

REQUIREMENTS FOR DEGREES

The College of William and Mary confers in course the following degrees, each under the jurisdiction of the Faculty or School indicated:

Faculty of Arts and Sciences: Bachelor of Arts (B.A.), Bachelor of Science (B.S.), Master of Arts (M.A.), Master of Public Policy (M.P.P.), Master of Science (M.S.), Doctor of Philosophy (Ph. D.) and Doctor of Psychology (Psy.D.).

The M.A. is offered in American Studies, Anthropology, Biology, Chemistry, History, and Psychology. The M.S. is offered in Applied Science, Biology, Chemistry, Computer Science, and Physics. The Ph.D. is offered in American Studies, Anthropology, Applied Science, Computer Science, History, and Physics.

School of Business Administration: Bachelor of Business Administration (B.B.A.), Master of Business Administration (M.B.A.) and Master of Accounting (M.A.C.).

School of Education: Master of Arts in Education (M.A.), Master of Education (M.Ed.) Doctor of Education (Ed.D.) and Doctor of Philosophy (Ph.D.).

School of Law: Juris Doctor (J.D.) and Master of Laws in Taxation (LL.M.).

School of Marine Science: Master of Arts (M.A.) and Doctor of Philosophy (Ph. D.).

Additional requirements specific to the Bachelor of Business Administration degree are found in the section entitled "School of Business Administration" in this catalog. The requirements for graduate degrees are stated in the Graduate Catalog of the Faculty of Arts and Sciences or the catalogs of the individual Schools.

The undergraduate degrees of Bachelor of Arts and Bachelor of Science are liberal arts degrees. A liberal education, although it has no single fixed definition, is more than a haphazard accumulation of courses. Its essential purpose is to liberate and broaden the mind, to produce men and women with vision and perspective as well as specific practical skills and knowledge.

The major foundations on which a liberal education must be built are well recognized. For these reasons, the College requires all of its undergraduates to plan, with the help of faculty advisors and within the framework of broad general degree requirements, programs of liberal education suited to their particular needs and interests.

The general degree requirements set forth below are designed to permit a high degree of flexibility for each student in planning an individualized program of liberal education within broad basic limits. In this planning, the student and advisor should build upon the student's previous preparation. First-year students should pursue, at the highest level preparation allows, at least one study in which they have interest and competence. As early as possible such students should explore

some studies with which they are unfamiliar in order to open up new interests and opportunities.

Students should take care to lay the foundations for future specialization, in college or beyond in graduate or professional school, by anticipating specific prerequisites. A liberal education presupposes certain proficiencies. Foremost among these is the ability to express oneself clearly both in speech and writing, for clear expression goes hand in hand with clear thinking. Another invaluable foundation of a liberal education is some experience with a foreign language, at least to the point where a student begins to see the cultural as well as practical values of foreign language study. Because students entering college differ widely in their previous preparation in these respects, the proficiency requirements of the College establish only basic minimums; but such students are encouraged to proceed beyond these minimums to whatever extent their interests and abilities suggest.

The Freshman Seminar requirement provides first-year students with a substantive seminar experience that is reading, writing and discussion-intensive. The goal of freshman seminars is to initiate students into the culture of critical thinking and independent inquiry that is at the core of the undergraduate program.

The College has identified seven General Education Requirements (GERs) that each student must satisfy before graduation. GERs are each defined by a specific domain of knowledge, skill or experience that the faculty considers crucial to a liberal education. Students have a wide range of courses from which to choose to meet each of the GERs: for example, approved courses for GER 7, "Philosophical, Religious and Social Thought," are offered by at least five different departments. When combined with the thoroughness and focus brought by the student's major and the freedom of exploration brought by the elective component of the student's curriculum, the GERs help to develop the breadth of integrated knowledge that characterizes the liberally educated person.

Finally, in the area of the chosen major, every student is required to pursue in depth the exploration of a specific academic discipline or two or more related ones through an interdisciplinary major. Here the student has the fullest possible opportunities for both independent study and work in a Major Honors program, as well as for regular course work.

The Faculty of Arts and Sciences of the College determines the degree requirements for the B.A. and B.S. degrees, including the determination of the regulations governing academic standards, grading and class attendance. Obligation to its educational mission gives to the College the right and responsibility, subject to the employment of fair procedures, to suspend, dismiss or deny continuance of a student whose academic achievement does not meet established College standards.

Requirements for degrees are stated in terms of credit hours that are based upon the satisfactory completion of courses of instruction. Usually one credit hour is given for each class hour a week through a semester. A minimum of two hours of laboratory work a week throughout a semester will be required for a credit hour. A continuous course covers a field of closely related material and may not be entered at the beginning of the second semester without approval of the instructor.

Advanced Placement and Credit by Examination

College Board Advanced Placement

Entering students interested in receiving academic credit and/or advanced placement for college level work undertaken before entering William and Mary should take the College Board Advanced Placement Examination. These examinations are graded by the College Entrance Examination Board on a 5 point scale.

The policies in each department governing credit and/or advanced placement for scores on AP examinations vary according to how the material covered by examinations fits the curriculum of the department. Members of the William and Mary faculty are actively engaged with the College Board in the development and grading of AP examinations.

In most departments, academic credit and/or advanced placement is routinely awarded based on the test score. In some cases, the Advanced Placement Examinations are reviewed by faculty in the appropriate departments at William and Mary to determine whether advanced placement and/or academic credit is warranted, using the content of the College's introductory courses as a guide.

Credit received through the Advanced Placement program may be applied toward degree requirements, including proficiency, General Education Requirements, minor and major requirements. However, exemptions from courses may not be applied toward General Education Requirements. Only awarded credit may apply toward these.

The College of William and Mary grants credit or course exemptions in the following areas for Advanced Placement Examinations:

Advanced Placement Exam	Score Credit Granted	Course and (No Credit Granted)	Course Exemption
APIEL (International English Language)	4 or 5	Departmental Review	Departmental Review
Art History	5	Art History 251 (3) Art History 252 (3)	
Art Studio Drawing	5	Portfolio Review for Art 211 or 212 (3) Portfolio Review Portfolio Review	
Art Studio: Art 2-D Design Art Studio: Art 3-D Design			
Biology	5	Biology Elective (4)	Biology 203,204
<i>If a student with an AP Biology score of 5 elects not to take Biology 203/204, Biology Elective may count as 4 credits toward the Biology major or minor and will count toward the GER 2B and GER 2 lab requirements. If the student takes Biology 203/204, Biology Elective counts as 4 credits towards general graduation requirements.</i>			
Chemistry	5	Chemistry 103 (3) Chemistry 151 (1) Chemistry 308 (3) Chemistry 354 (1)	
Chemistry	4	Chemistry 103 (3) Chemistry 151 (1)	
Computer Science A Computer Science AB	4 or 5 3, 4, or 5	Computer Science 141 (4) Computer Science 141 (4)	
Microeconomics	4 or 5	Economics 101 (3)	
Macroeconomics	4 or 5	Economics 102 (3)	
English Literature and Composition	4 or 5	English 210 (3)	Writing 101
English Language and Composition	4 or 5		Writing 101
Environmental Science	5	Environmental Studies 101 (4)	
Environmental Science	4		Environmental Studies 101

REQUIREMENTS FOR DEGREES • 51

Advanced Placement Exam	Score	Course and Credit Granted	Course Exemption (No Credit Granted)
Comparative Government and Politics	4 or 5	Government 203 (3)	
U.S. Government and Politics	4 or 5	Government 201 (3)	
Human Geography	4 or 5	Government 381 (3)	
European History	5	History 111 (3) History 112 (3)	
European History	4		History 111 and 112
American History	5	History 121 (3) History 122 (3)	
American History	4		History 121 and 122
World History	5	History 192 (3)	
World History	4		History 192
Latin Literature	5	Latin 202 (3)	
Latin Literature	4	Latin 201 (3)	
Latin Vergil	5	Latin 202 (3)	
Latin Vergil <i>SAT II Latin Subject Test of 650 or higher will also receive 3 credits for Latin 202.</i>	4	Latin 201 (3)	
Latin Literature and Vergil Combined	5 in both or 4 and 5	Latin 201 (3) Latin 202 (3)	
Latin Literature and Vergil Combined <i>SAT II Latin Subject Test of 650 or higher will also receive 3 credits for Latin 202.</i>	4 on both	Latin 201 (3)	
Calculus AB Calculus AB subscore – no credit or exemption	4 or 5	Math 111 (4)	
Calculus BC	4 or 5	Math 111 (4) Math 112 (4)	
Calculus BC	3	Math 111 (4)	
French Language or French Literature	5	French 206 (3) French 210 (3)	
French Language	4	French 206 (3)	
French Literature	4	French 210 (3)	

52 • REQUIREMENTS FOR DEGREES

Advanced Placement Exam	Score	Course and Credit Granted	Course Exemption (No Credit Granted)
French Language or French Literature	3	French 202 (4)	
German Language or German Literature	5	German 210 (3) German 210 (3)	
German Language or German Literature	4	German 210 (3)	
German Language or German Literature	3	German 202 (3)	
Spanish Language	5	Hispanic Studies 206 (3) Hispanic Studies 207 (3)	
Spanish Language	4	Hispanic Studies 206 (3)	
Spanish Literature	5	Hispanic Studies 207 (3) Hispanic Studies 208 (3)	
Spanish Literature	4	Hispanic Studies 208 (3)	
Spanish Language or Spanish Literature	3	Hispanic Studies 202 (3)	
Music Theory <i>Music Aural & Nonaural subscore – no credit or exemption</i>	4 or 5	Music Elective (4)	
Physics B	5	Physics 107 (4) Physics 108 (4)	
Physics CM	5	Physics 101 (4)	
Physics CEM	5	Physics 102 (4)	
Psychology	5	Psychology 201 (3) Psychology 202 (3)	
Psychology	4		Psychology 201 Psychology 202
Statistics	4 or 5	Math 106 (3)	Business 231
International Baccalaureate Higher Level Exam	Score	Course and Credit Granted	Course Exemption (No Credit Granted)
Art/Design	6 or 7	Departmental Review	Departmental Review
Biology	5, 6 or 7	Biology Elective (4)	Biology 203, 204
Classical Studies	5, 6 or 7	Departmental Review	Departmental Review
Chemistry	6 or 7	Chemistry 103 (3) Chemistry 151 (1) Chemistry 308 (3) Chemistry 354 (1)	
Chemistry	5	Chemistry 103 (3) Chemistry 151 (1)	

International Baccalaureate Higher Level Exam	Score	Course and Credit Granted	Course Exemption (No Credit Granted)I
Economics	5, 6 or 7	Economics 101 (3) Economics 102 (3)	
English	6 or 7	English 210 (3)	Writing 101
English	5		Writing 101
World History	6 or 7	History 192 (3) History elective (3)	
History Americas	6 or 7	History 192 (3) History elective (3)	
History Europe	6 or 7	History 112 (3) History elective (3)	
Mathematics	6 or 7	Math 111 (4) Math 112 (4)	
Mathematics	5	Math 111 (4)	
Music	6 or 7	Departmental Review	
French	6 or 7	French 206 (3) French 210 (3)	
French	5	French 206 (3)	
French	4	Language requirement fulfilled	
German	6 or 7	German 210 (3) German 210 (3)	
German	5	German 210 (3)	
German	4	Language requirement fulfilled	
Spanish	6 or 7	Hispanic Studies 206 (3) Hispanic Studies 207 (3)	
Spanish	5	Hispanic Studies 206 (3)	
Spanish	4	Language requirement fulfilled	
Human Geography	6 or 7	Government 381 (3)	
Philosophy	5, 6 or 7	Departmental Review	Departmental Review
Physics	6 or 7	Physics 107 (4) Physics 108 (4)	
Psychology	6 or 7	Psychology 201 (3) Psychology 202 (3)	
Psychology Psychology 202	5		Psychology 201

Credit by Examination

Students at the College may request academic credit for courses by examination. Interested students should petition the Committee on Degrees for permission to take an examination for credit. If the petition is granted, the department at the College in which the course is normally offered sets an appropriate examination and certifies the results to the registrar. Students may not receive credit by examination after registration for their final semester, when they are enrolled in the course at the time of the request, when upper level course work in the same subject has already begun, or when the same course has previously been failed. William and Mary does not participate in the College Board CLEP program or in the Subject Standardized Test of the United States Armed Forces Institute.

Request to Revoke Credits Earned Before Matriculation

The Committee on Degrees will allow students to revoke college credits in mathematics and the sciences earned in high school (including AP, IB, and dual enrollment) or a previous college, if the department believes that the preparation received was inadequate to succeed in subsequent course work. No petitions will be considered without departmental approval.

Transfer Credit

General Rules for Transfer Credit

1. A grade of “C” (2.0) or higher is required (“C-“ is not acceptable).
2. The course generally must have been taken at a regionally-accredited institution. Consult the Registrar’s Office regarding exceptions.
3. Transfer credits from institutions on the quarter system or other systems will be translated into semester credits.
4. “Equivalent” course credit is granted when the course is similar to a course presently offered for academic credit at the College. “Equivalent” transfer credits may satisfy proficiency, minor, major, and general education requirements only when they are earned pre-matriculation, or with the express pre-approval of the Committee on Degrees. One exception is that modern language courses at the 101, 102 and 201 levels may count toward satisfying the language proficiency requirement even though taken at another domestic institution. This exception applies solely to these three language course levels.
5. “Elective” course credit is granted when the course is not similar to an existing William and Mary course, but is recommended for credit by an existing academic program or department at the College. Courses granted elective transfer credit will count toward the total number of academic credits required for the baccalaureate degree, but they may not be used to meet proficiency, minor, or major requirements unless approval has been granted by the College’s Committee on Degrees.
6. Transfer credit will not be granted for courses that belong in one or more of the following categories:
 - a. Correspondence courses
 - b. Courses in professional, vocational, or sectarian religious study
 - c. Courses below the level of introductory courses at the College
 - d. Modern language courses that repeat the level of courses previously taken in high school or at other colleges, except if you have completed up to level III, you may receive credit for 201

- e. More than one freshman composition course
 - f. College orientation courses
 - g. Courses taken in Armed Forces service schools or training programs, unless comparability with William and Mary courses can be demonstrated (DOD language institute courses, for example, may be eligible for transfer credit)
 - h. Courses taken while a student is not in good academic standing.
7. Transfer grades do not affect degree requirements, grade point average, or class rank.
 8. While there is no limit to the number of credits that may be transferred, William and Mary requires that at least 60 credit hours, including the last two full-time semesters and a minimum of 15 credits in the major, be earned in residence at the College.
 9. Courses must be at least four weeks long and must meet at least 12.5 hours per credit hour to be transferred back to William and Mary. Courses lasting six weeks or longer must meet for at least 32.5 hours for a three-credit course. Other courses will not receive permission from the Committee on Degrees unless the nature of the course and the special educational value of the course to the student’s program are demonstrated.

Transfer Credit for Newly-Admitted Students

The Office of the University Registrar is responsible for evaluating domestic transfer credit for newly admitted transfer students. Evaluation of transfer credit begins after a student has been selected for admission and has indicated an intention to enroll. Students should not assume that credit will be granted for all courses completed at their transfer institution.

Transfer of Credits from Virginia Community Colleges and Richard Bland College: Students transferring with an Associate of Arts, Associate of Sciences, or Associate of Arts and Sciences degree in a baccalaureate-oriented program from the Virginia Community College System or Richard Bland College are granted junior status (defined as at least 54 credits). An associate’s degree in General Studies is not considered a baccalaureate-oriented program, unless approved as such by the State Council on Higher Education for Virginia. For a list of approved programs, contact the Office of Undergraduate Admission. These students are considered to have completed lower-division general education requirements but still are expected to fulfill the College’s foreign language proficiency and lower division writing requirement, GER 4B (History and Culture outside the European Tradition), GER 6 (Creative and Performing Arts), and GER 7 (Philosophical, Religious and Social Thought), and all major requirements. The Guide for Transfer Students from Virginia Community Colleges provides additional information and is located on the University Registrar’s Office’s website. Performance information concerning these transfer students will be shared confidentially with the two-year colleges from which they transfer.

Transfer of Credit from Foreign Institutions: Students entering William and Mary from accredited foreign universities or 13-year secondary school programs may be eligible to receive academic transfer credit, if approval is received both from the American Association for Collegiate Registrars and Admissions Officers (AACRAO) and by the Office of Academic Advising. Courses must also be a good match to the William and Mary curriculum to transfer. At the time of application for admission, students with such credit should send to AACRAO an application (a link to this is found on the Admission Office website), along with the requested fee

and academic credentials. Students should send a translated syllabus of every course to the W&M Office of Academic Advising by June 1. If a student's credentials have already been evaluated by another agency (WES, GLOBAL, etc.), W&M will accept it in lieu of the AACRAO evaluation. No credit will be granted for 12-year secondary school programs or courses from unaccredited universities.

Studying Away from the College after Matriculation

Once a student matriculates at the College of William and Mary, transfer credit for work taken elsewhere (post-William and Mary matriculation) is only granted with pre-approval and under very special circumstances. Students must be in good standing at William and Mary, both academically and judicially, in order to request or receive approval of transfer credit. Courses taken elsewhere post-matriculation at William and Mary may not be used to satisfy major, minor, proficiency, or GER requirements without specific pre-authorization from the Committee on Degrees.

Study Abroad: William and Mary students who wish to study abroad must register with the Global Education Office in the Reves Center for International Studies. Special circumstances apply:

1. Pre-approval of transfer credits by the academic departments is required for all study abroad programs except the William and Mary "faculty-led" or "faculty-assisted" programs. The transfer credit pre-approval process should be completed before the student's participation in the program abroad; find the form on the Reves Center's website.
2. While abroad, students must enroll in at least 12 credits per semester (full-time status is required). A maximum of 18 credit hours per semester may be earned.
3. For non-William and Mary "faculty-led" or "faculty-assisted" programs, an official transcript must be sent to the University Registrar's Office immediately upon completion of the degree. Transfer credits are only granted upon receipt of the official transcript, and for classes in which a "C" grade or higher is earned.
4. For pre-approved Study Abroad credit only, earned credits may count towards a major, minor, or elective.
5. Students cannot satisfy GERs abroad except on William and Mary "faculty-led" or "faculty-assisted" programs where the course is designated as a GER in this catalog. Students may petition the Committee on Degrees upon their return to have courses taken abroad considered for the fulfillment of GER 4 or 5. To be approved, the course must meet the criteria of the GER, must deal substantially with the country or region where the student studied, and must come with departmental post-approval.
6. Grades are not posted on the William and Mary transcript, nor calculated into a student's GPA, unless the courses were taken on a William and Mary "faculty-led" or "faculty-assisted" program.

Domestic Study Away: William and Mary students who wish to enroll full-time in a specific academic experience (e.g., "New York City Term") offered by another U.S. institution may request certification as "Domestic Study Away." In this status, the student remains an active William and Mary student and may be able to use financial aid for tuition if a "consortium agreement" can be created (consult the Financial Aid Office for information). The approval process must be completed by the last day of classes for the term before the Domestic Study Away. See the Registrar's Office website for the form and instructions.

Take Courses Elsewhere-Summer: During the summer, students may take courses at another institution while between academic terms at William and Mary. Before enrolling at the other institution, the student must complete the "Permission to Take Courses Elsewhere – Summer Session" form on the Registrar's Office website. It must be approved and submitted prior to the last day of spring classes. A maximum of 16 credits may be transferred for work taken during one summer.

Take Courses Elsewhere-Fall/Spring: During the regular academic term (Fall, Spring), students are expected to enroll full-time (unless otherwise approved) at William and Mary with a minimum of 12 credits. If personal circumstances or opportunities require the student to leave Williamsburg, but the student wishes to take courses while away, the student must first withdraw from the college through the Dean of Students Office, and then complete the "Permission to Take Courses Elsewhere – Fall/Spring Semester" form. In addition to completing the form, students seeking major, minor, proficiency, or GER credit must petition the Committee on Degrees, and students seeking internship credit must petition the Dean of Undergraduate Studies. Links to both of these can be found on the Registrar's Office's website. The student must be readmitted to the college by the Dean of Students Office before transfer credit is posted to the record.

Requirements for the Baccalaureate Degree

I. General Requirements

One hundred and twenty credit hours are required for graduation. Students must earn a minimum grade point average of 2.0 for all courses at William and Mary for which they receive grades of A, B, C, D or F. Students also must earn a minimum grade point average of 2.0 for all courses in their fields of major.

Students must fulfill the general degree requirements in effect at the time of their matriculation at the College and the major requirements set forth in the catalog when the major is declared. Students who fail to graduate within six calendar years of the date of entrance to the College relinquish the right to graduate under the requirements set forth in the catalog at the time of entrance and major declaration, and must fulfill the requirements set forth in the catalog under which they re-enter the College as a degree candidate for the final time prior to graduation. If a student has not been enrolled at the College for five calendar years or more since the end of the last semester of registration at William and Mary, the student's record is subject to re-evaluation under regulations available in the Office of the Dean of Undergraduate Studies. Once a student's degree has been conferred, the academic record is closed and it cannot be changed or amended.

Credit Hour Residency Requirement

No degree will be granted by the College until the applicant has completed a minimum of 60 credit hours in residence at the College. This period must include the last two full-time semesters in which credits counted toward the degree are earned. A minimum of 15 credit hours in the major must be taken in residence at the College.

Ten Semester Rule

A student must complete degree requirements within 10 semesters. A fall or spring semester during which a student attempts 12 or more academic credits counts as one semester under the 10 semester rule. The number of credits attempted through summer session (at W&M or elsewhere), transfer

56 • REQUIREMENTS FOR DEGREES

credits earned since graduation from high school, and approved underloads are added together and divided by 15, the normal course load during a regular semester. For example, six hours attempted during Summer Session count as 6/15 of a semester. Credits earned through grades of "W", "I", and "G" are included in this calculation. AP, IB, and dual enrollment credits, as well as courses for which a student received an approved medical withdrawal, do not apply toward the 10 semester rule. As long as 10 full semesters have not been completed, a student may take a regular academic load (as well as an approved overload) in fall or spring or up to 16 credits in summer session.

Forty-Eight Hour Rule

Of the 120 credit hours required for graduation for a B.A. or B.S. degree with an Arts and Sciences major, no more than 48 credit hours may be applied in a single subject field. Although students may earn more than 48 credit hours in a single subject, a minimum of 72 credit hours must also be earned in other subject fields. For example, if a student has 55 credit hours in English, then she or he will have to earn a total of 127 credits to graduate.

[Exceptions to the 48 hour rule occur in East Asian Studies (consult the Catalog section, "Global Studies"); for students declaring a major in Art, not Art History (consult the Catalog section, "Department of Art and Art History"); for students pursuing a Bachelor of Business Administration, at least 60 credit hours must come from Arts and Sciences academic subjects (consult the Catalog section, "School of Business Administration"); for students pursuing a secondary curriculum in Education, no more than 35 credits in Elementary Education or 30 credits in Secondary Education may be applied toward the 120 credits required for a degree (one exception to this rule can be found under the School of Education Study Abroad Program).]

Credit Hour Limitations in Dance, Applied Music, Military Science, Physical Activities, and Statistics

Dance

Although students may take as many credits as they wish of dance technique and Performance Ensemble (Dance 111, 112, 115, 211, 212, 213, 214, 261, 262, 264, 311, 312, 321, 322, 411, 412), a maximum of 14 credits may be applied toward the 120 credits required for a degree for those not minoring in Dance. For students minoring in Dance, a maximum of 16 credits of these courses may count toward the 120 credits. This limit does not include other Dance Program courses, such as dance history, freshman seminars, composition, practicum, independent projects, or Alexander Technique.

Applied Music

While students may take as many credits as they wish of applied music lessons and ensemble, a maximum of 14 credits may be applied toward the 120 credits required for a degree for those not majoring in Music.

Military Science

Students may not apply more than eight Military Science credits toward the 120 credits needed for graduation.

Physical Activity

Students may not apply more than four Kinesiology activity credits toward the 120 credits needed for graduation. Kinesiology majors are eligible to utilize a maximum of six activity credits toward graduation.

Statistics

Several departments offer introductory statistics courses: The School of Business Administration (BUAD 231), the departments of Economics (ECON 307), Kinesiology (KINE 394), Mathematics (MATH 106 and 351), Psychology (PSYC 301), and Sociology (SOCL 353). No more than two of these introductory statistics courses may be counted toward the 120 hour degree requirement.

Notice of Candidacy For Graduation

Students who intend to graduate from the College must submit a Notice of Candidacy form to the Office of the University Registrar one calendar year prior to graduation. (For example, students who plan to graduate in May 2010 should file no later than May 2009.) Forms are located on the Registrar's web site at www.wm.edu/registrar/.

Requests for Exemption

Students requesting exemption from any of the requirements for the degrees of B.A. and B.S. must petition the Committee on Degrees. Students who wish to initiate a petition should contact the Office of the Dean of Undergraduate Studies, Faculty of Arts and Sciences. Petition forms are available on the website of the Dean of Undergraduate Studies at <http://www.wm.edu/fas/studentdocs.php>.

II. Course Specific Requirements

A. Foreign Language Proficiency

Students are required to demonstrate proficiency in a foreign language commensurate with the 202 level at William and Mary. Completion of the foreign language requirement is accomplished in several ways;

- a) completion of Level IV in high school of an ancient or modern foreign language;
- b) a score of at least 600 on the College Board SAT II achievement test in a modern foreign language or 650 on the test in Latin;
- c) completion of a college language course taught in the original language at or above the 202 level.

In order to demonstrate proficiency in a modern foreign language not currently offered at William and Mary, students may petition to the Chair of Modern Languages. Petition forms may be obtained from the secretary of Modern Languages.

Unless students have completed the fourth year level in high school of a single ancient or modern foreign language, or demonstrate proficiency by achieving scores of 600 on the College Board SAT II Subject Test in French, German, Russian or Spanish, or scores of 650 on the Test in Latin, they must satisfactorily complete a fourth semester course (or above) and all necessary prerequisites in a language in college. The fourth semester course, as well as prerequisite courses taken since matriculation at the College, may not be taken on a pass/fail basis. The student may fulfill the foreign language proficiency through study abroad if 1) prior approval for the course has been obtained from the Department of Modern Languages and Literatures, and 2) the course is taken in a country where the language is the official language. The following additional placement rules apply to modern languages:

Placement in modern languages by years of high school study:

1. If you have completed Level I, you should enroll in 101 or 102.
2. If you have completed Level II, you should enroll in 201.
3. If you have completed Level III, you should enroll in either 201 or 202.

4. If you have completed Level IV or V, you should enroll in courses above 202 (e.g. French 151 or 210; German 205 or 208, Hispanic Studies 151 or 207, etc.).

The following additional placement rules apply to Latin:

A student **who wishes to continue in Latin** at The College of William and Mary will be placed into the appropriate level according to one of the following standardized examinations:

1. SAT II Subject test in Latin
2. AP-Vergil
3. AP-Latin Literature (Catullus-Horace; Catullus-Ovid; or Catullus-Cicero: only one AP-Latin Literature exam can count for credit at William and Mary)
4. or the Classical Studies placement examination which is offered at the beginning of each semester (fall and winter) and can be taken at any point in a student's undergraduate career.

The Department of Classical Studies does not allow self-placement under any circumstances. Please see the department for specific placement requirements.

For placement credit under Advanced Placement scores, see catalog section on "Advanced Placement."

Transfer credit will not be given for modern language courses that, using the formula of one high school year equals one college semester, repeat the level of courses taken in high school. For example, students with 4 or 5 years of high school study of French or Spanish who took the equivalent of 201-202 at the transfer institution will not receive credit for those courses at William and Mary. Transfer students with 4 or more years of high school study in one language, however, will be considered to have completed the language requirement and may enroll in appropriate courses above the 202 level.

Students with documented learning disabilities, aural/oral impairments or other disabilities that make the study of a foreign language impossible or unreasonably difficult should consult with the Assistant Dean of Students for Disability Services upon matriculation and, if appropriate, petition the Committee on Degrees to modify the foreign language requirement. Guided by test results and the recommendations of professionals, the committee may allow the substitution of other appropriate courses. Except under extraordinary circumstances, substitution of courses will not be approved after pre-registration for the senior year. Selection of the courses must be made in consultation with the Dean of Undergraduate Studies, Arts and Sciences. These courses cannot be used to satisfy any General Education Requirements or a minor or major requirement. They may not be taken using the Pass/Fail option.

B. Writing Proficiency

i. Lower-Division Writing Requirement: All students must satisfactorily complete with a grade of C- or better, normally by the end of their first year at the College, a one-semester course in writing — Writing 101 or a freshman or university seminar designated "W" or another lower-division course designated "W". The only exemptions to this requirement are through AP, IB, or transfer credit (see appropriate catalog sections).

ii. Major Writing Requirement: In addition, all students must satisfy the Major Writing Requirement described by each department, program, or school. Students must satisfy the lower-division writing proficiency

requirement before attempting the Major Writing Requirement. If the department, program, or school specifies a graded course or courses to satisfy the requirement, the student's grade(s) in that course or those courses must be C- or better. The purpose of the Major Writing Requirement is to ensure that students continue to develop their ability to write in clear, effective prose, which contains sustained and well-developed thought. The Major Writing Requirement must provide students with a series of opportunities to practice their writing, especially as commented upon by an instructor. Each student is expected to complete the writing requirement before the beginning of the graduating semester, normally during the junior and senior years; where the requirement may be met through a Major Honors paper, a senior paper, or the like, it may be completed as late as the end of the graduating semester. When a student has a double major, the requirement applies in each major.

C. Digital Information Literacy Proficiency

The purpose of the Digital Information Literacy (DIL) proficiency is to ensure that all students, upon matriculation at the College, have a basic understanding of digital information, how it is processed, and how to use it judiciously. To assess that basic understanding, all incoming freshmen, as well as newly admitted transfer students with fewer than 39 credit hours earned since graduation from high school, must take and pass with a grade of C- or better the DIL exam. The exam consists of questions dealing with how computers process digital information; communicating using computers; security and privacy issues; analyzing research needs; finding information electronically; evaluating the information found; and information ethics. Those students failing to take and/or pass the exam by the end of the third week of classes after matriculation must enroll in and pass with a C- or better INTR 160, Digital Information Literacy.

D. Major Computing Requirement

All students must satisfy a Major Computing Requirement. Each department and program or school has described how the Major Computing Requirement is fulfilled. Consult the catalog section for the appropriate department or program.

E. Freshman or University Seminar Requirement

Each entering undergraduate student is required to pass one freshman seminar in the first year at the College. The only students who are exempt from this requirement are transfer students who enter the College with at least 24 credit hours earned since graduation from high school, which have been accepted for credit at The College of William and Mary. All freshmen must take the seminar in their freshman year. Freshman seminars are usually numbered 150 and are offered in most departments and programs. Freshman seminars designated "W" may be used to satisfy the lower-division writing requirement when the student earns a C- or better.

F. General Education Requirements (GERs)

Undergraduate students are required to fulfill the seven General Education Requirements (GERs) as given below. GER courses must be either three or four credit courses, except for courses used to fulfill GER 6, which can be

one, two, three, or four-credit courses. A single course may fulfill, at most, two GERs and may also be used to fulfill major, minor, and/or proficiency requirements. Courses used to satisfy GERs may not be taken Pass/Fail except for those courses designated by the College as Pass/Fail courses, such as physical activity courses in the Department of Kinesiology.

Students may satisfy one or more of the GERs by receiving credit for a GER course through Advanced Placement (AP) or International Baccalaureate (IB) test scores, or by receiving transfer credit if the course is taken prior to enrolling at the College. GERs 4 and 5 may be satisfied through study abroad if approval for the course has been received from the Committee on Degrees. To be approved, the course must meet the criteria of the GER and must deal substantially with the country or region where the student is on the study abroad program. For additional information, see <http://www.wm.edu/fas/undergraduate/studentforms.php>.

For GER 6 only, an exemption (without credit) may be granted if a student is exempt from a course that satisfies GER 6 or if he/she has met the exemption criteria, as defined by the affected departments. Current exemption criteria are available from the Office of the University Registrar. For all other GERs, exemption (without credit) from a course that satisfies the GER does not result in fulfillment of the GER. All exemptions from GER 6 must be attempted and completed within a student's first two years in residence at the College.

GER 1 Mathematics and Quantitative Reasoning (one course)

Courses offered by the College in fulfillment of GER 1 develop computational techniques in the context of problems that are pertinent to the experience and training of the students. The settings of these problems are recognizable to an informed non-mathematician. The problems themselves require mathematical tools for their analysis. Courses offered by the College in fulfillment of GER 1:

1. involve numerical calculations;
2. include mathematical justifications explaining why the approaches and calculations used in the course actually work; and
3. include applications of mathematics to real-world settings or to disciplines other than mathematics.

GER 2 Natural Sciences (two courses, one of which is taken with its associated laboratory)

2A Physical Sciences (one course)

2B Biological Sciences (one course)

GER 2 courses introduce students to the enduring scientific principles that underlie many of the important issues of their times and foster an appreciation of how science relates to our wider culture. Because these issues can change over the course of a lifetime, students are given a foundation that prepares them to further educate themselves. Such a preparation provides the student not only with factual information, but also with:

1. a body of knowledge within a particular scientific discipline; and
2. an appreciation of the broader context for that knowledge.

GER 3 Social Sciences (two courses)

GER 3 courses are designed to introduce students to the systematic observation and analysis of human behavior and interaction. Social scientists observe, describe,

analyze, and try to predict and explain human behavior, including psychological processes. GER 3 courses should teach students basic concepts, key theories and methods, and important findings of social science research.

GER 4 World Cultures and History (one course in category A, one course in category B and one additional course in either category A, B or C)

To satisfy this requirement, a student must take one of the following combinations of GER 4 courses: AAB, ABB or ABC.

4A History and Culture in the European Tradition

4B History and Culture outside the European Tradition

4C Cross-Cultural Issues

The World Cultures and History GER introduces students to major ideas, institutions, and historical events that have shaped human societies. GER 4 courses have the following features:

1. They are courses covering more than one period, or covering critical periods, or movements which are designed primarily to explore topics, issues, or themes (as opposed to teaching the methods/theories of a discipline);
2. They are informed by an historical perspective (in the sense of addressing the changes in institutions, movements, or cultural practices);
3. They emphasize critical events, institutions, ideas, or literary/artistic achievements; and
4. Using disciplinary or interdisciplinary theoretical frameworks, they focus on a European or a non-European tradition, or explore topics comparatively across traditions.

GER 5 Literature and History of the Arts (one course)

A liberally educated person should possess knowledge of important and influential forms of literary or artistic achievements, and how those achievements should be understood in their cultural contexts. For that purpose, GER 5 courses introduce students to:

1. at least two major forms, genres, eras, cultures, or movements; or
2. at least two methods of analysis of art or literature.

All GER 5 courses provide students with the vocabulary of the discipline and teach them to apply the appropriate methodologies for critical analysis.

GER 6 Creative and Performing Arts (two credits in the same creative or performing art)

Many GER 6 courses are two or three-credit courses. In the case where one-credit courses are used to satisfy this requirement, the courses must be in the same performance medium. For example, to satisfy this requirement, a student could take two individual one-credit Music performance courses in voice or in one particular instrument (these must also be in the same vocal or instrumental style if Music offers more than one category), two semesters of the same ensemble course, or two Kinesiology courses in the same performance medium. However, a student could not satisfy this requirement by taking a one-credit Music performance course of beginning guitar and a one-credit course of beginning oboe, or one semester of classical piano and one semester of jazz piano.

The purpose of GER 6 is to understand the artistic process. Accordingly, by actively involving students in

exercises that require artistic choices, GER 6 courses aim for an experience-based understanding of how the artist communicates. A course that satisfies GER 6 requires a student to begin to understand an art at the foundation level through artistic activities involving each of the following: developing their artistic skills; and applying the principles of the art through projects and/or exercises.

GER 7 Philosophical, Religious and Social Thought (one course)

GER 7 courses take a critical view of important and influential approaches to philosophical, religious, or social thought. Not only does the course deal with matters of enduring concern to human life, such as meaning, value, justice, freedom and truth, but it also aims at cultivating reasoned analysis and judgment in students who take it.

GER 7 courses address three distinct areas:

1. Basic norms or values;
2. Questions of justification of norms and values;
3. Student acquisition of critical skills.

G. The Major

Declaring a major assures students of an advisor in their department or program (and thus important advice on course selection), as well as an advantage in registering for courses in some majors. A student may declare a major after completion of 39 credits. Declaration of a major is required of students with 54 credits. Students who matriculated with AP, IB, or dual enrollment credits, however, may wait until they have earned 39 credits since high school graduation. Transfer students entering with 54 or more credits may delay major declaration until the end of their first semester at the College. Interdisciplinary & International Studies majors must be added no later than before pre-registration in the final semester of the junior year.

Students intending Arts and Sciences majors officially record a major through their academic department/program and the Office of the University Registrar. A student may change a major at any time by using the same process. Students planning majors in the Schools of Business or Education must apply and be admitted. Check the Business and Education sections of the catalog for prerequisites and admissions criteria.

Students may declare one major, or two majors, or one major and one minor. If there are two majors, one must be designated as primary. Degrees are based on the primary major. College policy prohibits the awarding of a second baccalaureate degree; completion of two majors does not constitute completion of two degrees. A maximum of two courses can be counted toward both of two majors or toward a major and a minor.

The Bachelor of Arts degree is offered in American Studies, Anthropology, Art and Art History, Chinese Language and Culture, Classical Studies, Economics, English Language and Literature, French, German, Government, Hispanic Studies, History, Interdisciplinary Studies, Global Studies, International Relations, Kinesiology, Music, Philosophy, Psychology, Public Policy, Religious Studies, Sociology, Theatre, and Women's Studies. The Bachelor of Science degree is granted in Biology, Chemistry, Computer Science, Geology, Kinesiology, Mathematics, Physics, and Psychology. Candidates for the B.S. degree with a primary or only major in Kinesiology or Psychology must successfully complete, in addition to the GER1, 2A and 2B requirements, three other courses

in any combination of Biology, Chemistry, Computer Science, Geology, Mathematics, or Physics.

Up to 48 semester credits in a single subject field may be applied to the 120 credits required for a degree. Students may have more than 48 credits in a single subject field, but they must earn a minimum of 72 credits in other subject fields. For example, a student with 55 credits in English, must earn a total of 127 credits (including 72 non-English) to be graduated. Students may not apply more than 60 credits of Business, more than 35 credits in Elementary Education, or more than 30 credits in Secondary Education toward the 120 credits needed for a degree. Art and East Asian Studies majors and students studying Education abroad who meet specific criteria may petition for exceptions. See the appropriate chairs or program directors.

Interdisciplinary majors administered by the Charles Center on Honors and Interdisciplinary Studies are Linguistics, Literary and Cultural Studies, and Medieval and Renaissance Studies. Interdisciplinary majors that are self-administered are American Studies, Black Studies, Environmental Science and Policy, Neuroscience and Women's Studies. Applications and details on degree requirements and policies are available in the appropriate department offices.

Minors: In addition to the required major, a student may elect to pursue a program of studies designated as a minor. A minor consists of 18-22 credit hours of courses approved by a department or program. Courses completed for a minor may also satisfy GER requirements. None of these courses may be taken on a Pass/Fail basis. A student must earn at least a 2.0 grade point average in the minor. Information about specific minors can be obtained from the appropriate department or program. A maximum of two courses may be counted toward both a major and a minor. A student who intends to complete a minor must officially declare the minor with the department or program, then take the Declaration of Minor form to the Office of the Registrar. The Declaration of Minor form must be filed with the Office of the University Registrar no later than six weeks prior to graduation. A student who declares two majors may not declare a minor.

III. Honors and Special Programs

Departmental Honors

The Department Honors program, administered by the Roy R. Charles Center, provides special opportunities through independent study for the intellectual stimulation and development of superior students in certain departments and interdisciplinary programs. Participating departments and programs include American Studies, Anthropology, Art and Art History, Biology, Black Studies, Chemistry, Classical Studies, Computer Science, Economics, English, Environmental Science and Policy, French, Geology, German, Global Studies, Government, Hispanic Studies, History, Interdisciplinary Studies, International Relations, Kinesiology, Literary and Cultural Studies, Mathematics, Music, Philosophy, Physics, Psychology, Public Policy, Religious Studies, Sociology, Theatre, Speech and Dance, and Women's Studies.

For more detailed statements of departmental requirements, consult catalog entries by department and separate instructions issued by each department. For further information about Department Honors, consult the Charles Center website at <http://www.wm.edu/charlescenter/>.

60 • REQUIREMENTS FOR DEGREES

Eligibility and Admission to the Department Honors Program: Eligibility is contingent upon the following criteria.

1. a 3.0 cumulative grade point average, or
2. a 3.0 grade point average for the junior year alone, or
3. special permission of the Committee on Honors and Interdisciplinary Studies, which will consider appeals only when initiated by the department as well as by the student in question.

Students who wish to pursue Honors work and who have good reason to believe that they will qualify, based on the criteria above, should declare their interest as early as possible to the chair of their department. Such declaration should be made in the spring semester of the junior year.

Students will be admitted to candidacy when: (1) their written thesis or project proposal is accepted by a departmental committee, preferably by the last semester of their junior year but no later than the end of the add/drop period during registration for the first semester of their senior year; (2) their candidacy is accepted by a departmental committee subject to considerations of teaching staff availability; (3) their eligibility is certified by the Director of the Charles Center.

Minimum Requirements for a Degree with Honors

1. Satisfactory completion of a program of reading and research supervised by a faculty member designated by the chair of the student's major department. Six hours of credit in a course designated 495-496 in each department offering Honors shall be awarded each student satisfactorily completing the program.
2. Satisfactory completion of the general requirements for the degree of B.A. or B.S. .
3. Presentation of a completed Honors thesis: A copy of the completed Honors thesis in a form that is acceptable to the major department must be submitted to each member of the student's Examining Committee two weeks before the last day of classes of his or her graduating semester. (See below: Examining Committee)
4. Satisfactory performance in a comprehensive examination on the thesis and related background. The examination may be oral or written or both.

Examining Committee

1. Each comprehensive examination shall be set and judged and each Honors essay or project shall be judged by an examining committee of not less than three members, including at least one member of the faculty of the candidate's major department and at least one faculty member from another department.
2. During the first month of the candidate's final semester, examining committees shall be nominated by the chair of the department and approved by the Director of the Charles Center.

The award of "Honors," "High Honors," or "Highest Honors" shall be determined by the student's examining committee, except in the departments of Biology, Physics, and Neuroscience, which grant the single award of Honors in Research. The committee shall take into account the recommendation of the advisor as well as its own judgment of the examination and essay or project.

Unsuccessful Honors Projects

1. If it becomes evident before the end of the first semester that the student will not complete the project, the student and the supervising faculty member must either (1) withdraw the student from Honors 495; or (2) change the Honors

495 designation to an appropriate alternative, such as independent study, by contacting the Charles Center.

2. If the project continues into the second semester and it then becomes evident that the project will not be completed by the submission deadline (two weeks before the last day of classes of the student's graduating semester), the student and the supervising faculty member must either: a) change Honors 495 and 496 to appropriate alternatives (in most cases, independent study) by contacting the Charles Center; or b) declare an incomplete, which can only be done in extraordinary circumstances and with departmental approval. The student and advisor must agree to firm new deadlines for the thesis and the defense and must submit these deadlines to the Committee for Honors and Interdisciplinary Studies.
3. If, upon completion of the oral defense, the examination committee determines that the thesis does not merit Honors, the committee must change Honors 495 and 496 to appropriate alternatives and award the student grades for these courses.

Thus, under no circumstances may Honors 495 and/or 496 remain on the transcript of a student who is not awarded Honors by the examining committee.

Graduation Honors

Latin Honors: To recognize outstanding academic achievement, the College awards degrees cum laude, magna cum laude and summa cum laude. The overall grade point average required for a degree cum laude is 3.50, for a degree magna cum laude 3.65, and for a degree summa cum laude 3.80. This honor is noted on the student's diploma and on the academic transcript.

Department Honors: The Department Honors program provides special opportunities through independent study for the intellectual stimulation and development of superior students in certain departments and interdisciplinary programs. Students in this program may, as the result of distinguished work, be awarded a degree with "Honors," "High Honors" or "Highest Honors" (except in the departments of Biology, Government, Kinesiology, Physics, and Neuroscience which grant the single award of Honors in Research). This honor is noted on the student's academic transcript.

Internships for Credit

An internship agreement must be completed with signatures of the student, evaluating faculty member, and any external supervisor. These are to be filed in the Office of the Dean of Undergraduate Studies before the student begins the internship. There will be no consideration of academic credit without an internship agreement.

Qualified students, usually in their junior or senior year, may receive credit from cooperating departments for an approved program that provides an opportunity to apply and expand knowledge under expert supervision in an on- or off-campus position. These internships should provide a structured learning experience and must be approved in advance by the department and evaluated by a William and Mary faculty member. Academic credit is awarded for a project that incorporates the hands-on experience of the internship, but also includes an analytic or research component, and a final, written report. Individual departments determine the number of credits in an academic internship that may count toward the minimum number of credits required in a major. Normally three credits are awarded, but in exceptional and approved cases a department may award more. No more than

six credits in academic internships may be applied to the 120 credits required for graduation.

Students undertaking internships that will take them away from campus for a semester or year should notify the Office of the Dean of Students before beginning the internship. International students who anticipate receiving payment should contact the Global Education Office at the Reves Center concerning visa requirements. For general information and counseling about internships contact the Office of the Dean of Undergraduate Studies, Ewell Hall 124.

Non-Credit Internships

Students interested in pursuing non-credit internships may apply through the Office of Career Services (123 Blow Memorial Hall) for participation in the Local Internship Program. Placements are available in law firms, medical offices, museums, social service agencies, businesses, schools, investment firms, publishing groups, public relations offices, technology companies, and science labs. Opportunities for summer internships are also available through the Office of Career Services. Some internships are listed directly with Career Services and the office provides students access to a database of nearly 20,000 opportunities in a broad range of fields and locations. Staff members in the Office of Career Services are available to counsel students concerning internship and other career-related opportunities.

Pre-Professional Programs

Students may follow programs at William and Mary within a liberal arts framework that will prepare them for study in dentistry, engineering, forestry, medical technology, medicine and veterinary medicine. Students who are interested in pre-professional programs should plan their programs in consultation with their advisors.

Pre-Medical and Pre-Dental Programs

There are no specific pre-medical or pre-dental programs at William and Mary. Students preparing for admission to medical or dental school may choose to major in any department. Although medical and dental schools in general have no preference as to the major field of undergraduate study, they do believe that the student should pursue a coherent program with some depth. The foundation of medicine and dentistry is the natural sciences. All medical schools and most dental schools include in their admission requirements four years of laboratory science courses: biology, inorganic chemistry, organic chemistry and general physics. At William and Mary, these courses are Biology 203 and 204; Chemistry 103/151, 206/252, 307/353 and 308/354; Physics 101-102 or 107-108 (Chemistry and Physics majors take 101-102). One year of Mathematics (Chemistry and Physics majors take calculus) is also recommended. Science courses in addition to these minimal requirements are required by some schools and viewed with favor by many others. One year of English is required by many schools. A "W" freshman seminar can be used towards this requirement. The English Department recommends that freshmen and sophomores who do not intend to become English majors take English 210; juniors and seniors are encouraged to take English 352, 363, or 364. In any case, students' choices of courses should be balanced and should reflect their overall intellectual development.

Because medical schools begin to reach decisions on applicants for admission early in the senior year on the basis of records established at that time, it is advantageous that the minimal required science courses be completed in the first

three years. All pre-medical students are encouraged to seek academic guidance early in their careers through scheduled consultations with Prof. Beverly Sher in the Department of Biology. Students should contact her directly via email at btshe@wm.edu to schedule appointments.

Combined Degree Programs

Academic programs of students who participate in any combined degree program must be approved in advance by the Committee on Degrees. All William and Mary degree requirements are applicable to students in the 3:2 program. All GER and Proficiency requirements must be completed at William and Mary. Students must have at least an overall 2.0 GPA and at least a 2.0 GPA in courses taken at William and Mary toward the fulfillment of major requirements. Elective hours toward the major may be completed elsewhere but students must earn as many credits toward the major as required if they were completing all degree requirements at William and Mary. The chair of the department in which the students are concentrating will determine which courses elsewhere will count toward the William and Mary major requirements if they happen to be in other subject fields. Students must have earned 120 hours including at least 60 hours at William and Mary, before a degree is granted.

Engineering Schools: William and Mary has "combined plans" with the engineering schools of Columbia University, Rensselaer Polytechnic Institute and Washington University in St. Louis. Under the "3:2 plan," a student spends three years at William and Mary and two years at the engineering school and receives a bachelor's degree from William and Mary as well as a bachelor's or master's degree from the affiliated engineering school. The degree from William and Mary is awarded after one full year in the professional program upon successful completion of the degree requirements of the College. Prerequisites for the 3:2 programs are varied, but the following general guidelines are useful. Courses which should be completed by the end of the junior year include:

- Mathematics 111, 112, 211, 212, 302
- Physics 101, 102, 201
- Chemistry 103, 206
- Computer Science 141, 240

Those interested in Electrical, Mechanical or Aerospace Engineering typically major in Physics; Chemical and Environmental Engineers major in Chemistry; Computer Systems Engineers major in Computer Science or Computer Science/Physics. So long as pre-engineering course requirements are met, it is possible in principle to major in any discipline prior to acceptance into the engineering school. Note that in some majors, the requirement for a senior research or honors project, supervised by William & Mary faculty, may make a 3:2 combined program difficult. In such cases, a 4:2 combined program with identical admission requirements is recommended.

Normally a B average (B+ at Washington University) is required for the student to be accepted by the engineering institution into its 3:2 program. The requirements tend to be slightly higher for Electrical Engineering and Computer Systems Engineering. For details, consult Physics department.

Forestry and Environmental Science: The College offers a special program in cooperation with the School of Forestry and Environmental Science of Duke University. A bachelor's degree is awarded by the College after successful completion of the degree requirements of the College and one full year in the professional program. Upon completion of a five-year

62 • REQUIREMENTS FOR DEGREES

coordinated course of study, students will have earned the professional degree of Master of Forestry or Master of Environmental Management from Duke University. Students devote the last two years of their program to the chosen professional curriculum at Duke, where courses are open only to seniors and to graduate students. Because the Duke program includes only 24 academic credits per year, William and Mary students must have completed 96 academic credits prior to enrollment at Duke. Prerequisites for this program are MATH 111 or 112, ECON 101 or 102, BIOL 203, 204, CSCI 141 and one statistics course.

Information on curriculum planning for entry into the program with Duke is available through consultation with Dr. J. Timmons Roberts, Director, Program in Environmental Science/Studies.

FIELDS OF MAJOR, SUBPROGRAMS AND COURSE DESCRIPTIONS

The material that follows describes, in alphabetical order, the requirements for major in the various field and subprograms offered by the College according to the department and schools offering them. The chapters also include the undergraduate course offerings of the departments, schools and particular programs listed according to course number. Courses that can be taken to fulfill general education requirements are indicated by the symbols described below.

Also described in the chapters are the basic requirements for Major Honors in each program.

Explanation of Course Descriptions

- (GER) This course satisfies general education requirements.
 - (Lab) This course satisfies the GER 2 laboratory requirement when taken with an associated course.
 - (*) Starred courses may be taken only with the consent of the instructor.
 - (†) Daggered courses may be taken only with the consent of the chair of the department or dean of the school concerned.
- A hyphen between course numbers (101-102) indicates a continuous course—the two parts of which must be taken in numerical order (i.e., the first course is a pre-requisite for the latter).
 - A comma between course numbers (101,102) indicates two closely related courses which need not be taken in numerical order.
 - Please note that courses involving labs do not necessarily satisfy general education requirements.
 - Courses involving laboratory or studio activity are so labeled. All others are classroom courses.
 - The credit hours for each course are indicated by numbers in parentheses.