

Liberal Arts & Sciences

ACADEMIC ADVISING

Students in Tulane College and Newcomb College have varied advising resources available to them. Prior to registration for the first semester students are assigned to an academic advisor in the Associate Dean's office. These advisors are able to answer questions that arise during the initial period of adjustment to the college environment. Academic advisors offer their students information and advice about matters such as selecting appropriate courses, maintaining satisfactory progress, and choosing a major.

Each department and program within LAS has a faculty member available each semester to provide students who have not declared majors with information about the courses, majors, and opportunities available within that department or program. These departmental advisors are available to meet with interested students at a scheduled time each week. When students declare a major, which they must do by the start of the fourth semester, they are assigned to a faculty advisor in the major department or program. The faculty advisor helps the student design a program in the chosen field of study.

The following groups have special advisors in addition to their regular faculty advisors and academic advisors: students from other countries, the director of the International Student Center; prelaw students, the prelaw advisor; premedical students, the health professions advisor; service personnel and veterans, the registrar.

The role of advisors is to give information and, when appropriate, to offer opinions or make recommendations. Students have the responsibility for making their own decisions, monitoring their progress toward the baccalaureate degree, and meeting all degree requirements.

DEGREES

The degrees offered differ slightly in requirements but expose the student to a wide range of thought, fact, and human experience. Such a liberal education broadens a student's knowledge and awareness of each of the major areas of human understanding into which the disciplines are divided: humanities and fine arts, social sciences, and sciences and mathematics. As an outcome of a liberal education, the student is prepared for a constructive role in society and for continued learning that contributes to a productive career and a rewarding personal life.

Tulane College and Newcomb College offer the bachelor of arts (B.A.), bachelor of science (B.S.), and bachelor of fine arts (B.F.A.) degrees. Although students usually complete the requirements for one degree, some elect to complete two degrees. Additionally, joint-degree programs involving the completion of degree requirements in either Tulane or Newcomb and another college or school also are available. Some of these programs allow a student to begin work toward a professional degree in the fourth year of college.

The degrees awarded by the colleges depend on the major program(s) completed by the student. Candidates completing a major program in the humanities or the social sciences receive the B.A. degree and those completing a major program in the fine arts (art, music, and theater) receive either the B.A. or the B.F.A. degree. The B.S. degree is awarded to candidates completing major programs in the sciences and in mathematical economics. Candidates completing major programs in anthropology, earth science/geology, economics, mathematics, and psychology receive either the B.A. or the B.S. degree.

REQUIREMENTS FOR DEGREES

The credits presented for the degree must satisfy the proficiency, distribution, writing, and major requirements described under "Curriculum" in this section. Each candidate for the bachelor of arts, bachelor of science, or bachelor of fine arts degree is required to have completed 120 credits of academic work and to have achieved a 2.000 cumulative grade-point average at Tulane and in the major. At least 66 of the 120 credits must be earned in courses above the 100 level. To qualify for two baccalaureate degrees from either of the liberal arts and sciences colleges, a student must complete a minimum of 150 credits, at least 82 of which must be above the 100 level, and satisfy all requirements for each degree and each major. A candidate also must file a degree application for each degree at least two semesters prior to the anticipated date of graduation.

Students who are not exempted by advanced placement must complete the first-year writing proficiency requirement by the end of the second semester of enrollment in the College. Students who have not completed the requirement and who are not enrolled in an appropriate first year writing course in the second semester may not early register for the following semester and may not return to the College until this requirement has been fulfilled. Unless exempted from the foreign language proficiency requirement, students should register for an appropriate foreign language course in the first semester and remain enrolled each semester until they have fulfilled the proficiency requirement. Students must complete the foreign language proficiency requirement by the end of the fifth semester of enrollment in the College. Students who have not completed the requirement and who are not enrolled in a 203-level course (or equivalent such as H204 or 205) in the fifth semester of enrollment will not be permitted to register for the following semester. They may not enroll in the College until this requirement has been fulfilled. Students who are not exempted by advanced placement must complete the mathematics proficiency requirement by the end of the fifth semester of enrollment in the College. Students who have not completed the requirement and who are not enrolled in a course approved for completion of the mathematics proficiency requirement in the fifth semester of enrollment will not be permitted to register for the following semester and may not enroll again in the College until the requirement has been completed. These policies apply to all students, including those who contemplate leaving for any reason prior to graduation.

The recommended semester program consists of four or five courses totaling 15-18 credits.

A candidate for a degree from either of the colleges must have completed the last 27 credits of course work in residence in the College and a minimum of 60 credits at Tulane University. Students who participate in a Tulane University study abroad program or in the Washington Semester program through Tulane in the senior year are considered to be meeting the senior residency requirement, as they are earning Tulane grades and credits.

Students may count a maximum of twelve credits of summer work at Tulane, or up to six credits of summer work from other institutions, as part of their last 27 credits that must be completed in residence.

Once a semester, each student receives a computerized degree audit showing all completed courses and indicating the general degree requirements and major requirements that remain to be fulfilled before graduation. Students should discuss their degree audits with their advisors and report errors to the associate dean's office as soon as possible. Each student is responsible for knowing the exact degree requirements as stated in the Liberal Arts and Sciences section of this catalog and for enrolling in appropriate courses to satisfy those requirements.

ADVANCED STANDING AND EXEMPTION

Whereas the University awards placement or credit to students who have earned sufficiently high scores on AP or IB exams, students not in the programs also may have special expertise in a subject area and may already be proficient in English or in a foreign language. Consequently, these departments offer proficiency examinations. Students who demonstrate proficiency in English receive credit appropriate to the course from which they are exempt. Students who prove proficiency in a foreign language through a sufficiently high score on the College Board Achievement Test, or on the departmentally administered proficiency exam, are exempted from the language requirement, with no credit awarded. Exemption and credit may be given in other departments on an individual basis.

PROFICIENCY COMPONENT

The Liberal Arts and Sciences curriculum is built on a solid framework of the fundamental literacies of our time: spoken and written English, a foreign language, and mathematics or a comparable skill. Students may meet these requirements entirely or in part by advanced placement credit, departmental tests, or successful completion of university course work. Courses taken to satisfy the proficiency component do not count toward the distribution component.

English

Proficiency in English may be satisfied with a passing grade in an approved first-year writing proficiency course, by an Advanced Placement score of 4 or 5, or by a score of 5, 6, or 7 on the higher-level International Baccalaureate English exam. Freshmen who have an AP score of 4 or 5 receive four credits and are not required to take further work in English. Freshmen who have not taken the AP examination but have a verbal SAT of 670 or better or a verbal ACT score of 29 or better and excellent secondary school grades in English are invited to take an English department proficiency examination during orientation. Those who score the equivalent of B+ or better receive four credits and are not required to take further work in English.

Credit earned in UENG 099 or UENG 100 will not satisfy the proficiency requirement and may not be applied toward a Newcomb or Tulane College degree.

Foreign Language

Proficiency in a foreign language may be satisfied with a passing grade at the 203 level by an AP score of 4 or 5, by an SAT II Subject Test score of 640 or above, or by the equivalent score on a Tulane-administered test. To receive credit in foreign language courses, a student must be placed by the appropriate department in an initial course. Only the department chair or designate may change a student's placement. After placement or the successful completion of a proficiency-level course, a student cannot earn credit in a lower-level course in the same language.

Mathematics or Comparable Subject

For candidates seeking the B.A. or B.F.A. degree, proficiency in this requirement may be satisfied by passing one course in mathematics, or symbolic logic (Philosophy 121); by an advanced placement score of at least 4 on either the Mathematics AB or BC test. Mathematics 119 may not be counted toward the mathematics proficiency requirement.

For candidates for the bachelor of science degree, six credits of mathematics are required, excluding symbolic logic and Mathematics 115, 119, and 140. However, the combination of Mathematics 115 and 116 (subject to the restrictions listed in Mathematics Introductory Courses) may count as one course toward this requirement. The second mathematics course may be used in partial fulfillment of the sciences and mathematics distribution requirement. Students in the B.S. program may satisfy all or part of the requirement with the appropriate AP score(s). A score of 4 or 5 on the Advanced Placement AB exam or a score of 3 on the BC exam earns credit for Math 121. A score of 4 or 5 on the BC exam earns credit for MATH 121 and 122. Alternatively, students who earn an acceptable score on the departmental examination will receive four credits. Because some Liberal Arts and Sciences departments may recommend particular mathematics courses to supplement their majors, students are advised to consult their prospective major department's listing in this catalog.

DISTRIBUTION COMPONENT

The academic disciplines of the Liberal Arts and Sciences are divided into three groups: humanities and fine arts, social sciences, and sciences and mathematics. To ensure that a student receives a liberal education with exposure to a broad range of knowledge, each student must complete courses distributed across the disciplines. Of the nine courses, one must be chosen from a list of courses in Foundations of Western Culture, and one must be chosen from a list of courses in Non-Western and Latin American Cultures. Courses taken to satisfy major requirements also may satisfy the distribution component.

Humanities and Fine Arts

Three courses (at least 9 credits) must be selected from at least two different disciplines, including at least one course (at least 3 credits) in the fine arts (art, dance, music, theater) and one course (at least 3 credits) in the humanities: Asian languages, classics, classical languages, communication, English, French, Germanic languages, Italian, Jewish studies, linguistics, philosophy, Portuguese, Slavic languages, Spanish. One and two-credit courses in dance and/or in applied music totaling at least three credits may count as a fine arts course.

Social Sciences

Three courses (at least 9 credits) [B.F.A. majors: two courses (at least 6 credits)] must be selected from at least two different disciplines: anthropology, economics, history, Latin American studies, political economy, political science, sociology, women's studies.

Sciences and Mathematics

Three courses carrying at least 3 credits each [B.F.A. majors: two courses carrying at least 3 credits each] selected from at least two different disciplines: astronomy, cell and molecular biology, ecology and evolutionary biology, chemistry, geology, mathematics, physics, psychology. At least one of these courses must be a laboratory course from the approved list.

WRITING REQUIREMENT

The Writing Requirement may be satisfied with a passing grade in at least one approved Writing Course beyond the proficiency requirement in English. Only courses on the approved list of writing courses may satisfy this requirement.

MAJOR COMPONENT

A major field of study gives each student the opportunity to explore a single area of inquiry in depth and to gain the self-confidence derived from mastery of a subject. Major programs are listed below and must be selected no later than the beginning of a student's fourth semester of college study.

Students may elect to complete more than one major. They must complete all courses for each major and a total of at least 18 different courses in the two majors. Students declaring a second major must submit their programs of study to the associate dean for approval. At least half of the coursework required for majors must be completed at Tulane University."

Special programs such as premedical, prelaw, teacher certification, and ROTC are not major programs. Special program requirements or options are undertaken in addition to or in conjunction with the major program.

MAJOR PROGRAMS

African and African Diaspora Studies

American Studies

Anthropology

Art History

Art Studio

Biological Chemistry

Cell and Molecular Biology

Chemistry

Classical Studies

 Greek

 Latin

Communication

Dance

Earth Science

Ecology and Evolutionary Biology

Economics

English

English Writing

Environmental Geoscience

French

Geology

German Cultural Studies
German Language and Literature
History
Italian
Italian Studies
Jewish Studies
Latin American Studies
Linguistics
Literature
Mathematical Economics
Mathematics
Medieval Studies
Music
 Music Performance or Composition
 Musical Theatre
Neuroscience
Philosophy
 Law, Morality, and Society
 Language, Mind, and Knowledge
Physics
Political Economy Concentrations
 Law, Economics, and Policy
 Moral and Historical Perspectives
 International Perspectives
Political Science
 American Politics and Policy
 International Relations
Portuguese
Psychology
Religious Studies
Russian
Russian Studies
Sociology
Spanish
Theatre
Women's Studies

COORDINATE MAJOR PROGRAMS

Some coordinate major programs also are available. These interdepartmental majors require that a major from the preceding list also be completed. Students must complete all courses for each major and a total of at least 18 different courses in the two majors.

Asian Studies

Cognitive Studies

Environmental Studies Concentrations

 Environmental Policy

 Environmental Science

International Development

SELF-DESIGNED MAJORS

A student with a 3.000 cumulative grade-point average may construct a major program by grouping courses from different academic departments. Such self-designed majors must include at least 10 courses, more than half of which must be at the 300 level or above; no more than two courses below the 300 level may be taken in any one department. A student wishing approval of a self-designed major must prepare a proposal including the title of the major, courses, rationale, and appropriate departmental approval. This proposal must be submitted for review to the Committee on Academic Requirements before the end of the student's sixth semester. As these proposals often require revision and resubmission, they should be submitted earlier than this deadline.

MINOR COMPONENT

The liberal arts and sciences colleges allow students to complete one or two minors. The minor is optional and designed to give structure to the study of a secondary field of interest chosen by the student. Students must complete at least 24 credits in the major which do not overlap with the minor. Students who elect to complete the requirements for a minor must earn a grade-point average of at least 2.000 in courses counting toward that minor. No courses counting toward the student's first minor will count toward the student's second minor.

Individual departments may have additional restrictions on major-minor overlap. Students should consult the department listings for additional information.

Minor Programs

African and African Diaspora Studies
Architectural Studies
Art History
Art Studio
Brazilian Studies
Business
Cell and Molecular Biology
Chemistry
Classical Studies
 Greek
 Latin
 Ancient Culture
Computer Science
Cultural Studies
Dance
Earth Science
Ecology and Evolutionary Biology
Economics
Engineering Science
English
Environmental Geoscience
Environmental Studies
Film Studies
French
Geology
German
History
International Development
Italian
Italian Studies
Jewish Studies
Latin American Studies
Mathematics
Music
Pharmacology
Philosophy
Physics
Political Science
Portuguese
Psychology
Religious Studies
Russian
Sociology

Urban Sociology
Spanish
Theatre
Women's Studies

SUPPLEMENTARY PROGRAM CREDITS

Newcomb and Tulane College students may apply toward their degree a maximum of 15 Supplementary Program Credits (SPC). The SPC component comprises courses taken in Tulane's professional schools, University College, ROTC, Exercise and Sport Sciences, Less Commonly Taught Languages (LCTL), and courses taken through the New Orleans Consortium. Courses taken at other colleges or universities through divisions or programs comparable to those listed here for which transfer credit is requested, are subject to the SPC limitation. A maximum of 9 SPC may be taken in courses offered exclusively through University College. Supplementary Program Credits may not be used to satisfy the proficiency or distribution components of the curriculum.

JOINT-DEGREE PROGRAMS

Tulane College and Newcomb College offer a number of joint-degree programs. Like the standard programs, these joint-degree programs provide a liberal education in the arts and sciences; however, they also provide special competency in, or more pre-professional education for, a particular professional field.

Joint-Degree Programs with Architecture or Engineering

Students may pursue concurrently bachelor's degrees in the School of Architecture or in the School of Engineering and in either of the liberal arts and sciences colleges but will be in residence in only one college at a time. To receive degrees from either of the Colleges of Architecture or Engineering, a student must complete 96 credits in courses described in the Liberal Arts and Sciences section of the catalog and fulfill all proficiency, distribution, and major requirements. Courses taken as supplementary program credits may not be included in these 96 credits, and at least 30 credits counting for the major in the colleges must be independent of credits used to satisfy requirements in the other degree program.

To be eligible for these programs, students must obtain approval from their associate dean by the sixth semester of enrollment. Although the senior-year residency requirement is waived for those entering the program, students are required to complete a minimum of two consecutive semesters (30 credits) in residence in Tulane College or Newcomb College. Joint-degree candidates must receive both degrees concurrently, and the degree in liberal arts and sciences will not be awarded until the requirements for the second degree have been met. Students who do not complete a second degree in one of the other schools must meet all requirements for a degree from the liberal arts and sciences colleges.

Joint-Degree Programs in Business, Law, Medicine, and Public Health and Tropical Medicine

Tulane College and Newcomb College allow qualified students who have completed three years of undergraduate work to begin studies in the Tulane Schools of Business, Law, Medicine, or Public Health and Tropical Medicine. A student who completes the junior year in residence in either of the colleges (not on the Junior Year Abroad Program) and then begins study in one of these schools may receive the bachelor of arts, bachelor of science, or bachelor of fine arts degree from the liberal arts and sciences college after satisfactorily completing one year of full-time professional study.

To enter one of these programs, students are required to be accepted by the professional school and to obtain approval from the associate dean by the end of the sixth semester of study. Joint-degree candidates are required to complete 90 credits during three years of study in the liberal arts and sciences colleges before starting work in the professional

school. Because the fourth year of study will consist of supplementary program credits (SPC) completed in the professional school, no SPC may be counted among the 90 credits that must be completed by the end of the third year of undergraduate study. Candidates must meet all proficiency, distribution, and major requirements for their degree programs in the liberal arts and sciences colleges. Students in joint-degree programs must have completed 120 credits by the close of their fourth year of study in order to receive a degree from either of the liberal arts and sciences colleges. Students who fail to do so will be required to attend Tulane Summer School to make up their credit deficiency before beginning their second year in the professional school.

Transfer students must complete two years of undergraduate work at Tulane to be eligible for a joint-degree program. All students must file an application for degree at least two semesters prior to the anticipated date of graduation. Joint-degree candidates for May graduation may have to defer graduation until August if grades from the professional school are not available in time for degree certification in May.

Every course taken during the first year in the Schools of Business, Law, Medicine, or Public Health and Tropical Medicine must be passed, and the student's performance in the first year's work in the professional school must be of sufficient quality for advancement to the second year. A student who fails to meet this requirement may become a candidate for a degree in one of the liberal arts and sciences colleges after satisfactorily completing the second year in the Schools of Business, Law, Medicine, or Public Health and Tropical Medicine.

If a student in a joint-degree program is a candidate for honors, the grade-point average used to determine the eligibility includes the applicable work done in the professional school.

CONCURRENT ENROLLMENT

College credits earned by Tulane students when they were enrolled in high school will be considered for transfer to Tulane only when these credits were earned in courses composed primarily of degree-seeking college students and listed in a college catalog. Courses sponsored by a college or university but taught at high schools by high school teachers in a class composed primarily of high school students will not be considered for Tulane credit even if a college transcript is issued for these courses. In order for transfer credit to be awarded for courses completed by a student prior to matriculation in college, the student must have earned a grade of B- or higher.

PREMEDICAL AND PREPROFESSIONAL HEALTH PROGRAMS

While students are completing the regular baccalaureate curriculum of their choice, they may work concurrently to complete the courses required to enter programs in the health professions, including dentistry, medicine, optometry, osteopathy, podiatry, and veterinary medicine. Preparation for such programs normally includes two semesters each of biology (with laboratory), general chemistry (with laboratory), organic chemistry (with laboratory), and physics (with laboratory). Many schools have additional entrance requirements including mathematics and upper-level science courses. Because of variations in course requirements imposed by these professions, students should request specific information from schools in their fields of interest or from the health professions advisor.

Students interested in one of these professions may pursue a baccalaureate degree in any discipline. However, they should plan a course of study to meet the basic requirements of the professional school in the first three years. Students considering a career in a medically-related field should begin consulting the health professions advisor early in their undergraduate career to discuss available options in their choice of and preparation for a future profession.

CREATIVE PREMEDICAL SCHOLARS PROGRAM

Particularly well-motivated and well-qualified sophomores in either college may apply to the School of Medicine through the Creative Premedical Scholars Program. Successful candidates complete the full four years of the normal baccalaureate program but are guaranteed admission to the School of Medicine upon graduation and enjoy special opportunities for study with its faculty while still undergraduates. Students are expected to follow an academically rigorous program while maintaining a high level of academic performance throughout their college careers. Only sophomores who complete both freshman and sophomore years at Tulane are eligible.

To be considered, students must complete two semesters (with laboratory) for each of the following: biology, general chemistry, organic chemistry, and physics. These courses must be completed at Tulane during the regular academic freshman and sophomore years with a cumulative grade-point average of 3.600 or better. Students with Advanced Placement (AP) credit in Biology should discuss their status with the Health Professions advisor.

PRELAW PROGRAM

There is no standard prelaw curriculum that must be followed to qualify for admission into law school. A well-rounded, liberal arts and sciences education is the best preparation for the study of law, because such an education ensures exposure to a wide variety of ideas and leads to an understanding of the various social, political, economic, and cultural forces that have shaped laws and the societies they govern. Students should develop analytical reasoning and communication skills. Proficiency in writing is essential. Students considering law school are encouraged to begin consulting with the prelaw advisor early in their undergraduate career.

PRELAW ACCEPTANCE PROGRAM

Particularly well-motivated and well-qualified juniors in either college may apply to Tulane Law School through the Prelaw Acceptance Program. Prelaw Acceptance Program candidates complete the full four years of the normal baccalaureate program, but are guaranteed admission to the Law School upon graduation. Students are expected to follow an academically rigorous program while maintaining a high level of academic performance throughout their college careers. Only students who complete all four years of college at Tulane (with the exception of the junior year abroad through Tulane) are eligible. (This program should not be confused with the 3-3 program, in which Tulane students are accepted to the Law School during the junior year and permitted to enroll at the Law School during what would otherwise be the student's senior year, receiving the baccalaureate degree after the first year of law school and the law degree after two additional years of law school.)

To be considered, students must provide a Tulane transcript showing normal progress (at least 30 credits per year) for at least five regular, full-time semesters of Tulane coursework, and evidence of in-depth study in at least one area. Students must present a cumulative grade-point average of at least 3.40 and a score on the Law School Admission Test (LSAT) of at least 161. Applications should be submitted between October 1st of the junior year and February 1st of the senior year. The LSAT may be taken anytime between June after the sophomore year and December of the senior year. The earliest point at which the Law School will offer admission occurs after the fall semester of the junior year.

INTERNSHIPS FOR ACADEMIC CREDIT

Some departments offer internships for academic credit as part of the major. An internship combines a relevant academic component with experiential learning. The academic component may, for example, consist of a term paper, a number of short papers, or discussions of a number of books. Internships ordinarily are open only to those students completing a major in the department that will award the credit. Students participating in internships register for Internship Studies (course numbers 456, 457) within the appropriate department after having made initial arrangements with a professor who will sponsor the internship. Registration is completed in the academic department sponsoring the internship on TUTOR.

A student may not take a salaried position outside the university while earning credit for an internship, except where such an arrangement is required by the cooperating organization for insurance purposes. If a student must take a salaried position for this reason, a letter to this effect from the cooperating organization must be filed with the chair of the sponsoring department prior to the end of the add period.

Only one internship may be completed each semester. Students may earn a maximum of six credits for internships. The sponsoring professor will assign a grade for the internship at the close of the semester after evaluating its academic and experiential aspects. Internships offered through LAS departments are open only to juniors and seniors in good standing.

An alternative internship experience is offered to Newcomb and Tulane College students through the offices of the associate deans of the colleges. This internship was created to accommodate students seeking internships with organizations which require that interns earn credit for their experience. INTR 199 carries one credit, which will apply toward the degree but will not apply toward any proficiency, distribution, major, or minor requirement. Only one credit of INTR 199 may be applied toward the degree. INTR 199 must be taken on a satisfactory/unsatisfactory (S/U) basis and will count as one of the three allowable S/U courses. Students who have completed fewer than 30 credits may not register for this course. Students desiring to register for INTR 199 must receive approval in the associate dean's office before registering for the course.

INDEPENDENT STUDIES

Many departments offer to a limited number of students creative opportunities for independent study under the direction of a faculty member. The work may take the form of directed readings, laboratory or library research, or original composition. Instead of traditional class attendance, the student substitutes conferences, as needed, with the director.

SERVICE LEARNING

Courses that offer a service learning experience are available through various departments. In service learning, the student completes a community service activity that is tied closely to the academic content of the course. Some courses will require a service activity of 20 to 40 hours; others will offer students the option of an extra course credit for completing 40 hours of community service and an extra paper or project. Students complete a reflection component, such as a weekly journal or regular discussions of their community service experiences. Community sites for service learning include city schools, nursing homes, medical facilities, and other service and treatment centers. Students may apply a maximum of two credits of service learning toward their degree. More information can be obtained from the website of the Office of Service Learning at <http://www.tulane.edu/ServLrng/main.html>

BACHELOR OF SCIENCE IN MANAGEMENT

The following requirements are specific to the A. B. Freeman School of Business. The Bachelor of Science in Management is a four-year program that involves two years in Tulane College or in Newcomb College and two years in the A. B. Freeman School of Business. Majors available in the B.S. in Management Program include accounting, finance, general business, information systems, legal studies in business, or marketing. Freeman School students may also petition to earn a double major or minor in the liberal arts and sciences. During the freshman and sophomore years, students in the liberal arts and sciences colleges who are interested in this program should complete a total of 19 academic courses, or a minimum of 62 credits.

The proficiency component includes four credits in an approved first-year writing proficiency course (English 101 or equivalent), 12 credits in one foreign language (through 203 level or equivalent), and six to eight credits in mathematics (111 or 114 and either 115 or 121). The distribution component is composed of three credits in humanities, three credits in fine arts, three credits in Psychology 100, 101 or 102, four credits of a laboratory science course, and twelve credits in social science: two social science electives, Economics 101 and 102 (or 103 and 104). From among the courses meeting the humanities, fine arts and social sciences distribution requirements and the liberal arts electives, one must be chosen from a list of courses in Foundations of Western Culture, and one must be chosen from a list of courses in Non-Western and Latin American Cultures.

During the sophomore year, prospective students for this program also must complete Financial Accounting 203, which is counted by the liberal arts and sciences colleges as supplementary program credit. Students who obtain equivalencies in proficiency courses will be required to substitute courses within the distribution component, according to the requirements for the B.A. and B.S. degrees in the liberal arts and sciences. Prospective business students are strongly discouraged from taking courses on a satisfactory-unsatisfactory basis. University College courses that begin with a "U," Exercise and Sport Sciences courses, Physical Education, and Education courses with the exception of EDUC 200, will not be accepted (as free electives or toward degree requirements) for the Bachelor of Science in Management.

During the sophomore year, preferably by the end of the fall semester, the student must file a BSM Admission Data Form and an Interdivisional Transfer to the BSM program. The Business School will accept students who are in good standing and have a minimum of a 2.00 cumulative grade-point average and a 2.00 Freeman prerequisite grade-point average. Freeman prerequisites are Accounting 203, Mathematics 111 or 114, Mathematics 115 or 121, Economics 101 and 102 (or 103 and 104), Psychology 100, 101 or 102.

GRADUATE WORK

Undergraduates in either of the liberal arts and sciences colleges with a grade-point average of at least 3.33 in their major program may register, normally in the senior year, for up to six credits of 600- or 700-level courses not listed in this catalog, for credit toward a baccalaureate degree. Written recommendation of the course instructor, advisor, chair of the major department, the Dean of the College, and approval of the Dean of the Graduate School are required.

Graduate credit for such work, if passed with B or better on the Graduate School grading scale, may be awarded if the student is admitted to the Graduate School of Tulane. Recommendation from the chair of the graduate department and approval of the Dean of the Graduate School must be obtained by the student.

PROVISIONAL GRADUATE CREDIT

A senior who completes all baccalaureate requirements before the end of the senior year and intends to enter the Graduate School of Tulane may apply for provisional graduate credit in up to, but not more than, 12 credits of both 600- and 700-level courses. These courses must be approved by the graduate department beyond the credits needed for the baccalaureate. Graduate credit for such work, if passed with B or better, will be awarded when the student is admitted to full graduate status in the Graduate School, upon recommendation of the graduate department chair and approval of the dean. These provisions do not apply to transfer of credits to or from other graduate institutions.

The University reserves the right to change any of its rules, courses, regulations, and charges without notice and to make such changes applicable to students already registered as well as to new students. Although all possible aid and direction should be sought from and given by faculty advisors, academic advisors, and deans, each student must accept full responsibility for knowledge of and compliance with the policies of Tulane College and Newcomb College and for the fulfillment of requirements for the course of study selected.

4+1 PROGRAMS

The Graduate School has developed "4+1" programs in which Tulane students can obtain a master's degree within one year of completing the bachelor's degree. Students who pursue this option take courses in the fifth year at a substantially reduced tuition rate. The "4+1" program offers students in the liberal arts and sciences the opportunity to enhance and broaden their undergraduate experience, help them become more competitive for admission

into graduate programs at other universities, and increase their potential in the job market. Fields of study in which these programs are offered include anthropology, applied sociology, art history, classics, earth and environmental sciences, economics, environmental biology, environmental science, English, history, neuroscience, philosophy, political science, psychology, and Spanish and Portuguese.

HONOR CODE

The Honor Code is administered by honor boards and the Student Academic Judiciary Committee, both composed of students and faculty. The honor boards convene to hear cases when a violation of the Honor Code is alleged. The board considers the evidence, determines guilt or innocence, and recommends penalties, ranging from probation to expulsion from the university. An Honor Board conviction becomes part of a student's permanent record.

COURSE LOADS

The normal academic course load for all students is 15-18 credits per semester. The student who completes 15-18 credits each semester can meet degree requirements in four years, graduating with 120 credits. The minimum course load is 12 academic credits per semester. Students must have registered for a minimum of 12 credits by the last day to add classes. Failure to do so will result in cancellation of registration. An exception to this regulation is made for seniors who, in their final semester, need fewer than 12 credits to graduate.

In any given semester, when registration opens for the next semester, students who have at least a 3.500 cumulative grade-point average may register for as many as 21 credits. After the close of a semester, students who have earned a grade-point average of 3.000 or better on 15 credits or more during that semester may register for as many as 21 credits. After the close of a semester, students who have earned a cumulative grade-point average of 3.500 may register for as many as 24 credits.

Students with a course load of fewer than 14 credits should realize that they cannot qualify for Dean's List, they risk falling behind their class level, and there is no reduction in tuition for course loads of 12 or more credits.

CLASS STATUS

Class status is determined by the total number of earned credit hours; credit hours for currently enrolled courses are not included. Credit for coursework taken at another institution is included only after the transfer credit approval process is complete.

Freshman	0–24 Earned Credit Hours
Sophomore	25–56 Earned Credit Hours
Junior	57–86 Earned Credit Hours
Senior	87 or more Earned Credit Hours

CROSS REGISTRATION

Students in Newcomb and Tulane College may register for courses within the Arts and Sciences division of Loyola University, provided that the same course has not been offered at Tulane within the past year. Students must be registered for at least 9 credits of course work at Tulane in the semester of Loyola registration and may not use the Loyola credits to satisfy proficiency requirements. Additional restrictions also apply. Interested students should contact their associate dean's office.

AUDITING COURSES

A student registered for a full-time course load (at least 12 credits) may audit an additional course without credit after completing formal registration and obtaining approval of the instructor for the course. Although credit is not granted for audited courses, such courses are considered part of the student's semester course load and are recorded on the student's permanent record. An audit enrollment that results in an overload is not permitted unless the student is qualified for such an overload. An auditor who is absent excessively will be dropped without record.

CLASS ATTENDANCE

Instructors are not authorized to excuse absences that extend calendar holidays. Only the student's dean may excuse such absences. A student who has excessive absences or ceases to attend a course without an official withdrawal will, at the instructor's request anytime during the semester and with the approval of the associate dean, be withdrawn from the course and receive a grade of WF. The instructor must have sent a notice of excessive absences before requesting that a student receive a WF grade.

GRADES

University-wide information is given on p. xx. The following information pertains specifically to the liberal arts and sciences colleges.

- WF Withdrawn failing; counts in grade-point average as a failing grade and earns no quality points
- S Satisfactory; not counted in grade-point average but counted in earned hours
- U Unsatisfactory; not counted in grade-point average and not counted in earned hours.
- UW Unofficial withdrawal; counts in grade-point average as a failing grade and earns no quality points

Grades of WF are assigned by administrators and are computed in the grade-point average as if they were Fs. With the approval of the student's associate dean, an instructor may have a student who has excessive absences involuntarily dropped from a course with a WF grade after written warning at any time during the semester. In cases where students are suspended or expelled during the semester, W or WF grades may be assigned at the discretion of the instructors and the student's dean. A grade of W or WF also may be assigned for disciplinary penalties in connection with an honor-code or conduct-code violation. A student who ceases to attend a class but has not withdrawn officially will receive a UW. After the last day to drop without record and before the last day to drop a course, students who drop courses voluntarily will have W noted on their transcripts for each course dropped.

SATISFACTORY/UNSATISFACTORY OPTION

Students who have completed 30 credits of college work and are in good standing may elect to take one course on a satisfactory-unsatisfactory (S/U) basis per semester. They may count no more than three such courses toward degree requirements. The S/U option may not be used to satisfy proficiency, writing, laboratory, major, or minor requirements. The last date for designating or revoking the S/U option is the deadline for dropping courses.

A student electing this option gets the academic credit for the course without affecting the grade-point average as long as the work is at the C- level or above. A grade of U is not counted in the grade-point average but carries no credit for the course. Students are cautioned that because a grade of S is not counted in the grade-point average, it will not count for the Dean's List, honors, or toward the 2.000 average required for graduation. Students registering for courses on a non-graded basis in other Tulane colleges or schools must register for the courses under the S/U option.

DEAN'S LIST

The Dean's List is prepared after each semester and recognizes students who have earned a distinguished record in all of their subjects throughout the semester. A 3.500 average is required for freshmen and sophomores and a 3.667 for juniors and seniors. To qualify for the Dean's List, a student must have been enrolled in 14 credits of letter-graded work, excluding courses taken on a satisfactory-unsatisfactory basis.

QUALITY OF WORK REQUIREMENTS

Continuation Requirements

Students who meet the minimum semester requirement of 12 passed credits, maintain at least a 2.000 cumulative grade-point average, and also earn the required number of credits to advance from one semester to the next are considered to be making progress toward the baccalaureate degree. Policies that apply to those students who do not meet these scholastic standards are described below. Students experiencing academic difficulty are advised to give particular attention to the appropriate paragraphs of the explanation of the quality-of-work rules that are summarized in the tables that follow the description.

At the close of the spring semester of the freshman year, students must have earned at least 12 passed credits with a cumulative grade point average of 1.500, if they have been enrolled for one full-time semester, or 24 credits with a cumulative grade-point average of 1.750, if they have been enrolled for two full-time semesters. At the close of the spring semester of the sophomore year, students must have earned at least 36 passed credits with a cumulative grade-point average of 1.830, if they have been enrolled for three full-time semesters, or at least 48 credits with a cumulative grade-point average of 1.900, if they have been enrolled for four full-time semesters. At the close of the spring semester of the junior year, students must have earned at least 60 passed credits, if they have been enrolled for five full-time semesters, or 72 credits, if they have been enrolled for 6 full-time semesters, with a cumulative grade-point average of at least 2.000. At the close of the following spring semester, students must have earned a grade-point average of at least 2.000 and must have earned at least 84 passed credits, if they have been enrolled for seven semesters, or 96 credits, if they have been enrolled for eight semesters. Standards for additional terms are given in the table below.

Students who have not met the continuation requirements at the close of a spring semester will be placed on academic probation. They may correct their academic deficiencies by attending one or more sessions of Tulane Summer School. Students on academic probation who do not enroll in Tulane Summer School or enroll there but do not correct their academic deficiencies will be placed on a probationary leave of absence for the following fall semester. In the spring semester of that academic year, they will be eligible to return to Tulane College or Newcomb College and will be continued on probation. Students on academic probation who have previously been placed on a one-semester probationary leave of absence and who do not correct their academic deficiencies by the close of Tulane Summer School will be dismissed from Tulane College or Newcomb College. Students may register for no more than 18 credits in Tulane Summer School during a single year.

Students who enroll in fewer than 12 credit hours without permission in the fall semester must make up that deficiency in credit hours during the following spring semester. If they do not do so, or if students enroll in fewer than 12 credit hours without permission in the spring semester, they will be placed on academic probation at the close of the spring semester. Normally, only students in the final semester of the senior year may, with the permission of the associate dean's office, enroll in fewer than 12 credit hours for that semester.

The requirements and conditions for meeting the continuation standards will apply to students completing full-time course loads and to those students who are allowed, in exceptional circumstances, to complete a part-time load in any fall or spring semester. Freshmen who, in exceptional circumstances, have had permission for part-time study and have not completed one full-time semester will be required to have a minimum grade-point average of 1.500 at the close of the spring semester.

Those students who have earned transfer, advanced placement, summer school, or any part-time credit at Tulane University should note that for every 12 such credits earned, the GPA requirement for continuation in good standing will be advanced the equivalent of one semester.

**Academic Probation and Continuation Standards
Determined by:**

<i>Full-Time Semesters Completed at Tulane*</i>	<i>Eligibility to Continue in Academic Good Standing in the</i>	<i>Minimum Cumulative Credits Passed at Tulane</i>	<i>Minimum Cumulative GPA at Tulane</i>
1	2nd semester	12	1.500
2	3rd semester	24	1.750
3	4th semester	36	1.830
4	5th semester	48	1.900
5	6th semester	60	2.000
6	7th semester	72	2.000
7	8th semester	84	2.000
8	9th semester	96	2.000
9	10th semester	108	2.000
10	11th semester	120	2.000

**by close of spring semester*

Note: Students are expected to graduate at the end of their eighth semester, having earned the requisite number of credits in the appropriate courses.

PROBATION AND DISMISSAL FROM THE COLLEGE

Students who are placed on academic probation or probationary leave of absence or disciplinary or honor code probation are not in good standing and are ineligible to obtain a letter of good standing, study at another division of Tulane University or another institution and transfer the credit back to Newcomb or Tulane College. Students who have been academically dismissed from the College are not allowed to reenroll in the College. Academic dismissal is noted permanently on the student's transcript.

SUMMER SCHOOL ATTENDANCE

Students may attend Tulane Summer School for the purpose of enriching their academic program or accelerating their graduation. Students on academic probation at the close of spring semester must attend Tulane Summer School if they are to return to academic good standing and be eligible to enroll in the fall semester; however, attendance at Tulane Summer School is no commitment that such students will be permitted to continue in the fall when admissibility is determined from cumulative records, including summer work (see *Quality of Work Requirements* above).

Full credit is given, without special approvals, for Tulane Summer School courses bearing numbers listed in the Liberal Arts and Sciences section of this catalog. Other Tulane Summer School courses may be taken within the 15-credit limit for supplementary program credits. Candidates for a degree may count 12 credits of summer work at Tulane among the 27 credits that must be earned in residence. Students should consult with their academic advisers regarding the proposed Summer School program during the period of registration in the spring. Academic advisers are available throughout the summer in the associate dean's offices.

Newcomb and Tulane College students may register for no more than 18 credits in Tulane Summer School during a single year. Students who earn a GPA of 3.000 on 15–18 credits completed in Tulane Summer School but fail to meet the continuation standards at the close of the summer, may petition the Committee on Academic Requirements (CAR) for continuation of their probationary status in the Fall semester. The final decision on the academic status of these students will be made by CAR.

Students in academic good standing may attend the summer school of any regionally accredited institution. If they wish to be certain their credits at another institution transfer to Tulane, they must obtain prior approval of their choice of institution and proposed summer program no later than the end of the final-examination period in spring semester. Students attending summer school at another institution are required to have an official transcript of their summer record sent to the Registrar's office prior to registration in the fall. Grades earned at other institutions are not computed in the student's grade-point average; therefore, a student cannot make up a grade-point deficiency at Tulane by attendance at another institution. Students may apply up to 6 credits of approved coursework from another institution toward the senior residency requirement

TRANSFER CREDIT

Continuing or returning students in academic good standing are eligible to earn credit in transfer from other regionally accredited 4-year institutions in the United States. To be eligible for transfer credit from study-abroad programs, students must have at least a 2.700 cumulative grade point average at Tulane. Transfer credit is given only for courses approved by the appropriate departments and completed with a minimum grade of C- or its equivalent. Students should obtain prior approval of their choice of institution and proposed program if they wish to be certain their credits will be accepted. Credit for acceptable work is transferred at the value or amount of credit shown on the official transcript from the other college. Grades earned at another institution are not transferred and are not computed in the student's cumulative grade-point average. Credits taken on a P/F or S/U basis do not transfer unless the transcript states that P or S is equivalent to C- or better. Students are required to have an official transcript sent to the Registrar's office prior to their return. To be allowed to return to Tulane College or Newcomb College, students must satisfactorily complete their academic program and leave the other institution in good standing.

REPEATED COURSES

Students may repeat courses in which they have earned an F or WF. If a failed course is a required course, it must be repeated for a passing grade. The initial failure remains on the record and continues to count in the student's cumulative grade-point average. If a course is failed, repeated, and failed again, only the initial failure (F but not WF) is calculated in the grade-point average; however, all subsequent failures remain on the transcript.

A course that is repeated after having been completed with a passing grade will appear again on the student's record. The repeated course is not counted among total credits required for graduation and does not affect the grade-point average.

COMMENCEMENT POLICIES AND PROCEDURES

A student expecting to receive a degree in May must register as a candidate for graduation in the associate dean's office by October 1. A student expecting to receive a degree at any other time should consult the associate dean's office for appropriate information. Commencement ceremonies are held only in May; August and December graduates may, however, participate in ceremonies held the following May. All May graduates are expected to attend commencement unless the awarding of the degree in absentia has been approved by the associate dean.

GRADUATION WITH UNIVERSITY HONORS

To be eligible for university honors, a student must have completed a minimum of 60 credits (75 credits for dual degree candidates) while enrolled at Tulane University; this may include enrollment in Tulane's Junior Year Abroad and semester-abroad programs and Washington Semester. Only Tulane credits are computed in the cumulative grade-point average for honors candidates. A student completing two degrees may be awarded university honors for both degrees. Eligibility for honors for each degree will be determined by grades earned in all course work counting toward the respective degree.

A student who at the time of graduation has achieved a cumulative grade-point average of at least 3.400 is awarded the degree cum laude.

A student who at the time of graduation has achieved a cumulative grade-point average of at least 3.600, has completed the Honors Program, and has fulfilled the requirements for departmental honors is awarded the degree magna cum laude.

A student who at the time of graduation has achieved a cumulative grade-point average of at least 3.800, has completed the Honors Program, and has fulfilled the requirements for departmental honors is awarded the degree summa cum laude.

GRADUATION WITH DEPARTMENTAL HONORS

To be eligible for departmental honors, a student must earn in courses taken at Tulane a cumulative grade-point average of at least 3.400 and a grade-point average of at least 3.500 in courses counting toward the major, must complete an honors thesis or project, and must fulfill all of the department's other requirements for honors.

During spring of the junior year, a student who expects to graduate with departmental honors should consult with the department chair or honors advisor and should verify eligibility with an academic advisor in the dean's office. Students select a thesis director and register for Honors Thesis at the beginning of the first semester of their senior year. By mid-semester, the student must submit a prospectus that has been approved and signed by the thesis director and a second reader. A first progress report, approved and signed by the thesis director and the second reader at the end of the first semester, indicates whether the thesis is to be continued or terminated. A second progress report is due in the middle of the second semester and a complete draft of the thesis is due a month before the projected date of graduation. Two weeks before graduation the thesis must be completed; the oral examination is held after all other requirements have been met. Students expecting to graduate in December should meet with their department chair or honors advisor one year prior to graduation to determine eligibility for departmental honors.

AWARDS SHARED BY TULANE COLLEGE AND NEWCOMB COLLEGE

The American Chemical Society Prizes were established in 1930 by the Louisiana section of the American Chemical Society and are awarded for excellence in chemistry.

The American Institute of Chemists Award is given for excellence in chemistry.

The Ann Royal Arthur Memorial Award in German was established in 1987 in memory of Professor Ann Arthur of the Department of Germanic and Slavic Languages. It is awarded to a student who has demonstrated a commitment to the study of German.

The Stuart S. Bamforth Prize for Excellence in Environmental Studies.

The Sidney Beyer Prize for Excellence in American History was established in 1976 by Joel Beyer in memory of his father and is awarded to a superior student of American History.

The Purvis E. Boyette Memorial Freshman Essay Award was established in 1988 in memory of Professor Purvis E. Boyette of the Department of English.

The Brazilian-American Cultural Institute Award for Excellence in Portuguese is given by the Portuguese government, on recommendation of the faculty, to a student who has excelled in the study of Portuguese.

The Glendy Burke Medals were established in 1848 (oratory) and 1879 (mathematics) by Glendy Burke. They are awarded for excellence in the fields of speech and mathematics.

The Fred R. Cagle Memorial Prize was established in 1981 in memory of the former chairman of the Department of Zoology. It is awarded for excellence in biology.

The Chairman's Award is given to a graduating senior who is outstanding in geology or earth science.

The Class of 1914 Prize in Art was established in 1918 by the Art Class of 1914 and is awarded for the best portfolio of drawings of animals.

The Department of Classical Studies Prize in Ancient Religion.

The Classical Studies Prize awarded for excellence in Latin, Greek, or the study of ancient history, culture or archeology.

The Premio Clavileno is awarded for excellence in Spanish.

The Alice Raymond Scudder Coates Scholarship in Art is awarded to either a Tulane College or Newcomb College student in any area of concentration in art.

The Rusty Collier Memorial Award in Studio Art is awarded to an art major.

The Charles Till Davis Prize for Excellence in European History.

The Charles E. Dunbar, Jr. Fellowships in Political Science are awarded each year to two political science majors who have demonstrated academic excellence and an interest in public affairs.

The Marjorie Clark Ferguson Memorial Award in Painting.

The France-Amerique Award is given for exceptional achievement in the study of the French language.

The French Government Prize is given by the French government, on recommendation of the faculty, to a student who has excelled in the study of French.

The Arnold Gerall Award in Neuroscience.

The German Government Prize is given by the German government, on recommendation of the faculty, for excellence in German.

The Juanita Gonzalez Prize in Ceramics is awarded to the outstanding undergraduate ceramist in the Department of Art.

The Bodo Gotzkowsky Award for Research and Travel in Germany.

The Shirley Weil Greengus Memorial Award for Achievement in Political Science is awarded to the senior majoring in political science who has the highest scholastic average in the major.

The Ruth G. Hanaw Prize in Drawing is awarded to a freshman art student who shows outstanding ability in drawing.

The Henry Award recognizes outstanding achievement in the study of French.

The José Hernandez Award in Spanish-American Literature, established in 1985, is awarded to a graduating senior for excellence in Hispanic studies. The student must have excelled in at least one advanced course in Spanish-American literature.

The Anne Butler Hess Award, established in 1964 by Mrs. Robert D. Hess in memory of her daughter, is awarded to the graduating senior who has shown the greatest proficiency in philosophy.

The Italian Government Prize is given by the Italian government, on recommendation of the faculty, to a student who has excelled in the study of Italian.

The Japan-Tulane Friendship Award was established in 1987 by Jack Aron and Japan Air Lines for the best dissertation, thesis, or research paper on Japanese affairs.

The T. Krumpelmann Award for Achievement in German.

The Ephraim Lisitzky Memorial Award, established in 1989, is granted to a student of exceptional achievement in the study of Hebrew language and Jewish history, culture, and religion.

The Merck Index Awards are awarded for excellence in Chemistry.

The Dan W. Mullin Memorial Award, established in 1970 by Mr. Albert Salzer, is awarded for excellence in technical theater production.

The Charles H. Murphy Prize in Political Economy was established by the Murphy Institute to recognize an outstanding student majoring in political economy.

The Mary L. S. Neill Prize is awarded for excellence in watercolor painting by a student in the Department of Art on recommendation of the faculty.

The New Orleans Geological Society Memorial Foundation Scholarships are awarded annually to the outstanding freshman, sophomore, junior, and senior geology or earth science majors, upon recommendation of the faculty of the Department of Geology.

The Ashton Phelps Award in Communication Studies is given on recommendation of the faculty for excellence in communication studies.

The Pi Sigma Alpha Award, established in 1963 by the Tulane chapter of Pi Sigma Alpha, is awarded annually to the senior who has done most to stimulate scholarship and intelligent interest in the subject of government.

The Isoline Rodd and John Smith Kendall Award was established by Mr. Lance C. Kendall and Mrs. Elizabeth Kendall Thompson in memory of Professor John Smith Kendall, an alumnus of Tulane University and a member of the faculty for 26 years, and his wife, Isoline Rodd Kendall, a graduate of Newcomb College. It is awarded to a student of the Tulane College or Newcomb College who has excelled both academically and in extracurricular accomplishments.

The ROTC Awards encompass many prizes and honors, including the President's Cup, for ROTC work.

The Russian Book Prize is presented by the Department of Germanic and Slavic Languages for excellence in Russian.

The Sigma Gamma Epsilon Prize, established in memory of W. A. Tarr by the national geology honor society, is awarded for scholarship and service in the Department of Geology.

The R. A. Steinmayer Award was established in 1957 by the Tulane geological alumni in honor of R. A. Steinmayer, emeritus professor of geology, for the outstanding graduating student in geology.

The Henry Stern Prize in Art History is awarded to the student who produces the best paper in the field of art history.

The S. Walter Stern 1905 Memorial Medal was established in 1945 with a bequest from Mr. S. Walter Stern, former member of the Tulane Board of Administrators and member of the Class of 1905. It is awarded for the best essay on an aspect of U.S. government. The Henry Clay Stier Award in English, established in 1959 by the relatives and friends of Henry Clay Stier, is awarded to the senior in the Department of English who has the highest four-year average.

The George H. Terriberry Classical Prize, established in 1924 by Mr. George H. Terriberry, is awarded to the outstanding senior in the Department of Classical Languages.

The Tri Beta/Erik G. Ellgaard Memorial Award for the outstanding thesis in Cell and Molecular Biology.

The Judah Touro Medal, established in 1856, is awarded for excellence in ancient history, Greek, Hebrew, or Latin.

The Harold E. Vokes Award was established in 1992 by the faculty of the Department of Geology in honor of Harold E. Vokes, professor emeritus of geology, for the outstanding graduating senior in geology.