An Educational Institution Which Offers 150 Courses of Instruction.

UNIVERSITY OF OREGON

## EIGHT COLLEGES AND SCHOOLS: 29 DEPARTMENTS and oratory the ability to appear before an audience with composure, and to speak so as to be heard, understood and be-

Lands, Buildings, Apparatus and Machinery Worth \$160,000-Permanent Endowment Fund of \$100,000-Villard Fund \$50,000 -Faculty Expects Large Attendance This Fall.

The university of Oregon was founded Johns Hopkins university; student at uniand located at Eugene in 1572 by an act versity of Erlangen. of the legislature. In 1576 students, both men and women, were received for regular instruction. In 1884 the school of law was established at Portland, and in 1887 the school of medicine was also established at Portland. The affairs of the university are administered by a board of regents, appointed for a term of 12 years by the governor of the state, and confirmed by the senate. The board at present is omposed of: Dr. S. Hamilton, Roseburg; Hon. C. C. Beckman, Jacksonville; Hon C. A. Dolph, Portland; Hon. William Smith, Baker City; Judge R. S. Bean, Salem; Hon. Charles Hilton, The Dalles; Hon, S. H. Friendly, Eugene; Judge C. B. Bellinger, Portland; Hon. N. L. Butler, Monmouth

#### Support.

The permanent endowment is about \$190, 000 realized from the sale of land granted to the state by the general government for the purpose of establishing a university, and a fund of \$50,000 given by Henry Villara, of New York city. It also re ceives an annual sum from the state, appropriated by the legislature. No tultion is charged, but there is an incidental fee of \$10 at the opening of each year.

#### Situation.

The university of Oregon is situated in the western part of the state, at Eugene, Lane county, about midway between the Cascade mountains on the east and the Pacific ocean on the west, equally distant from the northern and southern boundaries of the state. It may be added that this seat of learning is within two degress of being equally distant from the north pole and the equator. It is 125 miles south of Portland, at the head of navigation on the Willamette river. It is on the Southern Pacific railroad, 21 hours from San Francisco, and five hours from Portland, and has two trains bound north and south daily. Eugene, the county sea of Lane county, has about 5000 inhabi-tants, and its three banks hold deposits amounting to nearly \$700,000. It is an intellectual center of the state, and a city of churches. Beligious activity and social finement characterize its people. The university campus, containing 25 acres, on an elevation, commands a view of remarkable beauty.

## Buildings and Equipment.

The aggregate cost of the grounds and buildings on the campus is approximately \$130,000. There are six brick buildings, five ficished on the outside in concrete. All, excepting one, were built by the state The first, three stories high, erected in part by Lane county and finished by the state, is named Deady hall, in memory of Judge M. P. Deady, who was president of the board of regents from its organization un-Hi, his death in 1996. It contains eight incure-rooms, the halls of the literary societies and four laboratories; the biological, psychological, physical and chemical, The second, Villard hall, named in honor of the chief benefactor of the university, contains five lecture-rooms and an audi-torium that will seat 1500. A gymnasium ing \$5000, and having a main hall 40x85 feet, was built in 1859. A men's dormitory came next, having modern conveniences and capacity to provide room and board at \$2 50 a week for about 90 students. The sixth building, now nearing completion, three stories high, at a cost of \$16,000, appropriated by the last state legisla contain lecture-rooms and laboratories for the departments of chemistry and mining. Besides these are two wooden buildings; one having the observatory is used by the department of applied mathe-matics; the other, Collier hall, is used by the president of the university as his resi dence, excepting several rooms occupied by part of the university library. The en--room, containing the engines and machinery necessary for university purposes; the work shops, the light and water plant, supplying all the buildings; the printing office, with its equipment; the weather station, are also on or near the The school of law has rooms in Goodnough building, Portland. The school of medicine has its own huilding in Portland, furnished with laboratorie and all the aids to medical education, Twenty-third and Lovejoy streets, oppo-

apply

ence to the English language.

Language, English phonology.

Mathematics.

Courses of instruction in mathematics

ley, Ph. D. Professor of Latin-Frederic Stanley Dunn, A. M., university of Oregon, '92, Hopkins university are used in adminis-tering the courses. The English philo-logical library contains over 100 books A. B.; Harvard university, '94. from earliest English texts through the middle English period, and including many of the minor 17th century lyrists. Director of physical education-Charles A. Burden; assistant in physical culture

Yale university, 1896-97. Musical director-W. Gifford Nash, one year in Leipzig conservatorium and three cars with Professor Martin Krauze, of ipzig.

Librarian and registrar-Camilla Leach. Vocal culture-Marguerite Hansen. Assistant in English-Ida Bell Roe, A. B., university of Oregon.

Laboratory assistant in physics-Arthur Charles Hiatt.

Laboratory assistant in chemistry-Bernard E. Spencer.

Publications. Members of the faculty have recently

issued the following publications: Dr. Frank Strong-1, Life of Benjamin Franklin, University Publishing Company, Chicago, 2. Causes of Cromwell's West Indian Expedition, 1554-55, American His-tory Review, January, 1899. 3. A For-gotten Danger to New England Colonles, New England Magazine, April, 1899. 4. Address Before American Historical As-instantic New Herger, 1998. or Colontal sociation, New Haven, 1898, on Colonial American History; in annual report Amercan Historical Association, 1838.

Professor Frederic G. Young-1. Sources of Oregon History: (i) Indian Council at Walla Walla, by Lawrence Klp; (ii) Jour-nal of Medorum Crawford of Trip Across the Plains with First Company of Oregon Pioneers; (iii) Correspondence and Jour nals of Captain Nathaniel Weyth, Univer-sity Press, 1898. 2. Semicentennial History of Oregon, University Press, 1899.

Professor Charles Friedel-Ueber die Ab-orption der Strahlenden Warme Durch Flussigkeiten, Weidmann's Annalen der Physik und Chemie, Band 55. Professor Arthur Lachman-The Spirit

of Organic Chemistry, The Macmillan Co., New York and London, 1899. Zur Existenz des Triaethylamin Oxida. Ber. d. Chem. Jesell., 1899.

Professor Frederick L. Washburn-1 Some Winter Birds of Western Oregon; A Report of the State Biologist to the vernor, 2. Eastern Oyster Culture in regon, illustrated, Popular Science regon, Monthly, December, 1899.

Professor Luella Clay Carson-A Com-pilation of Standard Rules and Regulations for the Composition of English Prose. University Press, 1899. Professor E. H. McAllister-The No-

vember Meteors, University Press, 1899. Professor Frederich G. G. Schmidt-1 Dahn's Sigwalt und Sigridh; a text-book for advanced students in German, D. C. Heath Co., Boston, 1900. 2. Rieser Syn-tax, in "Americana Germanica." 3. Elis-abeth Legend, a Maihinger Manuscript of the 15th Century in Journal of Germanic Philology.

Professor George Lilley-A Discussion on the Zero and Infinity. Colleges and Degrees.

The university has eight colleges and schools, and confers all the degrees state universities are wont to confer up to and including the master's degree. The graduate school is developing toward the granting of the Ph. D. degree in the near future. The university has 29 de-partments, and, not considering the law and medical schools, it offers 150 courses of instruction. Other courses and schools templated. The eight colleges and schools

THE MORNING OREGONIAN, MONDAY, JANUARY 1, 1900.

ture. A few admirable

for chemists, and an advanced mathe-matical course for engineers. Original research work on photometry and dia-

thermancy is carried on. Associated with the department of physics are the depart-

ments of practical mechanics and electri cal engineering. The demand for practi-cal work is increasing yearly. The course

in electrical engineering is similar to that given in Eastern institutions. The uni-versity machine shop is in the basement

of the gymnasium building, and has been

presses, planer and other machinery for

wood and iron, the university electric light and water plants.

Biology.

equipped

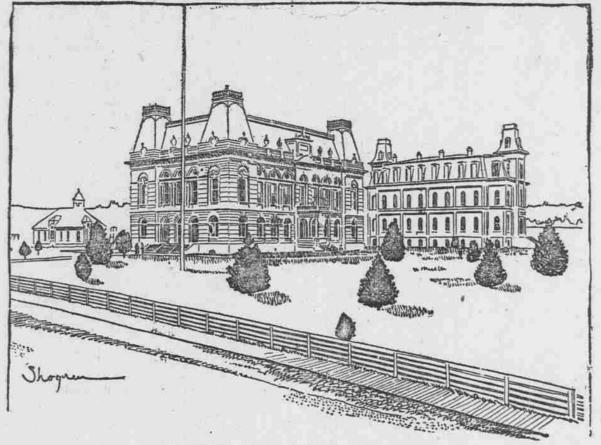
with lathes, saw tables, drill

course in general English literature and in the constitutional history of England ber of water and gascocks, and with will be added. There are two courses in the political and social history of the United States and one in Oregon history Elizabethan drama, Shakespeare, 15th cen-tury prose, versification. Freshman and sophomore courses in English composition and institutions. The library of economics and rhetoric are prescribed for A. B. and B. S. degrees. and history includes nearly all important recent publications on these subjects.

B. S. degrees. There is a good library for technical work in rhetoric and Eng-lish composition, the study of English and American classics, some lines of criticism. Geology. The geological work of the university opens with a course of lectures on geology The library in English drama is especially rich. Students make constant use of all the libraries, periodicals and indexes for by Professor Condon. The first of these courses covers a series of lectures on general geology. A second course based on the special features of the ge-ogy of Oregon and the Pacific coast. M 19 work in English composition. The de-partment of English philology and oratory contemplates in the courses in elocution Minute attention is given to topography, beds of rocks, fossils and geological growth. A third course covers the pale-ontology of Oregon and aims at a minute lleved. The work covers four years of systematic study. There are at least five occasions a year for the delivery of study of its former forms of life, fourth course takes for its scope whole body of geological evidence of the public debates and orations. English philology seeks to enable the student to apply the principles of philological sciprehistoric condition of the human race. A preparatory elective course in physiogcaphy is also offered, intended to cover the ground of physical geography for teachers. The geological cabinet collect-ed by Professor Condon consists of min-Courses are offered in elementary Anglo-Saxon, Beowulf, Chaucer, History of English erals and rock forms that illustrate out Excepting elementary Anglo-Saxon these courses count for graduate students toward the mining studies and structural geo logy with fossil life forms, vertebrate and in-M. degree. The methods of Johns vertebrate, for use in the study of paleontology. This cabinet also furnishes a full and unique record of the past history of the basin of the Columbia river, a re-

gion full of wonders for the student of all lines and of singular value to the specialist student of life in the plant and given in botany, general biology, goology, anatomy, physiology, human osteology, animal. Philosophy.

The department of philosophy offers are given in plane and solid geometry. The department of philosophy offers parently the most popular (as well as the most practical) courses are those which analytic geometry, higher algebra, solid ophy, open to seniors, post-graduates and prepare students for medical colleges and



#### Villard Hall, Deady Hall and the Gymnasium.

analytic geometry, differential and inte-gral calculus, theory of equations and determinents, and differential equations. Advanced courses which may be counted for graduate work are offered in plane and solid analytic geometry, differential and integral calculus, modern analytic geometry, differential equations, theory of functions, quarternions and vector

lective courses in American literature,

or functions, quarternions and vector analysis, projective geometry, theory of algebraic curves and surfaces, theory of substitution-groups and line geometry. The department of applied math-ematics includes astronomy and cer-tain branches of the engineering courses. The equipment consists of a small observatory supplied with an astronomical transit, sidereal clock, and a sextant, together with nearly all the in-

to all others who are prepared to take the study. Elementary psychology, open to all who are prepared. Ethics re-quired as an essential element of a thorough education and an important condition for practical usefulness. Experimental psychology, open to juniors, sen-iors and all who are prepared for the work.

The psychological laboratory consists of two rooms, with apparatus for optical, acoustic, temperature, tactile, reaction, simultaneo us, steadiness, attention, force feeling and memory experiments. Also the equipment includes instruments for the study of the time-sense, sense of po-sition, association, aesthetics, and the motor effects of ideas, and the emotions. There is a supply of apparatus for all

work while attending the university. By doing a certain amount of work in these doing a certain amount of work in these courses, and in the departments of physles and chemistry, a student can enter the second-year class in the school of medicine at Portland. Many leading medical colleges in the United States give our students the same privilege. No institution in the Northwest is so well equipped with apparatus, microscopes, microtomes, physiological apparatus, skeletons and models as the university of Oregon. Preparatory medical students have the use of human skeletons, incubators, a set of embryological models in wax from Freiburg, Germany, a kymograph imported from Cambridge, England; sphygmograph, made by Mr. Seth McAllster, of the university; manometers,

enable them to anticipate some of their

est in the three colleges belonging to the electrodes for currents of various dimen-tions as high as 70 ampheres. Most of league. Thus far the university has we two of these debates. The oratorical co won the apparatus is of European manufac tests have been conducted with enthusiploces of the asm by the eight colleges co ed. Out simpler forms, such as galvanometers seven intercollegiate contests, three commutators, earth-inductors, etc., have been contributed by students taking the course in practical mechanics. The labhave been won by the university; there have been but two interstate ornitorical contests, both won by the university. The two Christian Associations get out an anoratory methods are those of Johns Hop-kins and other Eastern institutions. Lab-oratory manuals in the hands of students nual hand-book. No greater recognition of the character of their earnestness and are those of Ames and Bliss, Stuart and George Nichols, Wiedemann and Ebert. Theoretical instruction in physics is given work could be given than the recent apwork could be given than the recent appointment of Stuart B. Hanna, of '97, as the first college secretary of the Y. M. C. A. for the Northwest. This territory will include Oregon, Washington and under four courses: An elementary course for all freshmen, a general laboratory Idaho course for beginners, an advanced course

### In the Field of Athletics, Perhaps the chief glory of the athletic

association is its high ideal of college athletics, which it attempts to reach, both by theory and practice. Here is the score for the past two years: Football in 1898-U. of O. 34, Chemawa Indians, 0; U. of O. 95, Portland univer-sity 0; U. of O. 0, Multnomah Athletic Club 21; U. of O. 38, Oregon agricultural

college 0. Track athletics in 1829-U. of O., 5 points; Oregon agricultural college, 18 Pacific college, 18; Willamette university

17%: Oregon state normal school, 5%: Pa-cific university, 3. Football in 1899-U, of O 29, Chemawa Indians 0: U, of O. 0, Multnomah Athletic

In the biological department courses are Club 5; U. of O. 0; university of California 12; U. of O. 0, Multnomah Athletic Club 0;

U. of O. 35; Southern Oregon normal 0; U. of O. 38, Oregon agricultural college 0; histology and embryology. None of the courses are prescribed for a degree. Ap-parently the most popular (as well as the most practical) courses are those which U. of O. 6, Albany college 0. The football team carried intercollegiate

athletics outside the state for the first time this fall, when they met the Berkeley team on the campus of the university of California.

## The Alumni.

The alumni, especially and also the great body of undergraduate students who have come under the influence of the university. are its richest possession. These, if they return to the state full value for whithe state has invested in them, demon what strate the right of the university to exist If the roll of the alumni could be called here, the responses would indi-cate something of the return this university is making to the state. The first name recorded in the first graduating class, that of 1878, is the name of one of the justices of the supreme court of Oregon and of the president of the board of regents, Robert S. Bean, A few other names are: Clay M, Hill, Baptlst minis-ter, Oakland, Cal.; Edward P. Geary, physician, Portland; J. D. Fenton, physician Portland; William I. Vawter, banker, Medford; Horace McClure, editor Sunday Post-Intelligencer, Seattle; Arthur L. Frazer, judge circuit court, Portland; B. B. Beekman, lawyer, Portland; E. C. Potter, county judge, Lane county; Arthur Veazle, lawyer, Portland; Herbert S. John son, Baptist minister, Boston, Mass.; Seymour Condon, deputy prosecuting attor-ney, Oakland, Cal. There are five pro-fessors in colleges in this state and Washington, six teachers in high schools, and a large number of principals or teacher, in the public schools. To quote from a lotter written last summer by an alumnus then completing two years' work in Har-vard, "there wore 20 vacancies this sum-mer in and about Boston in the Baptist churches. The two best were filled by University of Oregon men." It is notable that, with few exceptions, alumni who have gone to Eastern universities or pro-fessional schools for advanced training have taken rank. The Alumni Association was organized in

1879. Its objects are: "To advance the cause of higher education; to promote the interests of the university of Oregon and to encourage mutual acquaintan and good fellowship among the alumni." Intellectual Center of Oregon.

leader in whaever tends toward higher

education and culture, to put Oregor where it belongs, at the head of the in-

fluences that are to give new shape to the civilization of the 20th century. It will be a further endeavor of the administra-

tion to make the university the center of

all those scientific educational influences that are necessary to the upbuilding of

Relation to Public School System.

the material interests of Oregon.

# The keynote of the policy of the univer-

#### How a Portland Furniture-Dealer sity administration will be to make the Won the People's Confidence. state university the center of the intel-lectual life of the state, to make it the

Twelve years ago the name of William Gadsby was unknown in Oregon; today it is a household word throughout the entire Northwest, and it is very doubtful if a person can be found in Oregon that can read and write who would be unable to tell the inquirer that Gadaby was the great housefurnisher of Portland. About 12 years ago William Gadsby opened what would now be considered a small furniture store on First street. The stock then, as now, was well selected, and

THE TRUE TEST.

### that have a special bearing upon general culture will not be neglected, but will be made the foundation of all the rest. The library, if possible, will be greatly enlarged, because of its utter inadequacy, and it is hoped in a comparatively short time to increase the number of volumes to 25,000 To Enlist Public Interest. It is intended to make such careful use

ciology. The development of departments

of the university funds that the legislature shall not hesitate to grant liberally to the university needs, and to increase the influence and importance of the uni-versity to such an extent that men of Oregon who have means shall not be afraid to invest it where it will do the most good, in the education of our young men and women. For he who gives to the university of Oregon now will be able, as never again, to stamp his name and influence forever upon the civilization of the state. In order so to increase the import-ance and influence of the university, it is intended to draw to its fold the best teachers that can be had in the United States. A university is made or unmade by its teachers, for if there is among them an Agassiz, or a Hopkins, or a White, or a Dana, no power on earth can

White or a Dann, ho power of the keep students away. And, hasily, it is intended to develop at the university of Oregon a personality, founded on a true democracy of learning, that shall be as unique and as powerful of Value of Markard or Marward of as the personality of Yale or Harvard of Herkeley.

A PROMINENT STATE SCHOOL.

## Benedictine Monastery and College

of Mount Angel, Or. Mount Angel college was founded by Very Rev. Father Adelheim, O. S. B., In 1887, with the power of granting the usual academic honors. In 1938 the power to grant normal diplomas was obtained from the state. The rapid influx of students necessitated the erection of the present col-lege building. In 1892 the Benedictine monastery was destroyed by fire. This was a severe blow to the fathers, but they manfully bore up and sought by means of subscriptions to lay the founda tion of a more durable structure. Ver Rev. Father Adeihelm solicited subscrip Very tions in the East, while the fathers at home labored successfully for the better-ment, morally and intellectually, of those intrusted to their care. How well they succeeded is seen by the meautiful structure shown in the cut, which stands forth as the fruit of their energetic labors, a musical institution it outrivals any 'n the state, and all the musical organizations of the college, band, orchestra and choral society, are in a flourishing condition. The present enrollment of stu-dents is 133. The undergraduate department comprises the classics, English literature, modern languages, mathe the natural sciences. In this department legrees of bachelor of arts, science and letters are conferred. The graduate department comprises courses in natural philoso phy, higher mathematics, metaphysics and ethics which lead to the master's degree. Certificates are granted after successfully completing the commercial, surveying and engineering courses. The able corps of corps of Instructors which comprise the faculty of Mount Angel college is numerically (it numbers nearly 20 professors) and from an educational standpoint the equal, if not the superior, of any college in the Northwest, The beautiful buildings formerly occupied by the Methodist educational in-stitution, known as the Portland university, have been offered to the Benedictine Fathers for a university. The offer is very tempting, and for the fathers very flattering, and a striking tributs to their successful educational efforts.

ter's ink was freely used to let the people know that an up-to-date man with in up-to-date stock had arrived in Port-

senced in 1893, and Mr. Gadsby was

iled to secure a larger building to hold

com-

The commo-

## site Good Samaritan hospital.

## Library.

The library now contains about volumes. Part is in Collier and a small fraction hall. in each of several department libraries in lecture-rooms. Mr. Villard, the chief benefactor of the university, gave at one time \$1000 for books, at another time \$700 from the Villard endowment. The only regular income of the library is the an-nual sum of \$400 coming from the Villard and. Occasionally a special appropria-on is made from the general fund. These fund lecting a good reference library. amounts go for books of general value and special reference books for each de-A few years ago Hon. J. N. Dolph, then United States senator from on, secured the recognition of this library as a depository of all documents published by the general government at Washington. A reading-room contains many American and foreign literary and scientific periodicals.

#### Faculty.

President-Frank Strong, Ph. D., Yale university; lecturer in history, Yale university, 1897-1899, Professor of G ar of Geology-Thomas H. Con-

don, Ph. D. Professor of Greek-John Straub, A. M.,

Mercersburg college. Professor of philosophy-Benjamin J. Hawihorne, A. M., Randolph Macon col-

Professor of English and English literature-Luella Clay Carson, A. M., univer-

ity of Oregon. Professor of applied mathematics-Edand H. McAllister, A. M., university of Oregon. Professor of logio-E. B. McElroy, Ph.

Willamette university; state superin-dent of public instruction 1882-95. Professor of physics-Charles Friedel

<sup>2</sup>h. D., university of Leipsic; student at Johns Hopkins university, 1822-23. Professor of biology-Frederick L. Ph. D.

Professor of biology-Frederick L. Washburn, A. M., Harvard university; graduate student at Johns Hopkins uni-versity, 1886-87, and at Harvard university, 1888-85. Appointed state biologist 1899. Professor of economics and history-Frederic G. Young, A. B., Johns Hopkins university; university scholar, Johns Hopuniversity, 1886-87

Professor of English philology and oratory-Irving M. Glen, A. M., university of Oregon; graduate student at Johns Hopkins university, 1894-96. Professor of chemistry-Arthur Lach

D., university of Munich; in ator in general chemistry, university of Michigan, 1896-97. of modern European lan-

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guages-Frederick G. G. Schmidt Ph D. and

 The graduate school.
The college of literature, science and the arts

The college of engineering-civil, electrical, mining, mechanical or municipal. 4. The school of political science and history.

5,	The	school	of	mines.
6.	The	school.	of	pharmacy.
		school		
8.	The	school	nt	modicine

## Departments.

The 29 departments are as fallows Greek Latin, German, French, Spanish, English, English philology, oratory, English literature, mathematics, applied mathematics, history, economics, political science, philosophy, logic, geology, chemis-try, physics, biology, psychology, engineering (4), music, physical education, law,

#### Courses of Instruction-Greek.

The department of Greek offers three full years of required Greek in the classical course, and three years in college as electve. The second year includes the Ana-basis, Herodotus, etc. The third year covers Homer, the Memorabilia, Lysins' basis. Orations, the Philippics, etc. The fourth year elective courses include selections from Pindar, and from the plays of Sopho Euripides, Aristophanes, the of the Greek constitution, the Greek the ater, mythology and art. Graduate courses are also offered. The department is col-

#### Latin.

The Latin department offers courses modeled after Harvard's undergraduate cunriculum. A student entering the university with the proper preparation required by all colleges, i. e., four years of high-school Latin, has a rich field before him. Freshmen read Livy and Terence, with selections from Lyric, Elegiac and Iambic poetry. Special lectures are given upon kindred topics, such as "The Regal Period of Rome," Latin Lyric Poetry. A course in advanced Latin composition is also of-fered. The sophomores read Horace and Tacitus. Juniors have selections from the biographics of Sustaining the lotters the blographies of Suctonius, the letters of Pliny, the satires of Juvenal, and the epigrams of Martial. The seniors read Plautus, Lucretius, and the satires and plstles of Horace. The department pro-vides several graduate courses, open also to qualified undergradutes; a half-year course in Catullus and the Elegiac Poets a half-year in the Letters of Cicero; lecture courses in the Latin literature of the mpire, and in Roman satire from Ennius to Juvenal are given in alternate years, lemented by special studies and read-Ing.

## Modern Languages.

The department of modern European languages offers courses in German, French and Spanish. Opportunity is given for graduate courses in German and These are intended especially French. for students who desire to make the teaching of German and French their profes-sion, or who expect to take their M. A. degree in these languages. Careful atention is given to the linguistic as well as to the literary training of the student, aiming at a comprehensive insight into the historical growth of the Germanic and nance languages and literatures. An lementary course in Spanish is also provided and Italian and other Europ nguages will be added as occasion requires.

English and Literature. The department of English literature

one prescribed English provides

struments commonly used by the sur veyor. Courses are offered in general asmy, spherical and practical astronomy and celestial mechanics.

Observatory work includes the deterof sidereal, mean and sta mination time, latitude, longitude, azimuth, etc. The courses in surveying cover both a careful study of theory and a large amount of practical work in the field. and a large Special work in railroad and canal surveying is contemplated in the senior year of the course in civil engineering. Under this head attention will be devoted to large irrigation ditches, as it is believed that these are about to become a prominent factor in the development of certain portions of the state. The cours statics develops the methods

of finding the stresses in roof and bridge trusses, or any framed structure, by drawing diagrams. Practical examples are worked out in detail by the students, preliminary to the design of the struc-

### Economics and History. A general course in economics and

one in history are prescribed for all degrees. Through these prescribed, courses onomics and history the student is for the first time made conscious of the real power he may have for these lines of study. The elective courses are chosen by the young men who have a taste for a public career and by all who have in-clinations toward law, journalism or the ministry as their profession for life. The urses offered in economics include the lowing: General principles of economourses

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ary psychological Physiological psychology, open to all who are prepared. The laboratory is conduct-ing a systematic experiment in cross education. Result will be published. The department of logic offers the fol-

owing courses: A course in elementary logic, open to all students prepared to logic. take the study. A course in ad-vanced logic emphasizes the utility of the study through principles of definition and division, propositions, the syllogism, fal-lacies, etc. Textbooks, Hyslop, Jevons, Another course applies deductive logic to English grammar and rhetorical analysis through a textbook by Maetzner and lectures. The junior course considers the province of logic and its relation to other sciences. It includes the solution of prac tical problems. The senior course considers the nature of the laws of thought and a general science. Textbooks, Welton, Mill Chemistry and Assaying.

The present chemical laboratory has 96 individual desks for students; new laboratory will have accommodations for 200. Present lecture-room seats 60; new room seats 115, and will serve as an auditorium for lectures, etc., for smaller assem-blages. Outfit of apparatus is worth about \$2500, and includes five analytical and as-say balances of the best makers; the assay balance will indicate the weight of a pencil mark on a piece of paper. The out fit also includes a complete set of apparatus for gas analysis, five assay naces, combustion furnace, bomb fur-nace, good collection of lecture demonics, history of economic thought, finance, stration apparatus, automatic water-still. money and banking; the industrial organ- and a 100-light gas machine. The labora-

high-power lenses, etc. The course general biology is an introductory course of general interest. Music. The department of music has outlined a thorough musical course, leading to the degree bachelor of music. The Treble Clef Club is composed of ladies' volces, and the Thanksgiving concert of the male

> Glee Club has become a recognized feature of the fall semester. The Glee Club makes an annual tour during the Christmas holidays. The Ladies' Musical Club given several concerts this season one devoted to Wagner. An oratorio has been given every year, and near the clo of the '99 semester a music festival of three days was held, in which choruse from several towns participated, and the Willamette Valley Choral Union was formed, with the intention of holding May festival every year. Planoforte and vocal recitals are given during the year. and all students of the department 874

equipped for physical education, which is strongly emphasized in connection with college work. It is provided with useful apparatus, costing about \$500, and consisting of parallel bars, long horse, flying rings, Indian clubs, dumb-bells, and modern Swedish apparatus, including balance swing, climbing ropes, Swedish lad-der, etc. The main hall is 40x85 feet, with a 25-foot ceiling. The director's office contains some instruments for anthropom-etry. The annex has dressing-rooms, lockers, and shower baths. In addition to the regular class drills, which consist of training in athletic sports, the university is represented by a football eleven, a baseball nine, a track athletic team, a tennis club, a basket-ball team, an in loor baseball club, and a golf club. Women are admitted to separate classes un der the same conditions as men.

#### Entrance Repuirements.

preparatory and collegiate courses, for there are not yet fitting schools in some parts of the state to prepare students for freshman work. The university plans in comparatively few years to be relieved of all subfreshman work; but now a few courses mathematics, English and literature, ·1n the first year in languages, both ancient and modern, and in laboratory sciences, must be provided for by the university. The university requires 130 credits for graduation; 62 preparatory credits (representing fours years of work between the eighth grade of the common schools and the freshman year), and 68 college credits. By a credit is meant the value a student earns by the work of one hour a week for one school year. Fifteen credits is a good years' work for the ordinary high-school No student is admitted in full student. standing in the freshman class who has not earned 62 credits, and no student is admitted into the preparatory courses who has not already earned at least 30 credits; that is, who has not satisfactorily done the work of the first two years in a recognized high or secondary school (or an equivalent). It follows that the university offers courses through which the student the earn the remaining required 100

### Literary Societies.

Two literary societies for men and one for women have weekly meetings and promote chiefly knowledge of parliamen tary law and skill in debate. The univer struments of measurement. The labora-tory is provided with a convenient num- debates, showing a high degree of inter-

To accomplish these purposes, the polic will be to unify all of the educational influences of the state. It is intended tambours, centrifuge and hematokrit especially to organize and unify the whole and. Competitors were surprised at Gadsstata public school system, common schools, grammar schools, high schools by's half-page and full-page ads that appeared from week to week in The Oregonlan, but the people liked it, and showed appreciation in the best possible manner by flocking to the store and makand state university. The vigor of the educational influences of the state, whether public or private, depends upon the development of the public school sys tem. On this point the utterance of An ing purchases, either for cash or on credit. The business continued to prosper, notdrew D. White, now minister to Germany withstanding the duil times that and then president of Cornell university is of the greatest value. We are told by President Jordan that in an address to the immense stock it was necessary to the alumni of Cornell university he carry in order to properly supply pealed to them to stand by "our state rapid increase of business. universities, for in them is the educailous four-story building at the corner of Washington and First streets was secured tional hope of the South and West." Suc inification has been brought about in and it is now known as "The Gadsby Block," Gadaby carries everything in stock to furnish a house complete, and, California by the state university, and it Block." must be done by the state university in Oregon. By this is not meant any unfully belleving in the policy of selling a worthy competition with other influences or institutions tending to build up the state, and it has been the general exlarge quantity of goods at a small profit, the house was brought into close touch with the people, who have perfect confiperience of the West that the strength ning of the state university leads inevitably to the strengthening of all other cational institutions in the state

may be put out by the state superintend

ent of public instruction and the president of the state university which shall become

practically uniform throughout the state

dence in the admirable business methods employed. All classes of people are treated alike at this establishment, and the excellent system adopted prevents delay in showing goods or the delivery of the It is intended that the different depart. ments shall put out from time to time sime after the purchase has been pamphlets upon work in the high schools which relates to their departments, in Mr. Gadsby has made an iron-clad rule that every promise made in advertise ments must be lived up to strictly, and which will be suggested to teachers nethods of work, reference books, outline fact alone has contributed largely of study, how to make apparatus, collect toward securing and holding the confitions, etc., etc. It is hoped that a course of study for high schools and academies dence of the people of the Northwest.

A LIBERAL POLICY.

#### a Wide-Awake Business Man How Grasped an Opportunity.

and shall make provision for students wishing to enter the state university. Success in business means a rough roud Practical Aspects of the Polley. raveled and numerous obstacles overcos The administration hopes to develop the that at the time seemed almost insur nountable. When J. F. Handley & Co. noved from Third streat to 291 Washinginiversity symmetrically, and thus pro vide adequately for those practical lines ork that bear directly upon the on street, and added a line of cigars and tobaccos in connection with newspapers and periodicals, the wiseacres shook their of the people and upon the material development of the state. In this way the chool of mines is being enlarged, and the heads and said that there were too many igar stores already on that street, and hat the venture would prove a failure. work in mining, municipal, civil and electrical engineering reorganized and devel-oped. In this way it is intended through Handley was not asleep, however, and having secured all of the standard brands the proper departments to cover the state f cigars, cut the retail price from 15 cents with surveys showing the location of the woods, and their extent, the use o 10 cents and advertised that fact lib scally in the daily papers. Other dealers said that it would be ruinous to continue for which they are most valuable, the lo cation and extent of the building ston fire clays, ochers, coal and metals beside his course, but Handley only smilled and served the numerous customers that thronged his store daily. The ruinous pelgold and silver; in short, to become the center for free advice and information in regard to all the resources of the state icy still continues, and, strange as it may seem, Handley & Co. seem to be prosper-ing. While most of the goods sold for 10 with which the state university can aclentifically deal. It is intended also to make the university a training school for those cents cost 9 cents, yet the immense quan-tity sold enable this enterprising firm to who are to develop these resources.

The Graduate School. The graduate school will be developed as fast as conditions warrant, and especial provision will be made for teacher who wish to supplement work already done by specializing along lines of thei choice, or who want assistance toward a nore professional training. It is inten ed to make the graduate school worthy of the patronage of those who have grad uated from any of the collegiate institutions of the state, with all of which the

iniversity expects to come into the most cordial relations. Oregon's Peculiar Opportunities.

The administration desires, as far as its neans will allow, to enable the young men of Oregon to meet the demands that have arisen through the acquisition of the Philippine islands and the opening of Asia erican influences. Courses in Span sh will be offered, as well as courses on elementary jurisprudence and those touching directly on colonial administra tion and civil service. In connection with this it is hoped to enlarge greatly the de-musical festival from 5:30 partments of history, economics and so-and all home-like comforts.

ontinue the liberal policy outlined above. WATSON'S RESTAURANT.

#### Business System and Superior Serve ice Prevnils.

Ask anyone which is the largest and Ask anyone which is the integers and best restaurant on the coast, and the answer invariably is, "Watson"," of Portland. Established in 1992 by Watson others, proprietors, it has steadily grown in favor until today it enjoys an enviable prestige. Located at 109-111 Fourth street, the dining-room is 50x100 feet, containing 24 private rooms for ladies, nicely fitted up with mirrors, and seating ca-pacity for 250. Throughout the entire institution absolute cleanliness and perfect ventilation are insured, and over 60 peoole are employed, 32 being waitresses in uniform. On Sundays a special 25-cent chicken dinner is served, and on Thanksgiving. Christmas and New Year's a fine 50-cent turkey dinner. Patrons enjoy a musical festival from 5:30 to 7:20 P. M.

## Willing ----THE PARTY AND THE PARTY AND THE The Dormitory, Oregon University. ization of England and America. Courses | tory also owns a complete collection of in modern economic problems and such cabinet minerals for demonstration purin modern economic problems and such as are directly preparatory to courses in poses, a good working set for student use, and an extensive collection of over 1000 or-ganic and inorganic chemicals for all purcommerce and public service are contem-

plated. In sociology a course which gives the point of view of a leading sociologist is presented and the positions taken by other thinkers in this important new field are brought into relation with the system previously outlined. In public law a course is given in political science and comparative constitutional law is developed by bringing the constitutional systems of the leading nations into com-parison. The American political system is studied with Bryce's Commonwealth as guide. A course is also offered in in-ternational law. The courses in history

poses of study and research work. assay outfit answers every demand that can be made upon it, and the laboratory has been performing the regular assay work of several mining companies in the Bohemia district. This is a very popular branch of chemical work There are two graduate stunts. dents in chemistry this year. Physics and Engineering.

The department of physics is equipped with about \$3000 worth of the best and most modern forms of apparatus and in-struments of measurement. The laboraare grouped into series comprising three in European history, one in English po-litical and social history, to which one

expected to make at least one public appearance. Physical Culture. The gymnasium of the university is well

Many of the departments offer both may e credits.