinary Analy's	5	78	VII.
Thesis, - -	2			Thesis, - -	2		
Elective, - -	5			Elective, - -	5		

COURSE IN CIVIL ENGINEERING.

(DEGRBE: C. E.)

FRESHMAN YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
Algebra, - -	5	51	I.	Anal. Geom. -	5	52	II.
English, - -	5	41	I.	Surveying, -	5	54	II.III.
French, - -	5	48	I.	English, - -	5	41	I.
Chemistry, -	3	76	II.	French, - -	5	48	I.
Drawing, - -	3	74	I.	Chemistry, -	3	76	II.

SOPHOMORE YEAR.

Calculus, - -	5	52	III.	Calculus, - -	5	52	IV.
Des. Geometry,	3	54 74	I. III.	Dif. Equations,	5	53	V.
R. R. Surveying,	5	55 56	VI. VII.	Des. Geometry,	3	54 74	I. III.
Physics, - -	5	80	II. III.	Adv. Surveying,	5	55	IV., V.
Drawing, - -	3	74	II. III.	Physics, - -	5	80	II. III.
				Drawing, - -	3	74 75	III. V.

JUNIOR YEAR.

Analytic Mechanics, -	5	56	VIII.	Mechanics of Materials, -	5	56	IX.
Geodesy, - -	4	60	XVI.	Astronomy, -	3	60	I.
English, - -	4	42	II.	English, - -	4	42	II.
Geology, - -	4	87	I.	Geology, - -	4	88	III.
Drawing, - -	2	75	VI.	Drawing, - -	3	75	VII.
Stereotomy, -	1	59	XIV.				

SENIOR YEAR.

Engineering, -	5	58	XII.	Engineering, -	5	58	XII.
Drawing, - -	3	75	VII.	Hydromechan.,	3	59	XV.
Bridges, Roofs,	5	57	X.	Graph. Stat.,	5	57	XII.
Sanitary Eng.,	2	58	XIII.	Sanitary Eng.,	2	58	XI.
Hydromechan,	3	59	XV.	Steam Boilers,	3	62	IV.
				Thesis Work,			

COURSE IN MECHANICAL ENGINEERING.

(DEGREE: M. E.)

FRESHMAN YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
Algebra, - -	5	51	I.	Analyt. Geom.,	5	52	II.
French, - -	5	48	I.	French, - -	5	48	I.
Drawing, - -	3	74	I.	Drawing, - -	3	74	II.
Chemistry, -	3	76	II.	Chemistry, -	3	76	II.
Shopwork, -	3	64	XI. a	Shopwork, -	3	64	XI. b

SOPHOMORE YEAR.

Calculus, - -	5	52	III.	Calculus, - -	5	52	IV.
Des. Geometry,	3	54 74	I. III.	Des. Geometry,	3	54 74	I. III.
Drawing, - -	2	74	II.	Drawing, - -	3	74	II.
Chemistry, -	5	77	IV.	Chemistry, -	5	78	V.
Physics, - -	5	80	II. III.	Physics, - -	5	80	II. III.
Shopwork, -	3	65	XI. c	Shopwork, -	3	65	XI. d

JUNIOR YEAR.

Anal. Mechanics	5	56	VIII.	Mech's of Mat.,	5	56	IX.
Kinematics, -	5	62	V.	Machine Design	3	63	VI.
English, - -	5	41	I.	Valve Gears, -	2	63	VII.
Drawing, - -	3	74	IV.	English, - -	5	41	I.
Physics, - -	3	80	IV.	Drawing, - -	3	74	IV.
Shopwork, -	3	65	XI. e	Shopwork, -	3	65	XI. f

SENIOR YEAR.

Materials of Engineering,	2	61	II.	Steam Engine Design, - -	5	62	III.
Thermodynam,	5	61	I.	Steam Boilers,	3	62	IV.
Steam Engine Design, - -	5	62	III.	Thesis, - -	12	64	IX.
Mechani'l Lab.,	3	63	VIII.	Hydraulics, -	3	61	I.
Shopwork, -	3	65	XI. f.				

TWO-YEAR COURSE IN MECHANICAL ENGINEERING.

FIRST YEAR.

SUBJECTS:	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS:	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
Algebra, - -	5	163	C.	Mathematics, -	5	169	F & G.
Geometry, - -	5	164	E.	Trigonometry, -	5	170	H.
Drawing, - -	3	71	I.	Drawing, - -	3	71	II.
Shopwork, - -	3	64	Xa.	Shopwork, - -	3	64	Xa.
Physics, - -	5	77	I.	Chemistry, - -	5	74	I.
Gas Engines, -	5	66		Vapor Engines, -	5	66	

SECOND YEAR.

Motor Design, -	5	65	XII.	Motor Design, -	5	65	XII.
Shopwork, - -	6	64	Xc.	Shopwork, - -	6	64	Xd.
Laboratory, -	10			Laboratory, -	10		

COURSE IN ELECTRICAL ENGINEERING.

DEGREE: M. E. in E. E.

FRESHMAN YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
Algebra, - -	5	51	I.	Analyt. Geom.	5	52	II.
French, - - -	5	48	I.	French, - - -	5	48	I.
Drawing, - - -	4	74	I.	Drawing, - - -	4	74	II.
Chemistry - - -	3	76	II.	Chemistry, - - -	3	76	II.
Shopwork, - - -	3	64	XI. a.	Shopwork, - - -	3	64	XI. b.

SOPHOMORE YEAR.

Calculus, - -	5	52	III.	Calculus, - -	5	52	IV.
Des. Geometry,	3	54 74	I. III.	Des. Geometry,	3	54 74	I. III.
Chemistry, - -	3	77	IV.	Physical Prob.,	2	80	III.
Physics, - - -	3	80	II.	Physics, - - -	3	80	II.
Shopwork, - -	3	65	XI. c.	Shopwork, - - -	3	65	XI. d.
Physical Prob.,	2	80	III.	Drawing, - - -	2	75	II.

JUNIOR YEAR.

Analytical Mechanics,	5	56	VIII.	Mech's of Mat.	5	56	IX.
Kinematics, -	5	62	V.	Machine Design	5	63	VI. VII.
English, - - -	5	41	I.	English, - - -	5	41	I.
Physics, - - -	3	80	IV.	Physics, - - -	3	80	IV.
Shopwork, - -	3	65	XI. e.	Shopwork, - - -	3	65	XI. f.

SENIOR YEAR.

Dynamo Machinery,	5	66	III.	Dynamo Machinery,	5	66	III.
Thermodynam,	5	61	I.	Electrical Lab.,	5	66	IV.
Electrical Lab.,	5	66	IV.	Designing, - - -	3	67	V.
Designing, - -	3	67	V.	Thesis, - - - -			
Thesis, - - - -				Hydraulics, - -	3	61	I.

SHORT COURSE IN APPLIED ELECTRICITY.

FIRST YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
Algebra, - -	5	168	C.	Geometry, - -	5	169	D.
Drawing, - -	3	74	I.	Drawing, - -	3	74	II.
Shopwork, - -	3	64	XI. a.	Shopwork, - -	3	64	XI. b.
Physics, - -	5	80	I.	Physics, - -	5	80	I.
Applied Electricity, -	5	65	I.	Applied Electricity, -	5	65	I.

SECOND YEAR.

Trigonometry,	5	170	H.	Engines and			
Drawing, - -	3	67	V.	Boilers,	3	64	X.
Shopwork, - -	3	65	XI. c.	Drawing, - -	3	67	V.
Dynamo				Shopwork, - -	3	65	XI. d.
Machinery, -	5	66	III.	Dynamo			
Applied				Machinery,	5	66	III.
Electricity, -	5	66	II.	Applied			
				Electricity,	5	66	II.

COURSE IN ARCHITECTURE

(DEGREE: Bachelor of Science in Architecture.)

FRESHMAN YEAR.

SUBJECTS: FIRST TERM.	Hrs. a Week	SEE FOR DESCRIPTION		SUBJECTS: SECOND TERM.	Hrs. a Week	SEE FOR DESCRIPTION	
		Page	Course			Page	Course
Algebra, - -	5	51	I.	Analytic Geom.	5	52	II.
English, - -	5	41	I.	English, - -	5	41	I.
French, - -	5	48	I.	French, - -	5	48	I.
Mech. Drawing,	4	74	I.	Mech. Drawing	4	74	II.
Freehand Draw.	2	72	Ia. Ib.	Freehand Draw.	2	72	Ia. Ib.
History of Arch.	2	67	I.	History of Arch.	2	67	I.
Arch. Orders,	2	68	II.	Arch. Orders,	2	68	II.

SOPHOMORE YEAR.

Calculus, - -	5	52	III.	Calculus, - -	5	52	IV.
Des. Geom., -	3	54 74	I. III.	Des. Geom., -	3	54 74	I. III.
Physics, - -	5	80	II. III.	Physics, - -	5	80	II. III.
El. Design, -	2	73	III.	El. Design, -	2	73	III.
History of Arch.	2	67	I.	History of Arch.	2	67	I.
Freehand Draw.	3	72	IIa.	Freehand Draw.	3	72	IIa.
Pen and Ink,	1	76	XII.	Pen and Ink,	1	76	XII.
Water Colors,	2	75	X.	Materials, -	2	70	VIII.

JUNIOR YEAR.

Analytic Mech.,	3	56	VIII.	Mech. of Mat'ls	3	56	IX.
Freehand Draw.	4	72	IIb.	Freehand Draw.	4	72	IIb.
Arch. Research.	3	67	I.	Arch. Research,	3	67	I.
Pen and Ink,	1	76	XII.	Pen and Ink,	1	76	XII.
Heat and Vent.	2	68	IV.	Graphic Statics,	5	57	XI.
Specifications,	2	70	VII.	Specifications,	2	70	VII.
Design, - -	5	68	III.	Design, - -	5	68	III.
Struct. Design,	1	70	IX.				

SENIOR YEAR.

Adv. Design,	10	68	III.	Theory Arches,	2	69	VI.
Adv. Cons. Des.	3	69	V.	Hist. of Orn'm't	1	70	X.
Adv. Cons. Des.	5	57	X.	Sanitary Eng.	2	58	XIII.
Rendering, -	2	76	XI.	Thesis Work,			
Sanitary Eng.	2	58	XIII.				

For information concerning the Preparatory School, the School of Law, the Course of Journalism (post-graduate), and other post-graduate courses, or for information relating to tuition, board, private rooms, etc., apply to the Very Rev. A. Morrissey, C. S. C., President. The University catalogue will be sent to any address on application.

