



SPRING HILL

C O L L E G E

2021-2022

BULLETIN OF INFORMATION

TRADITIONAL UNDERGRADUATE
COURSES AND DEGREES

4000 Dauphin Street
Mobile, Alabama 36608

SHC.edu

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ACADEMIC CALENDARS

Visit current calendars on [BadgerWeb](#) (in the Academic Calendars portlet):

ADMISSION

New students who desire to enroll for classes at Spring Hill College should contact the Office of Admissions or consult the College's website for information about the admission process. Degree-seeking students – including first-time students, transfer students, and international student – must be admitted to the College to study in a major academic program. Non-degree students – students who desire to enroll for classes without seeking a degree – must also be admitted before registering for classes.

ADMISSION POLICY FOR DEGREE PROGRAMS

The admission policy of Spring Hill College is designed to enroll students who have the desire and ability to benefit from the academic programs of the College, without regard to their race, sex, religion, disability or national or ethnic origin. Ability is demonstrated by high school curriculum, grades, standardized test results, rank in class, previous college work (if applicable) and recommendations.

The ideal student from Spring Hill College is an individual who seeks a liberal arts, faith-based education, whether Catholic or non-Catholic, and who truly wishes to become a responsible leader in service to others.

The ideal student should come from a competitive high school, have taken a rigorous college preparatory curriculum, and graduate with an above average grade point average. The student may demonstrate the ability to benefit from admission to Spring Hill College by providing solid ACT or SAT test results. The student should also show the capacity to contribute to the wellbeing of the College through out-of-class activities such as community service, student government, clubs and organizations, and athletics. The student, upon graduation from Spring Hill College, would cherish as well as value the education he/she acquired and become an involved and supportive alumnus/alumna of the College.

TEST-OPTIONAL POLICY

As a Catholic, Jesuit institution, Spring Hill College seeks to admit a diverse and intellectually stimulating student body and, for this reason, emphasizes a holistic review of applications for admission. We believe that a full evaluation of a student's high school record, both in and out of the classroom, allows us to assess the student's potential for future academic success. Therefore, students who believe that their standardized test results do not adequately indicate their potential for academic success are not required to submit ACT or SAT scores when submitting an application for admission. It is important to note, however, that test optional applicants will be required to submit ACT or SAT scores before starting classes in the fall of their first semester.¹

¹ All students are required to submit ACT or SAT scores. For students who apply under the College's test-optional policy, these scores have no bearing on the admissions decision, but are only used to inform academic advising and to determine placement in core curriculum courses.

To receive full consideration for admission, students who apply for admission through the test-optional policy will be required to submit alternate materials to demonstrate their potential for academic success. Their application materials will demonstrate consistently strong and above average academic performance in the core areas of English, mathematics, science, and social science.

Eligibility Exceptions

Home schooled students are not eligible to apply through the test-optional policy.

Nursing applicants may apply test optional but must achieve a composite ACT score of 21 by the end of their first semester sophomore year to be eligible to move on to the advanced nursing curriculum.

STUDENTS APPLYING FOR ADMISSION

Spring Hill College admits students on a rolling basis, which means that applications are processed whenever all required materials are received and students receive notification as soon as an admissions decision is made.

Students seeking undergraduate admission to Spring Hill College may apply in one of two ways:

- Complete the Spring Hill College application for undergraduate admission, which is available online at shc.edu/admissions/how-apply/ or from the Office of Admissions or
- Complete the Common Application

Students may choose to complete either application. The College requests that students complete only one (1) application, not both.

FIRST-TIME STUDENT ADMISSION

Applicants may be offered admission as first-time, first-year students on the basis of six (6) or more semesters of high school coursework. However, the applicant must, by the time of enrollment, have graduated from an accredited secondary school, with a minimum of 16 academic credits. Ordinarily, this includes four (4) units in English; three (3) in mathematics, including Algebra II; three (3) in natural science; three (3) in social science; and three (3) other units in academic areas.

Application Procedures

In addition to completing an application, a student applying for admission as a first-time, first-year student must also submit the following supporting materials:

Supporting materials	Regular Admission	Test-Optional Admission
1. Official transcript of high school grades covering at least 6 semesters; transcripts must be submitted from every high school attended	X	X
2. Official scores from either Scholastic Aptitude Test (SAT) or American College Test (ACT) for admissions review	X	
3. Official scores from either Scholastic Aptitude Test (SAT) or American College Test (ACT) for advising and placement <u>only</u>		X
4. Evaluation of achievement and potential from high school counselor and/or high school teacher		X
5. A writing sample (between 200-600 words)		X
6. Resume or outline - Please consider including things such as: Community Service or involvement, Clubs/Extracurricular activities, Church-related activities, Leadership Experience, Achievements/Awards/Honors		X

GED applicants: Any student wishing to submit an official GED report in lieu of a high school diploma should also submit transcripts of all high school work previously attempted. An interview is required for all GED applicants.

Home-Schooled applicants: If a student has been home-schooled for any part of his or her high school education, the student should submit a comprehensive portfolio of the educational experience. The portfolio should include, but is not limited to, a thorough explanation of all coursework and how it was graded, a comprehensive reading list, documentation of any program affiliation and personal assessments provided by both the student and the primary teacher. We welcome the inclusion of any independent research project, community outreach or unique experience that enriched the homeschooling experience. All home-schooled students are required to submit official scores from either the SAT or ACT and to visit campus for a personal interview.

Unconditional Admission

Unconditional admission usually will be granted to applicants who, based on a holistic review of application materials, show strong potential for academic success in college-level work and the capacity to contribute to the wellbeing of the College.

Conditional Admission

The College may, at its discretion, grant conditional admission to applicants who do not clearly meet the requirements for unconditional admission but who demonstrate the potential to successfully complete degree requirements at Spring Hill College. Students admitted conditionally may be limited in the number of enrolled credit hours during the first semester of study and/or be advised to take prerequisite courses that may not count towards graduation requirements.

TRANSFER ADMISSION

Transfer student is a classification assigned to any student who has matriculated at a college or university other than Spring Hill College with a transcript of record². Students seeking transfer admission are required to disclose attendance at all prior institutions.

Application Procedures

In addition to completing an application, a transfer student applicant must also submit:

1. An official transcript from each college or university attended for all coursework and a list of courses in progress; and
2. A transfer reference from the Dean of Students or equivalent at the last college attended verifying good disciplinary standing.
3. If the applicant has earned fewer than 12 semester hours of college credit, the applicant must also submit an official, complete transcript of the high school record and official scores from either the Scholastic Aptitude Test (SAT) or the American College Test (ACT).

Unconditional Admission

Unconditional admission will be granted to transfer applicants who have completed 12 or more semester hours of college credit, are in good academic standing at the last college or university attended, and receive an appropriately satisfactory transfer reference from the Dean of Students.

Conditional Admission

Conditional transfer admission may be granted to transfer applicants who do not meet unconditional transfer admission requirements but who demonstrate the potential to successfully complete degree requirements at Spring Hill College. Students admitted conditionally may be limited in the number of enrolled credit hours during the first semester of study and/or be advised to take prerequisite courses that may not count towards graduation requirements.

²Applicants who have earned college-level credit by participating in dual enrollment programs prior to high school graduation will be considered for admission as first-time, first-year students, but will be placed in the appropriate upper-level courses pending transcript review by the Registrar's Office.

Evaluation of Transfer Credits

An applicant for transfer admission may request a preliminary evaluation of how previously earned credits will be applied to the requirements of his or her Spring Hill College degree. This preliminary evaluation may be based on unofficial transcripts and will adhere to the policy on "Transfer Credits" that appears in the General Academic Policies section of this Bulletin of Information. When a new transfer student has provided official transcripts showing all coursework completed at all institutions attended, the Registrar will post previously earned credits to the transfer student's Spring Hill College transfer and provide a degree audit that shows how previously earned credits have been applied to the student's degree requirements.

Any transfer student who is admitted to the College for the fall semester and wishes to take prerequisite courses for a particular program (i.e., nursing or teacher education) during a summer term should consult the office of Student Academic Advising.

Transfer Admission through Articulation Agreements

Spring Hill College has concluded many articulation agreements, especially with community colleges in Alabama, to offer associate degree graduates a seamless process for completing a baccalaureate degree in selected programs. Under the terms of the articulation agreements, associate of Arts (AA), and Associate of Science (AS) degree students will be granted transfer admission by meeting the requirements enumerated in the articulation agreement. Formal agreements have been made with the following community colleges: Bevill State Community College, Bishop State Community College, Coastal Alabama Community College, and Wallace Community College.

Transfer students with Associate's Degrees (AA or AS) from Bevill State Community College, Bishop State Community College, Coastal Alabama Community College, and Wallace Community College need to take PHL 101, THL 101, and a service-learning course to fulfil the transfer general education core requirement.

INTERNATIONAL STUDENT ADMISSION

An international student is someone who does not have United States citizenship or is not a permanent resident of the United States. Any student who is "in process" to receive US permanent residency (obtain a Green Card) is considered an international student. International students must demonstrate English language proficiency in addition to meeting the requirements for freshman or transfer admission. Proficiency is demonstrated by achieving a minimum score of 90 on the Michigan Test (MELAB), TOEFL 71 overall with no subscore lower than 15, IELTS with a 6.0, ACT 21 or higher on Writing/English section, SAT 480 or higher on Writing section, NASFA certified ELS Center level 112 with a 2.5 grade or better, US College or University with English Composition 121 equivalent with a C or better (English for non-native speakers does not qualify), A Levels - 1 A grade or better in English or 3 B grades or better in subjects other than Math. Students from international schools where the Medium of Instruction is English and where it is noted in AACRAO as a Medium of Instruction as in an English country, or English in the primary and official language of the country where all study occurred (i.e., Canada with the exception of Quebec) are considered proficient in English for admission purposes.

NOTE: All tests must be taken within two years of application for admission.

Application Procedures for International Freshmen:

In addition to the application form and personal statement, an international student should submit:

1. Letter of recommendation from a guidance counselor or an academic instructor.
2. Official transcripts of secondary school transcripts and a certified English translation (WES; www.wes.org) of transcripts in languages other than English
3. Proof of English language proficiency as indicated above
4. Financial certification in two forms is required in English: An affidavit of support from the sponsor and a bank statement from the sponsor's bank account with USD amounts stated
5. Any other documentation required by a specific Spring Hill College academic program

Application Procedures for International Transfers:

International students who seek admission as transfer students should submit all of the documentation required of freshmen plus the following:

1. Letter of recommendation from a guidance counselor or an academic instructor
2. Official transcripts from all colleges and universities attended or currently attending including courses currently in progress and a certified English translation (WES; www.wes.org) of transcripts in languages other than English
3. Official transcripts of secondary school records, both in the original language and certified English translation when the language of instruction was other than English, are necessary if the student has fewer than 12 transferrable credit hours.
4. Completed Student Transfer Eligibility Form
5. Financial certification in two forms is required in English: An affidavit of support from the sponsor and a bank statement from the sponsor's bank account with USD amounts stated
6. Any other documentation required by a specific Spring Hill College academic program.

Additional Information for International Students

- The Office of Student Advising will issue the I-20 Form after the student has submitted the enrollment confirmation along with all financial supporting documents.
- Spring Hill College does not award financial aid to international students on the basis of need; however, merit scholarships are available.
- It is Spring Hill College's expectation that students should apply to Spring Hill College with the understanding that they will be personally responsible for providing funds to attend the college.

DEFERRED ADMISSION

An admitted candidate may choose to defer enrollment for up to one academic year in order to pursue other personal interests. The candidate may not attend any other educational institution during the year in which the deferral of enrollment at Spring Hill College has been granted.

The candidate must submit a letter requesting deferral to be received by the Vice President for Enrollment Management no later than 30 calendar days prior to the start of the semester for

which the student was originally admitted. A nonrefundable tuition deposit of \$300 must be submitted along with the letter. If the candidate has already submitted a tuition deposit, that deposit remains nonrefundable and will be held for the year. Students who do not enroll at the end of the deferral period forfeit their admission to Spring Hill College.

READMISSION

Students who have been absent from Spring Hill College for a semester or more must make formal application for readmission through the Office of Admissions. Together with the application (for which there is no fee), they must submit a transcript of any credits earned at another institution.

DUAL ENROLLMENT

The College accepts dual enrollment credit for traditional undergraduate students. The coursework must result in a grade of C- or better in 100-level or higher courses.

INTERNATIONAL BACCALAUREATE (IB)

Credit will be awarded on a course-by-course basis as approved by the department. Scores of five or better on the higher-level examinations will be considered for credit.

ADVANCED PLACEMENT PROGRAM

Students whose academic preparation in high school is beyond that normally expected for admission at the freshman level may qualify for advanced placement.

The term "advanced placement" means that the student is placed in courses advanced beyond those normally required of an entering student and that are at a level appropriate to the student's ability. Advanced placement is usually based on results of the Advanced Placement Program (AP), and other national tests, as well as Spring Hill's own institutional tests. To receive appropriate AP credit, the enrolling student must submit an official score report once all AP coursework is completed.

The following chart outlines the minimum acceptable scores and the applicable course substitutions for the corresponding AP examinations.

Advanced Placement (AP) Credit Policy

Exam Title	Minimum Score Required	Number of Credits	SHC Equivalent Course
Art History	3	3	ART Core
Biology	3	3	Science Core
Calculus AB	3	4	MTH 121 *Students who score a three on the calculus AP test will be awarded credit, but may, in individual cases, be required to complete MTH 121 before placement in MTH 122.
Calculus BC	4	4	MTH 121, 122
Chemistry	3	3	Science Core
Comparative Government and Politics	3	3	POL 151
Computer Science A	4	3	CIS 221

Exam Title	Minimum Score Required	Number of Credits	SHC Equivalent Course
English Language and Composition	4	3	ENG 121
English Literature and Composition	4	3	ENG 121
European History	4	3	HIS 212
French Language and Culture	3	3	FRE 101
	4	6	FRE 101, 102
German Language and Culture	3	3	GER 101
	4	6	GER 101, 102
Latin	3	3	LAT 101
	4	6	LAT 101, 102
Macroeconomics	3	3	ECO 101
Microeconomics	3	3	ECO 102
Music Theory	3	3	MUS 221
Physics B	3	3	Science Core
Physics C: Electricity and Magnetism	3	3	Science Core
Physics C: Mechanics	3	3	Science Core
Psychology	4	3	PSY 101
Spanish Language and Culture	3	3	SPA 101
	4	6	SPA 101, 102
Spanish Literature and Culture	3	3	SPA 101
	4	6	SPA 101, 102
Statistics	3	3	BUS 263 or MTH 163
Studio Art: 2-D Design Portfolio	3	3	ART Core
Studio Art: 3-D Design Portfolio	3	3	ART Core
Studio Art: Drawing Portfolio	3	3	ART Core
United States Government and Politics	3	3	POL 112
United States History	4	3	HIS 214

TRADITIONAL UNDERGRADUATE PROGRAMS OF STUDY

General core curriculum and a specific listing of requirements for each traditional undergraduate degree program follow. The requirements as presented are to be considered generally binding but not totally inflexible. Students may vary their requirements according to their particular plans and interests, but such variations must be approved by the department or division chair and by the Provost.

From time to time the College finds it either advisable or necessary to change requirements in various curricula. New curricular requirements become effective at the time of their publication in the *Bulletin of Information* and are not retroactive. The College reserves the right to make and implement non-curricular academic policy changes at any time deemed appropriate.

The abbreviation after an instructional department is the official symbol for that subject; for example, PHL is the designation for the philosophy department. Numbers for the courses of the department are prefixed by the departmental abbreviation symbol. These symbols are used in records, reports, schedules and transcripts.

At the beginning of each divisional section are statements of the general and specific objectives of the division and an explanation of its requirements. Not all of the courses listed under each division are offered every term; some are offered on a rotational basis. The College reserves the right to make necessary changes in course offerings and to cancel courses for which fewer than five students have enrolled at the beginning of the semester.

A lower-level course is one that is preparatory to the concentration. Lower-level courses open to freshmen and sophomores are numbered from 100 to 299. As a general rule, courses numbered from 200 to 299 are for sophomores. Upper-level courses are numbered 300 and above. Courses numbered below 100 involve basic academic skills development.

A course may have one or more of the following overlays:

W= writing across the curriculum

O = oral communication

D = diversity

E = ethics

J = social justice

I = integrations

C = community-based learning

An overlay indicates that the course can be used towards fulfilling the respective core curriculum overlay requirement.

SPRING HILL COLLEGE CORE CURRICULUM – BACHELOR DEGREE PROGRAMS

In Jesuit educational philosophy, reason, justice and faith are inextricably linked. Therefore, Spring Hill College, as a Jesuit, liberal arts institution, fosters intellectual, moral and spiritual growth for its students along with an aspiration to build a just world and pursue the fullest possible development of their own potential. It prepares responsible leaders for service to others.

The core curriculum lays the academic foundation for these goals. The curriculum is organized around a basic principle: Education for the common good of the global community. This integrated curriculum cultivates an overlapping set of bodies of knowledge, skills and values that will enable students to live full and fruitful lives.

Consistent with the academic goals of the college, Spring Hill College has adopted the following learning outcomes to be introduced in the core curriculum and advanced through the entire curriculum:

Students acquire a greater understanding of human cultures and the physical and natural world through studies in the sciences, mathematics, social sciences, literature, foreign languages, philosophy, theology, history and visual and performing arts.

Students develop broad intellectual and practical competencies, including:

1. inquiry and analysis
2. critical reading and thinking
3. oral communication
4. effective and persuasive writing
5. information literacy, research, and scholarship
6. quantitative literacy

Students demonstrate critical reflection on the personal and social dimensions of their faith, including:

1. civic knowledge and engagement with local and global communities
2. intercultural knowledge
3. knowledge of the practical and personal challenges to human dignity and social justice
4. ethical reasoning and action in relation to the common good of the global community
5. understanding of the broader Christian traditions, especially Catholicism, as well as other world religions
6. engagement with persistent questions of meaning, in relation to the world as it is known and to reality as a whole.

ENGLISH PROFICIENCY

New freshmen entering the college for the first time must provide National Standardized Test scores to demonstrate English Proficiency. Students whose scores do not demonstrate competency in English must take ENG 105, College Composition, before beginning core English courses.

MATHEMATICS PROFICIENCY

New freshman students must submit standardized mathematics test scores for admission. Students whose scores do not demonstrate proficiency are required to take MTH 010, Intermediate Algebra, prior to taking MTH 111 or MTH 163, based on their declared major.

All degree candidates at Spring Hill College are required to study the core curriculum specified below according to their degree program, which include the required courses and required overlays listed below. Transfer students should reference the Core Curriculum Requirements for Transfer Students for exceptions to the following requirements.

OVERLAY DESCRIPTIONS

Cultural Diversity (D): one course

A cultural diversity course is defined for this purpose as one that focuses on a culture outside of Europe and the English-speaking world (e.g., Middle Eastern Politics or Latin American History), or has a multi-cultural topic (e.g., World Religions), or explores themes relating to a non-dominant group in American society (e.g., African-American Literature, Women's Studies, or Poverty in America). In order to qualify as a cultural diversity course, the course as a whole must focus on cultural diversity issues rather than simply include one or more components on cultural diversity. Because of the pervasive cultural diversity in the curriculum of the Nursing major, students in this program may have their "D" requirement waived by a petition from the division chair.

Writing Across the Curriculum (W): five courses

As a condition for being awarded the baccalaureate degree, students must pass at least five writing-enriched courses. At least one "W" course must be in the major. Students in the nursing program must take four "W" courses including one in the major.

Writing-enriched course will meet these minimum requirements:

- 25 percent of the grade will come from writing assignments;
- instructors will advise students in the process of completing their writing assignments;
- instructors will require a minimum of 12 pages to be graded for their quality of writing to be assessed by degree of clarity, completeness, and precision (references, graphics, etc., are to be included in the page count);
- both content and form will be evaluated for a grade.

Ethics (E)/Social Justice (J): one course

Either a course with the "E" designation or a course with the "J" designation will satisfy the requirement. An "E" course will include critical reflection on the meaning of ethical concepts pertaining to the common good of the global community and on the application of those concepts to historical and/or contemporary moral debates. A "J" course will include critical reflection on political, economic and/or social structures or historical movements and traditions that promote or degrade the dignity of the human person; as such, students may come to understand the effects of those issues on persons directly impacted by them.

Oral Communication (O): two courses

Students can satisfy the Oral Communication requirement by taking either CMM 150 Introduction to Public Speaking or two "O" designated (three-credit-hour) courses. An "O" designated co-curricular experience or one-credit-hour course may substitute for one three-credit-hour course. "O" courses must include overt instruction on oral communication as guided by the Oral Communication Assessment Rubric, leading to an accomplished performance. Evaluation of the oral component (speech, presentation, teaching, leadership, interview, or debate) will consider preparation, conceptualization of the information, organization and delivery. Each "O" course will design specific oral communication learning outcomes appropriate to the discipline. At least 15 percent of the term grade will be on oral competency and students will receive informed feedback on their performance. Assessment should be sensitive to relevant physical, psychological or cultural disadvantages; adjustments may be made for students using American Sign Language, English as a Second Language or qualifying under Americans with Disabilities Act.

Integrations (I): one course

This course integrates core learning outcomes, includes a theological or philosophical perspective, and applies the Jesuit liberal arts tradition to the study of and reflection on a contemporary issue from interdisciplinary perspectives; it can be team taught or taught by one instructor who incorporates more than one disciplinary perspective in the class. This integrations requirement should be taken in the junior or senior year.

Community Learning, Integrated, Mission-Based (C): one course or co-curricular experience

Community Learning, Integrated, Mission-Based (CLIMB) experiences rely upon real-world exposure to concepts that transfer knowledge into the community, emphasize challenges to social justice and help students express relationship with people different from themselves. CLIMB experiences, both curricular and co-curricular, are labeled with a C. For a listing of approved CLIMB experiences, please visit the Cohesive Undergraduate Experience website (www.shc.edu/cue).

Completion of the core curriculum will ensure that graduates attain college-level competencies in critical thinking, writing, reading and quantitative reasoning.

English

The first goal of the core curriculum is to challenge students to think critically, write persuasively and speak effectively; the second is to explore the classics of Western and non-western literature and thought. To assist in fulfilling these goals, the Department of English offers core courses that emphasize excellence in writing and provide a coherent sequence of the best literature of the past and present, thus challenging students to new ways of reading and thinking. Encountering a diverse range of perspectives through literature will encourage students to foster human dignity.

History

The history core seeks to introduce the essential background for an educated understanding of the peoples and forces affecting the development of western societies. In a historical context, students examine and discuss issues and questions raised in the areas of literature, theology, philosophy, science, politics, art, architecture, economics and human behavior. Through a study of primary sources and texts relating to these areas, students develop critical reading, writing and analytical skills. The history core courses address timeless questions of past and present

inequities based on race, religion, class, gender, economic status and geography and provide insight into the common good of the global human community.

Philosophy

The mission of the Philosophy Department is to bring students to reflect critically on their most basic beliefs and assumptions: the nature of justice, the criteria by which we judge behavior as moral, the nature and limits of knowledge, the distinction between valid and invalid thinking and so forth. Students develop analytical thinking skills, speaking skills and writing skills and have an opportunity to reflect on the meaning of life.

Theology

Theology is, according to the traditional definition, "faith seeking understanding." Being religious is a central dimension of the human person and a central fact of human history and culture. The Theology core provides not only essentials on Christianity—its scriptures, doctrines, rituals and morals; it also introduces students to the scholarly study of religion, helping them grapple with ultimate questions and teaching them to begin to bring critical reason to bear on religious experience, institutions and traditions. In accord with Spring Hill's mission as a Catholic college, we strive to help students understand Catholicism, its history, tenets and traditions; such study is always done with the objectivity and rigor appropriate to the scholarly study of religion and done with deep ecumenical sensitivity. Students are also introduced to the wider range of Christian traditions as well as to world religions in a way that respects the rich insights and the dignity of these traditions and religions.

Languages

The Department of Modern Languages, Literature, and Cultures offers to students an opportunity to acquire language proficiency and to explore foreign literatures and cultures. Language is the key that leads to understanding other people within their unique cultural context. By communicating with another person in her/his language we also acknowledge that individual's humanity, dignity and worth. In such a way, the study of a foreign language contributes to the education for the common good of the global human community.

Social Sciences

The social sciences represent the empirical and critical study of the ways in which psychological, social, economic and political dynamics interact to shape the human condition. To knowledgeably address social justice issues such as poverty, the death penalty, war, genocide or immigration requires understanding of the social, economic, political, cultural, attitudinal and behavioral context in which these issues are embedded. These disciplines provide students a foundation to integrate an empirical approach with personal values to achieve a basis for responsible action with respect to the common good.

Mathematics

The study of Mathematics promotes the rigorous use of analysis and logic in solving problems and, in union with the other sciences, contributes to the most objective view of our world that is available to us. Quantitative reasoning skills, honed by the scrupulous use of mathematical symbolism and language, are indispensable for an informed citizenry, no matter where on the globe. More than any one language, mathematics can be considered a method of communication understood by many peoples, regardless of their cultural diversity.

Laboratory Science

The study of the Sciences furthers the pursuit of intellectual growth by examining all of reality whether it is living or non-living, contemporary or historical, transient or transcendental. The rigorous intellectual nature of Science makes study in this area a particularly effective way to develop the student's capacities for critical thinking and to cultivate the quest for understanding and the desire for truth.

Visual and Performing Arts

The Visual and Performing Arts are systems of communication that teach us about human interaction and creativity in problem solving. They challenge our perception, teach us to sense and interpret the world around us, and bring us pleasure. Appreciation and performance-based classes reveal how non-language-based human expression can both reflect and change the culture from which it springs. They further draw students into explorations of artistic, historical, scientific, philosophical and religious approaches to reality.

Information Literacy

A fundamental, supporting outcome of undergraduate education is a student's ability to understand and to use competently information resources and technologically based tools relevant to the work of today's researcher and scholar. To this end, freshman students will visit the Burke Memorial Library to be introduced to layout, service options and the computer information sources available. Building on this introduction, students in the first-year English composition classes receive bibliographic instruction from library staff. In addition, each major program will identify and incorporate information literacy goals for its graduates.

CORE CURRICULUM FOR BACHELOR OF ARTS DEGREE

This curriculum organizes foundational studies in the core by the modes of understanding in which we would like our students to be grounded as well as by the core curriculum learning outcomes. It scaffolds the core toward an integrative experience at the end and includes overlays that allow students to develop skills and perspectives in a broad range of academic disciplines.

All entering freshmen take one core course in the fall semester designated LEAP.

Skills: (Courses to be taken in first year)	<u>Credit Hours</u>	
LEAP Lab	1	
ENG 121/190	Composition I/Honors Comp & Literature*	3
ENG 123/290	Composition II/Honors Literature*	3
	(1st & 2nd Semester)*	
PHL 101/190	Introductory Logic/Honors Logic	3
THL 101/190	Introduction to Christian Theology/ Honors Theology I	3
MTH		3
Foreign Language (may be delayed to second year)**	0-6	
Total Skills Hours:	16-22	

Foundations I: Understanding the national and global human communities

HIS 110/290	The Global Human Community	3
HIS 213/HIS 214	The American National Community	3
	or	
HIS 120	The American National Community	3
HIS 211/HIS 212	The Global Human Community	3
Total Foundation I Hours:	6	

Foundations II: Understanding nature and the human being through the applications and methodologies of modern science

Natural Science: BIO, CHM or PHY (choose one)	3
Social Science: ECO, POL, SOC or PSY (choose two)	6
Mathematics, Science, CIS, or CSC (choose one)	3
Total Foundations II Hours:	12

Foundations III: Understanding human reality through the creative imagination

Visual and Performing Arts (visual arts, music or theater)	3
ENG 200 level/WRI 276 (choose two)***	6
Total Foundations III Hours:	9

Foundations IV: Engagement with philosophical and theological reflection in the Ignatian tradition

PHL 200/300 level (choose two)	6
THL 200/300 level (choose two)	<u>6</u>
Total Foundation IV Hours:	12
Total Foundation Hours:	39
Total Core Hours:	55-61

Overlay Requirements:

Cultural Diversity (D): 1 course

Writing Across the Curriculum (W): 5 courses, at least one in the major

Ethics (E)/Social Justice (J): 1 course

Oral Communication (O): 2 courses or CMM 150

Integrations (I): 1 course

Community-Based Learning (C):

to be satisfied by a CLIMB course or co-curricular experience

*ENG 121, 123, and 190 are graded A, B, C or NC (no credit) the first time the student takes this course. A student receiving an NC must retake the course, and in this event, the grading system is A, B, C, D and F, but a student must still earn a C- or higher to move on to the next level English course. Students must receive credit for ENG 121 before attempting ENG 123 and must pass both these courses before taking a sophomore-level course. Once students matriculate, they may not take a freshman-level English course at another institution. **If students have an A or B in ENG 121 and ENG 123 (or in ENG 190 for honors students) and in their first 200-level course, they are eligible to take upper-division courses for any additional ENG course work.**

**Students may fulfill this requirement in any one of the following ways:

1. A satisfactory score on the foreign language proficiency/placement test at the intermediate level (202).
2. The successful completion of one course at the low intermediate level (201).
3. The successful completion of one elementary course and one course at the low intermediate level (102-201) in the same language.
4. The successful completion of the two courses at the elementary level (101-102) in the same language.

***Honors options for English core described in this section of the *Bulletin*.

CORE CURRICULUM FOR BACHELOR OF SCIENCE DEGREE

This curriculum organizes foundational studies in the core by the modes of understanding in which we would like our students to be grounded as well as by the core curriculum learning outcomes. It scaffolds the core toward an integrative experience at the end and includes overlays that allow students to develop skills and perspectives in a broad range of academic disciplines.

All entering freshmen take one core course in the fall semester designated LEAP.

Skills: (Courses to be taken in first year)	<u>Credit Hours</u>
LEAP Lab	1
ENG 121/190	Composition I/Honors Comp & Literature*
ENG 123/290	Composition II/Honors Literature*
	(1st & 2nd Semester)*
PHL 101/190	Introductory Logic/Honors Logic
THL 101/190	Introduction to Christian Theology/ Honors Theology I
MTH	3
Foreign Language (may be delayed to second year)**	<u>0-6</u>
Total Skills Hours:	16-22

Foundations I: Understanding the national and global human communities (one course must be taken in history)

HIS 120 or POL 112	The American National Community	3
HIS 110/290 or POL 151/161	The Global Community	3
Total Foundation I Hours:		6

Foundations II: Understanding nature and the human being through the applications and methodologies of modern science

Natural Science: BIO, CHM or PHY (choose one)	3
Social Science: ECO, POL, SOC or PSY (choose one)	3
Mathematics, Science, CIS, or CSC (choose one)	<u>3</u>
Total Foundations II Hours:	9

Foundations III: Understanding human reality through the creative imagination

Visual and Performing Arts (visual arts, music or theater)	3
ENG 200 level or WRI 276	<u>3</u>
Total Foundations III Hours:	6

Foundations IV: Engagement with philosophical and theological reflection in the Ignatian tradition

PHL 200/300 level (choose one)	3
THL 200/300 level (choose one)	<u>3</u>
Total Foundation IV Hours:	6
Total Foundation Hours:	27
Explorations: four to five free electives¹	<u>12</u>
Total Core Hours:	55-61

Overlay Requirements:

Cultural Diversity (D): 1 course

Writing Across the Curriculum (W): 5 courses, at least one in the major

Ethics(E)/Social Justice(J): 1 course

Oral Communication (O): 2 courses or CMM 150

Integrations (I): 1 course

Community-Based Learning (C):

to be satisfied by a CLIMB course or co-curricular experience

*ENG 121, 123, and 190 are graded A, B, C, or NC (no credit) the first time the student takes this course. A student receiving an NC must retake the course, and in this event, the grading system is A, B, C, D and F, but a student must still earn a C- or higher to move on to the next level English course. Students must receive credit for ENG 121 before attempting ENG 123 and must pass both these courses before taking a sophomore-level course. Once students matriculate, they may not take a freshman-level English course at another institution. **If students have an A or B in ENG 121 and ENG 123 (or in ENG 190 for honors students) and in their first 200-level course, they are eligible to take upper-division courses for any additional ENG course work.**

**Students may fulfill this requirement in any one of the following ways:

1. A satisfactory score on the foreign language proficiency/placement test at the intermediate level (202).
2. The successful completion of one course at the low intermediate level (201).
3. The successful completion of one elementary course and one course at the low intermediate level (102-201) in the same language.
4. The successful completion of the two courses at the elementary level (101-102) in the same language.

¹Elective courses must be taken outside of the major and concentration and may not satisfy requirements of the major or concentration. The student may not take more than three free electives in any one division. Students changing majors may count two 100-level courses as free electives; otherwise, free electives must be 200-400 level courses.

CORE CURRICULUM FOR BACHELOR OF SCIENCE DEGREE IN NURSING

This model retains the emphasis on the liberal arts in the Jesuit tradition while recognizing the strict course requirements for a student in the nursing program to attain proficiency in the profession in a period of eight semesters of study. It includes required overlays that allow students to develop skills and perspectives in a broad range of academic disciplines.

All entering freshmen take one core course in the fall semester designated LEAP.

Skills: (Courses to be taken in first year)		<u>Credit Hours</u>
LEAP Lab		1
ENG 121/190	Composition I/Honors Comp & Literature*	3
ENG 123/290	Composition II/Honors Literature*	3
	(1st & 2nd Semester)*	
PHL 101/190	Introductory Logic/Honors Logic	3
THL 101/190	Introduction to Christian Theology/ Honors Theology I	3
MTH 163	Basic Statistics for the Sciences	3
Foreign Language (may be delayed to second year)**		<u>0-6</u>
Total Skills Hours:		16-22

Foundations I: Understanding the national and global human communities Any HIS 100 level, HIS 211-214 or HIS 290

Total Foundations I Hours: 3

Foundations II: Understanding nature and the human being through the applications and methodologies of modern science

		<u>Credit Hours</u>
HSC 136 & 138	Microbiology with Laboratory	4
HSC 231 & 233	Anatomy and Physiology I w/Laboratory	4
HSC 232 & 234	Anatomy and Physiology II w/Laboratory	4
CHM 101	Chemistry and Life Processes	3
PSY 101	General Psychology	3
PSY 204	Developmental Psychology	3
PSY 225	Abnormal Psychology	3
SOC 101	Introduction to Sociology	3
Total Foundation II Hours:		27

Foundations III: Understanding human reality through the creative imagination Visual and Performing Arts (visual arts, music or theater)

Visual and Performing Arts	3
ENG 200 or WRI 276	<u>3</u>
Total Foundations III Hours:	6

Foundations IV: Engagement with philosophical and theological reflection in the Ignatian tradition

PHL 318	Christian Medical Ethics	3
THL 200/300 level		<u>3</u>
Total Foundations IV Hours:		6
Total Prerequisites and Core Curriculum Credit Hours		58-64

Overlay Requirements:

Cultural Diversity (D): 1 course

Writing Across the Curriculum (W): 4 courses, at least one in the major

Ethics(E)/Social Justice(J): 1 course

Oral Communication (O): 2 courses or CMM 150

Integrations (I): 1 course

Community-Based Learning (C):

to be satisfied by a CLIMB course or co-curricular experience

*ENG 121, 123, and 190 are graded A, B, C, or NC (no credit) the first time the student takes this course. A student receiving an NC must retake the course, and in this event, the grading system is A, B, C, D and F, but a student must still earn a C- or higher to move on to the next level English course. Students must receive credit for ENG 121 before attempting ENG 123 and must pass both these courses before taking a sophomore-level course. Once students matriculate, they may not take a freshman-level English course at another institution. **If students have an A or B in ENG 121 and ENG 123 (or in ENG 190 for honors students) and in their first 200-level course, they are eligible to take upper-division courses for any additional ENG course work.**

**Students may fulfill this requirement in any one of the following ways:

1. A satisfactory score on the foreign language proficiency/placement test at the intermediate level (202).
2. The successful completion of one course at the low intermediate level (201).
3. The successful completion of one elementary course and one course at the low intermediate level (102-201 in the same language).

4. The successful completion of the two courses at the elementary level (101-102 or 107-108) in the same language.

CORE CURRICULUM FOR BACHELOR OF SCIENCE MAJORS IN EDUCATION

This model retains the emphasis on the liberal arts in the Jesuit tradition while recognizing the requirements for students in pre-professional studies to take a heavier and more structured course load in their majors. It includes overlays that allow students to develop skills and perspectives in a broad range of academic disciplines.

All entering freshmen take one core course in the fall semester designated LEAP.

Skills: (Courses to be taken in first year) Credit Hours

LEAP Lab		1
ENG 121/190	Composition I/Honors Comp & Literature*	3
ENG 123/290	Composition II/Honors Literature* (1st & 2nd Semester)*	3
PHL 101/190	Introductory Logic/Honors Logic	3
THL 101/190	Introduction to Christian Theology/ Honors Theology I	3
MTH		3
Foreign Language (may be delayed to second year)**		0-6
Total Skills Hours:		16-22

Foundations I: Understanding the national and global human communities

Any HIS 100 or 200 level course	3
Total Foundation I Hours:	3

Foundations II: Understanding nature and the human being through the applications and methodologies of modern science

Natural Science: BIO, CHM or PHY (choose one)	3
Social Science: ECO, POL, SOC or PSY (choose one)	3
Total Foundations II Hours:	6

Foundations III: Understanding human reality through the creative imagination

Visual and Performing Arts (visual arts, music or theater)	3
ENG 200 level or WRI 276	3
Total Foundations III Hours:	6

Foundations IV: Engagement with philosophical and theological reflection in the Ignatian tradition

EDU 401	Philosophy of Education	3
THL 200/300 level		<u>3</u>
	Total Foundation IV Hours:	6
	Total Foundation Hours:	21
	Total Core Hours:	37-43

Overlay Requirements:

Cultural Diversity (D): 1 course

Writing Across the Curriculum (W): 5 courses, at least one in the major

Ethics (E)/Social Justice (J): 1 course

Oral Communication (O): 2 courses or CMM 150

Integrations (I): 1 course

Community-Based Learning (C):

to be satisfied by a CLIMB course or co-curricular experience

*ENG 121, 123, and 190 are graded A, B, C or NC (no credit) the first time the student takes this course. A student receiving an NC must retake the course, and in this event, the grading system is A, B, C, D and F, but a student must still earn a C- or higher to move on to the next level English course. Students must receive credit for ENG 121 before attempting ENG 123 and must pass both these courses before taking a sophomore-level course. Once students matriculate, they may not take a freshman-level English course at another institution. **If students have an A or B in ENG 121 and ENG 123 (or in ENG 190 for honors students) and in their first 200-level course, they are eligible to take upper-division courses for any additional ENG course work.**

**Students may fulfill this requirement in any one of the following ways:

1. A satisfactory score on the foreign language proficiency/placement test at the intermediate level (202).
2. The successful completion of one course at the low intermediate level (201).
3. The successful completion of one elementary course and one course at the low intermediate level (102-201) in the same language.
4. The successful completion of the two courses at the elementary level (101-102) in the same language.

***Honors options for English core described in this section of the *Bulletin*.

CORE CURRICULUM REQUIREMENTS FOR TRANSFER STUDENTS

Transfer students seeking a bachelor's degree are expected to fulfill all core curriculum and cross-curricular requirements, with the following exceptions:

1. For every year as a full-time student at Spring Hill College, there is a requirement of one philosophy and one theology course with a minimum of two (maximum of three courses) in each department;
2. Transfer students who begin their studies at Spring Hill as sophomores must pass three writing-enriched courses and four out of five additional overlay courses.
3. Transfer students who begin their studies at Spring Hill as juniors must pass two writing-enriched courses and three out of five additional overlay courses.
4. Transfer students who begin their studies at Spring Hill as seniors must take one writing-enriched course and two out of five additional overlay courses.

This policy applies only to students transferring to Spring Hill College from another college or university. It does not apply to newly matriculating freshmen or to students who have previously been enrolled, withdrawn, and subsequently been readmitted to Spring Hill, regardless of whether they attended another institution in the interim.

DIVISION OF BUSINESS

Division Chair/Program Director: Samir Khoury, PhD

The Division of Business seeks to prepare students for successful leadership positions in small and large businesses in the private sector and in public and nonprofit organizations. We intend to provide professional business education in an environment of respect for the importance of both Jesuit ideals and liberal arts education. We view the core curriculum and the business curriculum as complementary parts of the Spring Hill educational experience.

The Division of Business offers a Bachelor of Science (BS) degree in business administration with concentrations in the following areas: accounting, business analytics, financial economics, computer information systems, international business, management and marketing, health care management, supply chain management and sports management. The lower- and upper-division business requirements impart to all students a broad-based principles-level exposure to each of the functional areas, after which each student selects one area as a concentration for more in-depth study. The faculty believes that the business sector of American society is a vital set of institutions and that, consistent with the Jesuit ideals of the College, our students should be prepared to make a positive contribution to these institutions and to society in general. Accordingly, business concentrations aim to impart knowledge in accordance with liberal arts ideals and to communicate to students' appropriate principles of ethical professional and social behavior.

REQUIREMENTS

Students in all BS degree programs in the Division of Business must complete a set of lower-division requirements, a set of upper-division requirements and an area of concentration. All concentrations have the same lower- and upper-level core body of knowledge requirements.

For all BS degree concentrations, the common set of required courses is:

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

LOWER-DIVISION

Course	Title	Credit Hours
ECO 101	Principles of Macroeconomics	3
ECO 102	Principles of Microeconomics	3
CIS 115	Applications in Computer Information Systems	3
ACC 201 & 202	Principles of Accounting I and II	6
BUS 263 & 264	Business Statistics and Management Science	6
MTH 111 or 121	Pre-calculus or Calculus I	3-4
BUS 210	Business Communication	3
BUS 220	Business, Society and Sustainability	3

UPPER DIVISION

Course	Title	Credit Hours
BUS 301	Business Law I	3
MGT 301	Management Principles	3
MKT 311	Marketing Principles	3
FIN 301	Financial Management	3
CIS 381 ¹	Information Systems	3
BUS 320 or ACC 402 ²	International Business or International Accounting (3)	3
PHL 313	Business Ethics	3
BUS 499	Business Strategy and Policy (comprehensive experience)	3

¹Accounting concentrations should register for this course as ACC 381.

²Accounting concentrations should register for ACC 402.

Social Sciences:

One non-economics social science course must be taken from a discipline among sociology, political science or psychology.

Mathematics:

MTH 111 Pre-calculus should be taken to meet core requirements. If a sufficiently high score on the college mathematics placement examination is achieved, MTH 121 can be used to satisfy the core requirement.

Comprehensive Experience:

All Spring Hill College students are required to have some synthesizing experience in their major field. To fulfill this requirement, all undergraduate business students take BUS 499 Business Strategy and Policy for their comprehensive experience.

Senior ETS Examination:

A significant part of the student's senior year comprehensive experience is the completion of the National ETS Business Examination. The exam is administered during the spring semester and completion of the exam is a requirement for graduating with a Bachelor of Science in Business Administration. The results from the ETS exam provide the Business Division with invaluable assessment data.

Grade Requirements:

A grade of C- or better is required in all business courses in order to have the course counted as part of the lower-level, upper-level or concentration requirements. A student receiving a grade below C- in any of these courses must repeat the course until the required grade is achieved. This requirement also applies to business courses fulfilling college core requirements (CIS 115, ECO 101, ECO 102, PHL 313).

Writing Enhanced Courses:

Students can expect extensive writing assignments in essentially all upper-division business courses and in some lower-division business courses. Assignments will be evaluated not only on subject content but on grammar and style as well. Four courses are specifically designated as "Writing Enhanced" (designated by "W" after the course title in the course description list) in accordance with the College's Writing Across the Curriculum initiative. These courses are BUS 210 Business Communication, BUS 499 Business Strategy and Policy, FIN 321 Money and Capital Markets and CIS 403 Operating Systems, MKT 364 Media Planning and Measurement, MKT 366 Strategic Planning PR/Advertising, and MKT472 Student Agency.

Oral Communication Competency:

All students must show competency in oral communication. A student must document such competency by making a grade of C- or better in BUS 210 Business Communication.

ACCOUNTING (ACC)

Spring Hill College offers an accounting concentration and a minor in accounting. The accounting concentration is designed for students interested in a solid accounting background who do not wish to become a Certified Public Accountant (CPA) or who desire to take additional courses at other institutions to fulfill educational requirements of becoming a CPA. Students pursuing the non- CPA path might consider careers in corporate accounting departments, taxation, banking or many other areas. The program gives the student a firm background that includes mathematical and statistical analysis essential to understanding the technological developments in modern management. The specialized instruction, together with that provided by the liberal arts courses included in the program, is intended to give the student a foundation suitable for leadership positions in industry, commerce or institutional management.

ACCOUNTING

Course	Title	Credit Hours
ACC 301 & 302	Intermediate Accounting I and II	6
ACC 331	Management Cost Analysis	3
ACC 351	Federal Income Tax	3
ACC 401	Advanced Financial Accounting	3
ACC 481	Auditing	3

MINOR IN ACCOUNTING

Course	Title	Credit Hours
ECO 101	Principles of Macroeconomics	3
ACC 201 & 202	Principles of Accounting I and II	6
BUS 263	Business Statistics	3
ACC 301 & 302	Intermediate Accounting I and II	6
ACC 331	Management Cost Analysis	3
ACC 351	Federal Income Tax	3

LOWER-DIVISION COURSES

ACC 201. Principles of Accounting I (3) A study of accounting principles and concepts related to the preparation of financial statements and communication of economic information to management and other interested parties.

ACC 202. Principles of Accounting II (3) A continuation of the study of financial accounting emphasizing corporate accounting. Payroll accounting, cash flow management and financial statement analysis will be covered for all forms of the business organization. In addition, management accounting and management's use of accounting data will be studied.
Prerequisite ACC 201.

UPPER-DIVISION COURSES

ACC 301. Intermediate Accounting I (3) Financial accounting and reporting related to the development of accounting standards; financial statements; cash; receivables; inventory; property, plant and equipment; and intangibles. Prerequisite: ACC 202.

ACC 302. Intermediate Accounting II (3) Financial accounting and reporting related to liabilities, investments, revenue recognition, stockholders' equity, income taxes, dilutive securities, cash flows and pensions and leases. Prerequisite: Grade of C- or better in ACC 301.

ACC 331. Management Cost Analysis (3) A study of process costs, standard costs, distribution costs and budgeting. Emphasis is on managerial uses of accounting information for decision-making, planning, and control. Prerequisite: ACC 202.

ACC 351. Federal Income Tax (3) A study of federal income tax law, with emphasis on individual income tax problems. Prerequisite: ACC 202.

ACC 381. Information Systems (3) An intensive study of the effective application of computers to the solution of business, accounting, finance and economic problems. Basic systems analysis concepts and techniques used in data processing are covered. Prerequisites: CIS 115 and ACC 202.

ACC 401. Advanced Financial Accounting (3) Advanced topics in financial accounting including partnerships, business combinations (basic), fund accounting (basic), bankruptcy, not-for-profit accounting, estates/trusts, troubled debt restructurings, SEC accounting and financial instruments. Prerequisite: ACC 302.

ACC 402. International Accounting (3) (D) A study of the international accounting environment including business combinations, foreign currency transactions, branch accounting, financial instruments, segment reporting, translation of foreign financial statements, futures contracts and derivative assets. Prerequisite: ACC 401.

ACC 481. Auditing (3) The theory and practice of auditing and supplemental readings; comprehensive treatment of internal control and the ethics of auditing. Prerequisite: ACC 302.

ACC 490. Independent Study (1 to 6 credits, to be arranged) Special work not covered in required courses; accounting for specific industries, controllership problems and others selected by the students with approval of the staff. Periodic conferences, bibliography report and final examination required. Prerequisite: permission of instructor.

BUSINESS ADMINISTRATION (BUS)

The following courses are offered as components of the upper- and lower-level business requirements and/or as service courses to non-business majors.

LOWER-DIVISION COURSES

BUS 210. Business Communication (3) (W) This course will develop and enhance written and oral communication skills with particular attention to the skills required for successful communication in the business firm. The course is designed to assist students in developing their skills in interpersonal communication, public speaking, and effective business writing. (Bibliographic instruction course. Writing enhanced course.) Prerequisites: ENG 123 and at least one sophomore-level English course.

BUS 220. Business, Society, and Sustainability (3) An introduction to the role of business in society highlighting the importance of Ignatian business and leadership principles and global business citizenship. Students will also study the traditional business disciplines of accounting, finance, economics, information technology, marketing, management and business ethics and strategy. Moreover, this course will have a service-learning component.

BUS 263. Business Statistics (3) An analysis of organizing and summarizing data, probability concepts, probability distributions, statistical inference (estimation and hypothesis testing), Chi-square analysis, regression and non-parametric analysis. Prerequisite: MTH 111 and CIS 115.

BUS 264. Management Science (3) An introduction to a broad range of topics in the field of management science including: decision theory, linear programming, non-linear and dynamic programming, transportation and assignment models, network models (PERT-CPM), Markov chains, game theory, inventory models, queuing theory and simulation models. Prerequisite: BUS 263.

UPPER-DIVISION COURSES

BUS 301. Business Law I (3) This course will give an introduction into many areas of the law, including contracts, torts, criminal law, civil procedure, corporate law, property, the court system and all areas of employment law. Practical application of such law will be heavily emphasized.

BUS 302. Business Law II (3) This course will cover many advanced areas of the law, including domestic and international sales and lease contracts, negotiable instruments, creditors' rights, secured transactions, bankruptcy, agency, business organizations and labor and employment relations. Prerequisite: BUS 301.

BUS 320. International Business (3) (D) An overview of business in an international environment, incorporating economic, management, marketing and financial implications of international transactions. Topics include exchange rates, trade policy, international institutions, global theory and cultural aspects of business.

BAN 363. Essentials of Business Analytics (3) This course provides coverage over the full range of business analytics – descriptive, predictive and prescriptive.

BUS 376. Intercultural Communication (3) (D) Develops an understanding of the communication process in the context of cultural plurality. Students explore how meaning is formed within cultural frameworks and examine contemporary social phenomena, such as diversity, multiculturalism, transnational media and worldwide popular culture. Cross-listed as CMM 376.

BUS 395. Pre-Professional Development (1) Introduction to professions within business. Course includes internship preparation, resume development, networking fundamentals and featured presentations from business professionals. Permission of instructor recommended to complete this course prior to enrollment in BUS 496 Fee: \$10.

BUS 490. Independent Study in Business Administration (credit to be assigned) Readings, research, and reports in various fields of business administration. Prerequisite: permission of instructor.

BUS 496. Business Internship (1-3) Under the supervision of the Division of Business Internship Coordinator and an experienced business professional (Internship Site Supervisor). The internship is a pre-arranged, credit-bearing work experience that allows a student to achieve learning objectives that are aligned with the goals of a supervising professional or organization. Internships provide opportunities to explore career options, test career choices and encourage the development of skills within a chosen field. An internship allows students to relate classroom theory and concepts with practical job experience as well as develop new skills that will be transferable to future employers. Variable credit (up to 3 hours per semester); may be repeated for up to six credit hours. Fee: \$10.

BUS 499. Business Strategy and Policy (3) (W) A capstone course in top management strategy and policy formulation. Actual cases are used as a basis for discussions and preparation of reports which call for executive decision-making. The course builds upon and integrates the core subjects in the business curriculum, including the topic of sustainability. This is the comprehensive experience for all business majors and must be taken in the senior year of study. (Writing enhanced course.)

BUSINESS ANALYTICS

The Division of Business at Spring Hill College offers a concentration and a minor in Business Analytics. Data analytics refers to the quantitative and qualitative techniques and processes utilized to enhance productivity and business gain. Students in this concentration will learn how data are extracted and categorized to identify and analyze behavioral data and patterns. This concentration provides students with a skillset that will become increasingly valuable to businesses in both the for-profit and non-profit sectors.

BUSINESS ANALYTICS

Course	Title	Credit Hours
BAN 363	Essentials of Business Analytics	3
BAN 463	Advanced Business Analytics	3
CIS 382	Database Management Systems	3
ECO 301 or MKT 422	Managerial Economics or Marketing Research	3
<i>Choose two from the following:</i>		6
CIS 371	Website Development	
FIN 410	Investments	
MKT 364	Media Planning and Measurement	

MINOR IN BUSINESS ANALYTICS

Course	Title	Credit Hours
BUS 263*	Business Statistics	3
BUS 264	Management Science	3
BAN 363	Essentials of Business Analytics	3
CIS 381	Information Systems	3
CIS 382	Database Management Systems	3
ECO 301	Managerial Economics	3
MKT 422**	Marketing Research	3

*MTH 163 Basic Statistics for the Sciences or PSY 263 Statistics for the Social Sciences will satisfy this statistics requirement.

**CMM 335 Communications Research, MTH 465 Problem Solving in the Actuarial Sciences, or PSY 350 Research Methods will satisfy this Research requirement.

UPPER DIVISION COURSES

BAN 363. Essentials of Business Analytics (3) This course provides coverage over the full range of business analytics - descriptive, predictive and prescriptive.

BAN 463. Advanced Business Analytics (3) This course provides the foundation for big data analysis, modeling, and spreadsheet usage. Students will learn several analytical methods that are proven useful in business decision making. Prerequisites: BAN 363.

COMPUTER INFORMATION SYSTEMS (CIS)

The objective of the concentration in computer information systems is to equip students with the skills and knowledge needed to allow them to work in organizations that have diverse information processing needs or to found businesses of their own, utilizing the knowledge gained in the concentration and in the overall Business curriculum.

In addition to completing the common core of business classes, students choosing CIS will study e-commerce, systems analysis and design, database tools and concepts, networking and other key information processing areas. The senior integrating course in CIS is CIS 484 Systems Analysis and Design. The course requires the student to synthesize the concepts and knowledge gained in all the courses in the concentration and, utilizing this knowledge, participate in a substantial group project. The CIS concentration is particularly designed to prepare students for careers in computer and management information departments of firms and other organizations and for additional graduate study in information systems or business. In conjunction with the entire Business curriculum, students are also trained in the fundamentals of new business creation.

COMPUTER INFORMATION SYSTEMS

Course	Title	Credit Hours
CIS 115	Applications in Computer Information Systems (part of Business Division Core)	3
CIS 221	Introduction to Object-Oriented Programming	3
CIS 322	Advanced Object-Oriented Programming	3
CIS 381	Information Systems (part of Business Division Core)	3
CIS 403	Operating Systems	3
CIS 484	Systems Analysis and Design	3
<i>Choose two from the following:</i>		6
CIS 371	Website Development	
CIS 382	Database Management Systems	
CIS 470	e-Commerce	
CIS 486	Digital Communications and Networks	
CIS 495	Special Topics in Computer Information Systems	

MINOR IN COMPUTER INFORMATION SYSTEMS

Course	Title	Credit Hours
CIS 115	Applications in Computer Information Systems (part of Business Division Core)	3
CIS 221	Introduction to Object-Oriented Programming	3
MGT 301	Management Principles	3
CIS 381	Information Systems (part of Business Division Core)	3
CIS 484	Systems Analysis and Design	3

<i>Choose two from the following:</i>	6
CIS 322	Advanced Object-Oriented Programming
CIS 371	Website Development
CIS 382	Database Management Systems
CIS 403	Operating Systems
CIS 470	e-Commerce
CIS 486	Digital Communications and Networks
CIS 495	Special Topics in Computer Information Systems

MINOR IN COMPUTER INFORMATION SYSTEMS FOR NON-BUSINESS MAJORS

Course	Title	Credit Hours
CIS 221	Introduction to Object-Oriented Programming	3
CIS 322	Advanced Object-Oriented Programming	3
CIS 403	Operating Systems	3
CIS 484	Systems Analysis and Design	3
<i>Choose two from the following:</i>		6
CIS 371	Website Development	
CIS 381	Information Systems	
CIS 486	Digital Communications and Networks	

LOWER-DIVISION COURSES

CIS 115. Applications in Computer Information Systems (3) An introduction to the Windows-based applications used for solving business and non-business problems. Emphasis is placed on spreadsheets using Excel, word processing using Word, presentation design using PowerPoint and database design using Access. Substantial Windows lab work will be required. Ethical issues in computer applications are addressed.

CIS 221. Introduction to Object-Oriented Programming (3) An introduction to the design and implementation of algorithmic solutions to problems using an object-oriented programming language such as JAVA. Problem solving methods include: modularity, reliability, testing strategies, documentation standards, encapsulation and abstraction. Prerequisite: MTH 111 or equivalent.

UPPER-DIVISION COURSES

CIS 322. Advanced Object-Oriented Programming (3) The course introduces the student to programming and complex data structures in an object-oriented paradigm. Topics include event-driven programming, advanced data structures and problem-solving techniques using an object-oriented approach in a language such as JAVA or C++. Prerequisites: MTH 111 or equivalent and CIS 221.

CIS 371. Website Development (3) A course designed to introduce the student to website development incorporating data technology. Technologies used to create dynamic data-driven web pages will include Dreamweaver, PHP, MySQL, XHTML and CSS. In addition, the student will

learn to interact with and manage a website on a remote server. Substantial lab work will be expected. Cross-listed as ART 371.

CIS 381. Information Systems (3) An intensive study of the effective application of database design, development and management functions in businesses. Database projects in Access database software and investigation of e-commerce techniques will be covered. Ethical and policy issues related to database development and e-commerce (data mining, data retrieval, World Wide Web, privacy issues, etc.) will be discussed. Prerequisites: CIS 115 and junior standing.

CIS 382. Database Management Systems (3) Structure, management and design of databases including hierarchical, network and relational database models. Students will utilize Microsoft Access to develop a complex and complete database application. Prerequisite: CIS 381 or consent of the instructor.

CIS 403. Operating Systems (3) (W) An introduction to computer architecture concepts and an in-depth study of the fundamentals of operating systems. Topics include memory management, CPU scheduling, concurrency, and security issues. Students will be required to demonstrate mastery of operating systems concepts by researching and presenting how the topics studied are implemented in a specific operating system. Prerequisite: CIS 221.

CIS 470. e-Commerce (3) The course covers the business and technological aspects of business-to-business and business-to-consumer commerce on the Internet. The student will design, construct and present a web business using one of several web page design packages available. Prerequisites: CIS 115 and CIS 381. MKT 311 highly recommended.

CIS 484. Systems Analysis and Design (3) Designated as the senior integrating course within the CIS concentration. Students will be expected to have completed most of their CIS requirements prior to taking this course. The course will involve a study of the methods of analysis, design and implementation of computer-based information systems. Design of files, user interface, database operation and the organizational structure of a system will be emphasized. A major project involving all the primary components of CIS will be a significant portion of the course. Prerequisites: CIS 381 and senior standing.

CIS 486. Digital Communications and Networks (3) Design of communication systems and components, including modems, multiplexers, switching and routing equipment, transmission protocols and network topologies. Students will consider different networking technologies from the vantage point of business policy and technical implications. Prerequisite: CIS 381.

CIS 495. Special Topics in Computer Information Systems (3) A course designed to address topics of special interest to CIS students. Possible areas include neural networks, Oracle database programming and modeling and simulation. Permission of discipline director.

FINANCIAL ECONOMICS (FIN AND ECO)

Spring Hill College offers a concentration in financial economics and a minor in finance. The financial economics concentration is designed for students considering a career in financial services, such as banking, investment, insurance and advisory services. The program gives the student a solid background in economic foundations and its relation to the financial environment of business. Specific knowledge is taught in optimal decision making, managerial economics and finance with emphasis on the statistical and financial analysis necessary to understand the continuously changing field of finance.

Financial accounting plays a significant role in many career paths in the financial services industry. Students in the financial economics concentration wishing to explore accounting beyond the two introductory courses are encouraged to complete a minor in accounting. The financial economics concentration, coupled with a minor in accounting, will help prepare students for careers in investment banking and certification exams like the CFA (Certified Financial Analyst) and the CFP (Certified Financial Planner). Students planning to attend graduate programs in finance or economics are urged to take MTH 121 Calculus I and MTH 122 Calculus II.

FINANCIAL ECONOMICS

Course	Title	Credit Hours
ECO 301	Managerial Economics	3
BAN 363	Essentials of Business Analytics	3
FIN 321	Money and Capital Markets	3
FIN 410	Investments	3
<i>Choose two upper-division electives:</i>		6
ECO434	International Trade and Finance	
ACC 331	Management Cost Analysis	
Or Other approved business-related course at the 300/400 level		

MINOR IN FINANCE

Course	Title	Credit Hours
ACC 201 & 202	Principles of Accounting I and II	6
ECO 102	Principles of Microeconomics	3
BUS 263	Business Statistics	3
FIN 301	Financial Management	3
FIN 321	Money and Capital Markets	3
<i>Choose two from the following:</i>		6
ACC 331	Management Cost Accounting	
ECO 434	International Trade and Finance	
FIN 410	Investments	
FIN 495	Special Topics in Financial Economics	

Students majoring in business administration with a concentration in Financial Economics may not receive a minor in Finance.

LOWER-DIVISION (ECO) COURSES

ECO 101. Principles of Macroeconomics (3) An introduction to the nature and scope of economics. Emphasis is placed upon macroeconomic aspects of the study of economics. Topics include: supply and demand analysis, inflation, unemployment, aggregate output, economic growth and money and banking. Monetary and fiscal policy options are emphasized.

ECO 102. Principles of Microeconomics (3) An introduction to economics with primary emphasis on microeconomic aspects of the United States economy, such as: supply and demand, profit maximization, market structure, factor markets, public policies toward business and some current economic problems.

ECO 290. Honors Economics (3) (W) An in-depth examination of a subfield of economics. The course is writing intensive. The specific subject may vary depending on interests of the individual instructor. Prerequisite: Honors standing or permission of instructor.

UPPER-DIVISION (ECO) COURSES

ECO 301. Managerial Economics (3) Theory of demand and value, pricing, production, resource allocation and general equilibrium. Prerequisites: ECO 101, 102, and BUS 263.

ECO 434. International Trade and Finance (3) A study of theories and issues underlying international trade and finance. Topics include sources of comparative advantage, tariff and nontariff barriers and multilateral institutions. Students will also study balance of payments, exchange rates and the impact of government policy. Prerequisites: ECO 101 and 102, FIN 301 and BUS 320.

UPPER-DIVISION (FIN) COURSES

FIN 301. Financial Management (3) Introduction to the concepts and techniques of financial management within a business organization. Topics include the financial marketplace in which business decisions are made, valuation, forecasting, capital budgeting, financing decisions, and working capital management. Prerequisites: ACC 202, BUS 263, ECO 101, and ECO 102.

FIN 310. Financial Planning (3) This course provides a comprehensive examination of the entire financial planning process. Specific areas covered include the budget process, managing money, managing credit, tax planning, insurance, risk management, personal investing, investment planning, retirement planning and estate planning.

FIN 321. Money and Capital Markets (3) (W) A study of the operations and roles of the major participants in the financial system and the factors influencing them. Topics include: financial institutions, central banking, monetary policy, interest rates, financial markets, financial innovation and regulatory reform. Prerequisites: ECO 101 and 102.

FIN 401. Intermediate Financial Management (3) Application of analytical tools and theory to financial decision-making in the firm. Topics include expanded study of material in FIN 301 Financial Management and other special topics such as mergers and international finance. Student practice in applications is accomplished through case studies using microcomputer spreadsheet analysis and/or computer simulation programs. Prerequisites: FIN 301.

FIN 410. Investments (3) The course will examine such investment alternatives as stocks, bonds, options and various specialized investment alternatives. The importance of both fundamental

and technical analysis will be explored. There will be a strong emphasis on evaluating appropriate risk-return trade-offs and the implications of modern portfolio theory. Prerequisite: FIN 301 or permission of instructor.

FIN 495. Special Topics in Financial Economics (3) A course designed to address topics of special interest to financial economics students. Possible areas include retirement planning, development issues and history of economic thought. Prerequisite: FIN 301 and permission of instructor.

HEALTH CARE MANAGEMENT (HCM)

Spring Hill College offers a concentration in Health Care Management, and a minor in Health Care Management (HCM). The HCM concentration is designed to prepare students for various careers in the health care industry, which is one of the most significant industries in the US economy. Employment opportunities include positions with hospitals, public health programs, pharmaceutical companies, medical laboratories, nursing facilities, surgical facilities and health education and training companies. The concentration will also prepare students to enter graduate or professional school (MBA, MPH, MHCM).

Undergraduates in the HCM concentration become better prepared to join the health care industry. In addition to the College core requirements required of all Spring Hill College graduates, students in HCM will complete the lower-division and upper-division core body of knowledge requirements for the BS in Business Administration then move on to complete the 18-hour concentration in HCM. This concentration builds on business foundational courses to provide the student with a tighter focus of management in the health care setting.

HEALTH CARE MANAGEMENT

Course	Title	Credit Hours
HCM 301	Foundations of Health Care Management	3
SCM 401	Principles of Logistics and Supply Chain Management	3
CIS 382	Database Management Systems	3
HCM 450	The Business of Health Care: Strategy and Management	3
	Two additional upper-division electives chosen from HCM, MGT, MKT, approved BUS 496 internship or other course approved by the Business Division Chair.	6

MINOR IN HEALTH CARE MANAGEMENT

Course	Title	Credit Hours
CIS 115	Applications in CIS	3
ECO 102	Principles of Microeconomics	3
ACC 201 & 202	Principles of Accounting I and II	6
PHL 313 or PHL 311	Business Ethics <i>or</i> Bioethics	3
HCM 301	Foundations in Health Care Management	3
SCM 401	Principles of Logistics and Supply Chain Management	3
CIS 381	Information Systems	3
HCM 450	The Business of Health Care: Strategy and Management	3

UPPER-DIVISION COURSES

HCM 301. Foundations of Health Care Management (3) Management concepts in context of health care organizations and the external environment; planning and goal setting; decision-making and problem solving; personnel selection; performance appraisal; and risk management. Prerequisites: MGT 301, or permission of instructor.

HCM 311. Health Care Legal and Regulatory Environment (3) This course covers principles of law and the U.S. legal system as applied in health care organizations; documentation, privacy, security, and release of information; liability, consent, and malpractice; and social and ethical issues encountered in trying to balance the interests, needs and rights of individual citizens against those of society. Prerequisites: BUS 301 (Business Law).

HCM 450. The Business of Health Care: Strategy and Management (3) An overview of the business of health, emphasis on evaluating the challenges facing health care organizations using competitive analysis, identify their past responses, and explore the current strategies they are using to manage these challenges (and emerging ones) more effectively. Prerequisites: MGT 301, MKT 311, FIN 301.

HCM 495. Special Topics in Health Care Management (3) Course designed to address topics of special interest in health care management and administration; possible topics include long-term and senior care; ethical issues in health care; health care information technology; health care policy and reform. Prerequisites: HCM 301 and permission of instructor.

INTERNATIONAL BUSINESS

The objective of the international business concentration is to provide the student with a sound background in business administration combined with specialized courses in international business, economics and political science.

The program is designed to prepare students for employment in business firms that operate internationally or for graduate studies in international business and/ or relations. Students are encouraged to take a history course with an international orientation as a core requirement. Many students choose to take a career development internship with an international focus.

INTERNATIONAL BUSINESS

Course	Title	Credit Hours
POL 151 or POL 161 ¹	Introduction to Comparative Politics or Introduction to International Relations	3
LAN 201 & 202	Intermediate Foreign Language	6
ECO 434	International Trade and Finance	3
MKT 495	International Marketing	3
<i>Choose two from the following:</i>		6
BUS 376	Intercultural Communication	
BUS 3XX or 4XX	Business Electives	
BUS 496	Business Internship (1-3 credits)	

¹Either class can be used to partially fulfill the College's History core requirement. HIS 120 should be taken to complete the History core requirement.

Students may use LAN 101 or 102 (second language) in a study abroad program (e.g., Spring Hill College Italy Center) in place of courses BUS 496 or BUS 376 or approved upper-division business course. It may be three or six hours, depending on whether LAN 102 is taken. American Sign Language does not satisfy the foreign language requirements of this concentration.

It is recommended that the student choose one of the following to satisfy the Theology core requirement:

- THL 261 World Religions
- THL 345 Religion and Culture
- THL 354 Religion and International Politics

Students are strongly encouraged to study at the Spring Hill College Italy Center for one semester, do an internship at a firm doing business abroad and participate in a spring break immersion trip.

MANAGEMENT AND MARKETING (MGT AND MKT)

The objective of the management and marketing concentration is to provide the student with an understanding of many of the various aspects of modern organization management and marketing practices. Specific knowledge is taught in the areas of organizational behavior, human resources management, marketing research, and marketing management. Students completing this program can reasonably expect to find employment in businesses or organizations where they will apply and expand the skills developed in the classroom or continue study at the graduate level.

MANAGEMENT AND MARKETING

Course	Title	Credit Hours
MGT 320	Organizational Behavior	3
SCM 401	Principles of Logistics and Supply Chain Management	3
MKT 422	Marketing Research	3
MKT 450	Marketing Management	3
Two additional upper-division electives chosen from MGT or MKT or approved internship or another course approved by the Business Division Chair		6

MINOR IN MANAGEMENT AND MARKETING

Course	Title	Credit Hours
BUS 263	Business Statistics	3
BUS 264	Management Science	3
CIS 381	Information Systems	3
MGT 301	Management Principles	3
MGT 320	Organizational Behavior	3
MKT 311	Marketing Principles	3
MKT 422	Marketing Research	3

UPPER-DIVISION COURSES IN MANAGEMENT

MGT 301. Management Principles (3) A study of the nature and principles of management. An integrated approach to the study of principles is taken through consideration of the functional, behavioral and management science schools of thought. Prerequisites: ECO 101 and 102, and ACC 201, or permission of instructor.

MGT 320. Organizational Behavior (3) This course involves the study of individual and group behavior within organizations including motivation, leadership and communication theory. Prerequisite: MGT 301.

MGT 330. Industrial/Organizational Psychology (3) This course offers an introduction to the application of psychological principles and theories to the workplace. Topics include worker attitudes, stress in the workplace, job analysis, training, selection, and performance, as well as organizational development, structure and culture. There will be a strong

application/experiential learning component to this class. Prerequisites: PSY 101 and advanced standing or permission of instructor. Cross-listed as PSY 330.

MGT 351. Entrepreneurship and Small Business Management (3) A course in the opportunities and challenges associated with starting, owning and managing "new" and "small" businesses. Emphasis will be placed on entrepreneurial activities; legal constraints and advantages for small businesses; and the particular marketing, management, administrative and financial issues related to small businesses. The intent is to provide students the information they need to turn inspiration and dedication into successful businesses. Prerequisite: MGT 301 or permission of instructor.

MGT 495. Special Topics in Management (3) A course designed to address topics of special interest to management students. Possible areas include labor relations, leadership and research methods. Prerequisites: MGT 301 and permission of instructor.

UPPER DIVISION COURSES IN MARKETING

MKT 311. Marketing Principles (3) A basic study of principles and policy for marketing decisions concerning the distribution of goods and services in both the profit and not-for-profit sectors. Special attention is given to formulation of policies and strategies as they relate to products, price, promotion, and distribution channels within the internal and external environment of the business. Prerequisites: ECO 101 and 102, and ACC 201, or permission of instructor.

MKT 364. Media Planning and Measurement (3) Study of the selection and evaluation of media to meet the goals, objectives, strategies and tactics of a promotional plan. A survey of media planning principles, scheduling and buying as well as measurement principles and evaluation, including web analytics. Prerequisite: MKT 311 or CMM 220 or permission of instructor. Cross-listed as CMM 364. Lab Fee: Curriculum.

MKT 365. Strategic Writing (3) (W) A comprehensive writing course which builds upon CMM 251 and is designed to develop professional writing skills for advertising and public relations practitioners including the mechanics, form and style of public relations and business writing as well as advertising copywriting. Students produce written materials for a local nonprofit client. Prerequisite: CMM 251 or BUS 210 or permission of instructor. Also cross-listed as CMM and WRI 365.

MKT 366. Strategic Planning for PR and Advertising (3) (W) A comprehensive planning course covering the mechanics of strategic planning through the development of multiple types of plans (crisis, promotional, creative, etc.) and materials to achieve advertising and public relations goals. Students may produce plans for real-world clients. Prerequisite: MKT 311. Cross-listed as CMM 366.

MKT 422. Marketing Research (3) A study of the application of statistical and other research techniques to the solution of marketing problems. Prerequisites: MKT 311 and BUS 263.

MKT 443. Promotional Strategy (3) Nature, scope and contribution of advertising, personal selling, sales promotion and publicity to the firm's problems of demand stimulation. Emphasis is placed on those principles and concepts that relate to the integration and organization of the promotional effort in achieving optimal allocation of the effort to facilitate movement of goods. Prerequisite: MKT 311.

MKT 450. Marketing Management (3) Strategies and techniques in marketing management. This course focuses on opportunity analysis and problem solving in the context of marketing decision-making in the areas of product, pricing, distribution, and integrated communication strategies. The usual pedagogy will be case analysis. Prerequisite: MKT 311.

MKT 472. Student Agency (3) A course in which students, working in teams, act as a full-service agency to prepare a comprehensive campaign for a real-world client, including research, planning and materials production using all KSAs (knowledge/skills/abilities) expected of an entry-level professional. Industry professionals, the client and the instructor critique student campaigns. Prerequisite: CMM 366 or permission of instructor. Cross-listed as CMM 472.

MKT 495. Special Topics in Marketing (3) A course designed to address topics of special interest to marketing students. Possible areas include international marketing, personal selling and retail management. Prerequisites: MKT 311 and permission of instructor.

SPORT MANAGEMENT (SPM)

The Sport Management concentration combines business management foundations with the ever-growing field of sport. The Sport Management concentration covers the areas of sport marketing, facilities management, fundraising, law, and governance. This concentration, coupled with the business core of the academic program, is designed to prepare students for positions in professional sport, interscholastic and intercollegiate athletics, sport media relations, Sport information and promotions, sport coaching, sport facility management/operations, sport marketing, sport consulting and sport administration. In addition, the curriculum prepares students to enter a graduate program after course completion, if desired.

SPORT MANAGEMENT

Course	Title	Credit Hours
SPM 401	Sport Law	3
SPM 410	Sport Facilities Management	3
SPM 420	Sport Marketing and Promotion	3
SPM 430	Sport Management Capstone	3
<i>Choose two from the following:</i>		6
SPM 495	Special Topics in Sport Management	
SCM 401	Principles of Logistics and Supply Chain Management	
BUS 496	Business Internship	

MINOR IN SPORT MANAGEMENT

Course	Title	Credit Hours
CIS 115	Applications in CIS	3
MGT 301	Management Principles	3
MKT 311	Marketing Principles	3
MGT 351	Entrepreneurship and Small Business Management	3
SPM 401	Sport Law	3
SPM 410	Sport Facilities Management	3
SPM 420	Sport Marketing and Promotion	3

UPPER-DIVISION COURSES

SPM 401. Sport Law (3) This course covers the core areas of law relevant to the business of sport. It is intended to introduce students to significant legal issues in sport. Prerequisites: 300 level courses in Business Administration curriculum, or permission of program director.

SPM 410. Sport Facilities Management (3) This course examines the fundamental theories, standards, and recommendations for developing, planning, constructing, and managing various venues in sport. Prerequisites: 300 level courses in Business Administration curriculum, or permission of program director.

SPM 420. Sport Marketing and Promotion (3) This course emphasizes marketing and public relations by addressing the importance of a sport-related organization maintaining a favorable

public image through consistent media outreach. Prerequisites: 300 level courses in Business Administration curriculum, or permission of program director.

SPM 430. Sport Management Capstone (3) This capstone course provides student with the opportunity to demonstrate the knowledge and skills acquired in their overall Sport Management concentration. The culminating experience will utilize the development of a sport strategic plan for a sport organization. Prerequisites: SPM 401, 410, 420, or permission of program director.

SPM 495. Special Topics in Sport Management (3) A course designed to address topics of special interest to students interested in the Sport management field. Prerequisites: permission of program director.

SUPPLY CHAIN MANAGEMENT (SCM)

The objective of the concentration in Supply Chain Management (SCM) is to equip students with the management skills needed to manage the flow of goods and services within industries. The movement and storage of raw materials, work-in-process, and finished goods all the way from the point of origin to the point of consumption falls within the scope of SCM. Any organization that deals with goods or services is in some way part of this process and therefore part of a supply chain. Since organizations are part of supply chains they employ supply chain management professionals that strive to reduce materials and transportation costs, while optimizing efficiency through distribution channels. The knowledge gained from this concentration and the overall business curriculum will prepare students for careers as logistics analysts, transportation managers, purchasing professionals, and other logistics and SCM related positions. In addition to completing the common core of business classes, students will complete courses in supply chain management, purchasing, transportation, global logistics, and warehousing and distribution.

SUPPLY CHAIN MANAGEMENT

Course	Title	Credit Hours
SCM 401	Principles of Logistics and Supply Chain Mgmt.	3
SCM 410	Transportation Management	3
SCM 420	Warehousing and Inventory Management	3
CIS 382	Database Management Systems	3
<i>Choose two from the following:</i>		6
BUS 496	Business Internship	
BAN 363	Essentials of Business Analytics	
MKT 495	International Marketing Research	
SCM 495	Special Topics Supply Chain Management	
CIS 495	Special Topics in Computer Information Systems	

MINOR IN SUPPLY CHAIN MANAGEMENT

Course	Title	Credit Hours
BUS 263	Business Statistics	3
BUS 264	Management Science	3
SCM 401	Principles of Logistics and Supply Chain Management	3
SCM 410	Transportation Management	3
SCM 420	Warehousing and Inventory Management	3
<i>Choose two from the following:</i>		6
CIS 382	Database Management Systems	
BAN 363	Essentials of Business Analytics	
BUS 496	Business Internship	
MKT 495	International Marketing	
SCM 495	Special Topics in Supply Chain Management	
CIS 495	Special Topics in Computer Information Systems	

UPPER-DIVISION COURSES

SCM 401. Principles of Logistics and Supply Chain Management (3) Principles of contemporary approaches to logistics and supply chain management. Topics discussed include inventory control, forecasting, vendor management, procurement, transportation, warehousing, global logistics, lean logistics, reverse logistics, and supply chain integration techniques.

SCM 410. Transportation Management (3) An analysis of domestic and international transportation in support of logistics and supply chain management operations. Topics include third party evaluation and selection, transportation mode selection, logistics network design, transportation regulations, and routing and scheduling.

SCM 420. Warehousing and Inventory Management (W) (3) This writing intensive course is an evaluation of warehousing operations and management practices. Topics explored include warehouse design, material handling equipment and techniques, inventory control best practices, productivity improvement, warehouse safety, and an analysis of tools and techniques used in warehouse and inventory management.

SCM 495. Special Topics (3) Course designed to address topics of special interest in supply chain management and logistics. Prerequisites: SCM 401 or permission of instructor.

JOINT B.S. - M.B.A WITH CONCENTRATION IN SUPPLY CHAIN MANAGEMENT (3+1 IN SUPPLY CHAIN MANAGEMENT)

Spring Hill College has developed a unique four-year program for students seeking a career in the logistics and supply chain area, who want the flexibility of obtaining an MBA degree. This curriculum enables the exceptional student (admission into this curriculum will be based on a minimum ACT/SAT score (29+ ACT), and a minimum high school BPA of 3.25) to graduate after four years with two degrees awarded at graduation: a B.S.in Business Administration and a Masters of Business Administration degree with a concentration in Logistics and Supply Chain Management.

The total program involves a minimum of 147 semester hours. The College's core and the undergraduate business core courses are unchanged, except for two variations: BUS 580 International Business can be used to help satisfy the undergraduate international business requirement (BUS 320); and the BUS 599 will serve as the capstone experience, instead of the BUS 499 requirement at the undergraduate level.

Students in this program should expect to take courses in the summer term, and will be taking graduate level courses at the end of the third year. All graduate courses are taught in the online 7-week format. Two classes per 7-week period will be completed in the fall and spring of the fourth year in order to finish the graduate level requirements.

JOINT B.S.-M.B.A. WITH CONCENTRATION IN SUPPLY CHAIN MANAGEMENT

Course	Title	Credit Hours
Lower Division		
CIS 115	Applications in Computer Information Systems	3
ECO 101	Principles of Macroeconomics	3
ECO 102	Principles of Microeconomics	3
ACC 201	Principles of Accounting I	3
ACC 202	Principles of Accounting II	3
BUS 263	Business Statistics	3
BUS 264	Management Science	3
MTH 111/121	Precalculus or Calculus I	3
BUS 210	Business Communication	3
BUS 220	Business, Society, and Sustainability	3
Upper Division		
BUS 301	Business Law I	3
MGT 301	Management Principles	3
MKT 311	Marketing Principles	3
FIN 301	Financial Management	3
CIS 381	Information Systems	3
PHL 313	Business Ethics	3

UNDERGRADUATE CONCENTRATION IN SCM

Course	Title	Credit Hours
SCM 401	Principles of Logistics and Supply Chain Mgmt.	3
SCM 410	Transportation Management	3
SCM 420	Warehousing and Inventory Management	3
CIS 382	Database Management Systems	3

Note-the two undergraduate program electives (6 hours) are moved to the graduate section below.

In addition to the undergraduate curriculum, students must take the following graduate level courses:

GRADUATE COURSES

Course	Title	Credit Hours
BUS 520	Organizational Behavior and Ethical Decision Making	3
BUS 535	Cost Accounting and Financial Analysis	3
BUS 540	Quantitative Analytics for Business	3
BUS 550	Managerial Economics and Corporate Profitability	3
BUS 565	Foundations of Logistics and Supply Chain Management	3
BUS 580 ¹	International Business	3
BUS 599 ²	Business Strategy, Policy, and Sustainability (comp exp.)	3

GRADUATE CONCENTRATION IN SCM

Course	Title	Credit Hours
<i>Choose three of the following:</i>		9
BUS 571	Procurement and Material Management (3)	
BUS 572	Logistics Information Systems (3)	
BUS 573	Case Studies in Logistics and Supply Chain Management (3)	
BUS 574	Management and Distribution of Inventory (3)	

¹BUS 580 is used to satisfy the BUS 320 International Business

²BUS 599 is used to satisfy the BUS 499 undergraduate capstone

CERTIFICATE IN SOCIAL ENTREPRENEURSHIP

The Division of Business offers a 12-credit-hour certificate in Social Entrepreneurship. This certificate is designed for students who wish to learn the real-world basics of running a nonprofit organization. The courses required in this certificate provides students with exposure to fundamentals of accounting, marketing, financial planning, human resources and other business fundamentals. The student will also be given the opportunity to develop leadership skills as he/she takes charge of a group of those served. These experiential learning experiences are part of the BUS220 Business, Society and Sustainability, BUS495 Experiential Learning Internship, and the MGT495 Social Entrepreneurship course.

Course	Title	Credit Hours
BUS 220	Business, Society, and Sustainability	3
PHL 313	Business Ethics	3
BUS 496	Business Internship (Experiential Learning)	3
MGT 495	Special Topic: Social Entrepreneurship	3

FOUNDATIONS OF BUSINESS CERTIFICATE

The Foundations of Business Certificate is a four-course curriculum focused on providing students with exposure to the courses that are typically found in business school curriculums. The certificate will also be of value to those students in areas other than business that are looking for an understanding of the foundational areas of business. Students will learn proficiency in Microsoft Office Suite, macroeconomics, the study of accounting principles and concepts related to the preparation of financial statements, and a choice between a course in the foundations of management or marketing. The program is offered each summer and is fully online. To receive the certificate, students must complete the following courses.

Course	Title	Credit Hours
CIS 115	Applications in Computer Information Systems	3
ECO 101	Principles of Macroeconomics	3
ACC 201	Principles of Accounting	3
<i>Choose one of the following:</i>		3
MGT 301	Management Principles	
MKT 311	Marketing Principles	

MINOR IN BUSINESS ADMINISTRATION

As a service to students majoring in programs other than those offered by the Division of Business, a comprehensive business administration minor is offered.

The objective of this minor is to assist the student in preparation for entering a career in the business world even though the student has chosen to major in a subject area outside business. The minor curriculum is designed to provide knowledge in each of the functional areas of business administration. In addition, the minor is designed to include the prerequisite courses normally required for admission to most Master of Business Administration (MBA) programs.

Course	Title	Credit Hours
ECO 101	Principles of Macroeconomics	3
ECO 102	Principles of Microeconomics	3
ACC 201 & 202	Principles of Accounting I & II	6
BUS 263	Business Statistics	3
MGT 301	Management Principles	3
MKT 311	Marketing Principles	3
FIN 301	Financial Management	3

MINOR IN SOCIAL ENTREPRENEURSHIP

The Division of Business offers a minor in Social Entrepreneurship. Students in this minor learn the real-world basics of running a nonprofit organization. The courses required in this minor provides students with exposure to fundamentals of accounting, marketing, financial planning, human resources and other business fundamentals. The student will also be given the opportunity to develop leadership skills as they take charge of a group of those served. These experiences are part of the BUS220 Business, Society and Sustainability, BUS495 Experiential Learning Internship, and the MGT495 Social Entrepreneurship course.

Course	Title	Credit Hours
CIS 115	Applications in Computer Information Systems	3
BUS 220	Business, Society, and Sustainability	3
ACC 201	Principles of Accounting I	3
PHL 313	Business Ethics	3
FIN 310	Financial Planning	3
BUS 496	Business Internship (Experiential Learning)	3
MGT 495	Special Topic: Social Entrepreneurship	3

DIVISION OF COMMUNICATION, VISUAL AND PERFORMING ARTS

Division Chair: Stuart C. Babington, PhD

The Division of Communication, Visual and Performing Arts recognizes that human progress and the quality of life depend on the communication of verbal and non-verbal information, ideas and opinions as well as the incorporation of art and aesthetic values into our lives. The departments of Communication Arts and Visual and Performing Arts encourage students to develop mass media and/or artistic skills appropriate to a wide range of careers, along with an appreciation for the role of these communication media and of all the arts in their full social contexts.

Internships

The Division of Communication, Visual and Performing Arts requires internship experiences for students majoring in Communication Arts (PR/Advertising, Journalism, Digital Video Production) and Graphic Design prior to graduation. These internships complement their senior seminar experiences and senior-level portfolio reviews. It is recommended that Communication Arts/ Visual Arts students intern during their junior and/or senior years. Lower-division students must obtain special permission from their department chair to participate in a Communication Arts/Visual Arts internship. Communication Arts students must complete a minimum of two credit hours of CMM 490 and the one credit hour CMM 290 (Pre-Professional Development). Visual Arts students must complete a minimum of three credit hours of ART 490. These internship experiences are under the supervision of a Spring Hill College faculty member and an experienced advertising, public relations, journalism, broadcasting, photography, production, graphic design, gallery, studio or related professional. These internships provide students with learning opportunities and meaningful field experience in the professions they are exploring, while building their portfolios. Students are responsible for securing their internships. Listings of past internships and organizations interested in Spring Hill College Communication Arts/ Visual Arts interns are available at <http://departments2.shc.edu/commarts>. Students must invest approximately 55 hours into CMM/ART 490 for each hour of academic credit pursued. Periodic online reporting is required and other deadlines must be met for successful completion of a Communication Arts/Visual Arts internship. CMM/ART 490 is a variable credit course, which may be repeated for up to 6 credit hours.

COMMUNICATION ARTS (CMM)

Department Chair/Program Director: P. Ryan Noble, MFA

Mission Statement:

We believe there is intrinsic value for all students in examining the role of media and communication processes in our society today. They permeate our lives in both overt and subtle ways, and their serious study is very appropriate within a liberal arts context, where students are trained to be both free and responsible thinkers. For our majors, we seek to cultivate a high level of media literacy and a keen awareness of the impact these media have on our life and culture. The Communication Arts Department aims to provide students with a foundation for graduate study, for future professional accreditation and for careers within media and related fields. We believe that preparing our students to eventually participate in these media fields is a significant and worthwhile endeavor. Students progress from analysis and reflection to ethical action both as consumers and as potential producers of media content.

The College's mission is integral to our program. Guided by strong ethical principles and a concern for justice for everyone in the global community, we attempt to develop students' skills on a number of levels: critical, analytical, theoretical and practical. Through various classes, internships, and on- or off-campus research papers and/or applied projects, students have an array of opportunities to demonstrate their mastery of these skills. We expect those graduating with a degree in Communication Arts to begin the serious journey – in their personal lives and in their media careers – of being "leaders engaged in learning, faith, justice and service for life."

Communication Arts Learning Outcomes:

1. Students will apply the foundational theories, tools and concepts essential for communication study and practice to successfully and independently conceptualize, research, plan, implement and evaluate applied projects or basic research.
2. Students will apply their understanding of interactions between media and society to successfully and independently conceptualize, research, plan, implement and evaluate applied projects or basic research.
3. Students will successfully and independently conceptualize, research, plan, implement and evaluate applied communication projects or basic research using media and tools appropriate to the task and to the discipline or its sub-disciplines.
4. Students will demonstrate their responsibility to apply their knowledge, skills, and abilities in service to the community.

LOWER-DIVISION REQUIREMENTS:

Lower-division courses are designed to provide students with introductory level familiarity with mass communication systems as well as the prerequisites for an upper-division concentration in one of the three concentration areas: Digital Video Production, Journalism or Public Relations and Advertising (PR/Ad).

In both the Journalism and PR/Ad concentrations there are 23 lower-division required hours. In the Digital Video Production concentration there is a total of 20 lower-division required hours.

In the first year, freshmen take CMM 145 Introduction to Media Studies, which is an overview of the media, of social issues in relation to the media, and of the department itself. They also take CMM 150 Introduction to Public Speaking which exposes them to the basic speaking styles and formats.

In the sophomore year, students take additional lower-division skills courses, with CMM 251 Introduction to Media Writing, CMM 252 Introduction to Media Production Lab (1 credit hour, concurrent enrollment with CMM 251), CMM 260 Visual Communication, and CMM 290 Pre-professional Development (1 credit hour) required of all Communication Arts majors. In addition, they will take one more three-hour sophomore-level course as outlined in the paradigms below depending on their choice of concentration.

Two lower-division CMM courses are cross-listed as ART courses: CMM 253 Introduction to Digital Video Production and CMM 254 Introduction to Photography. Communication Arts majors cannot take these courses as ART to fulfill their Spring Hill College core requirement because these courses are departmental electives or requirements.

UPPER DIVISION REQUIREMENTS:

All Communication Arts majors are required to take the following upper-division courses: CMM 324 Media Law and Professional Ethics, CMM 370 Communication Theory, CMM 373 Student Media Content, at least two hours of CMM 490 Communication Arts Internship, and the four-credit-hour CMM 495 Senior Seminar. (In the PR/Advertising concentration, students may elect to take CMM 472 Student Agency instead of CMM 373 Student Media Content). The Seminar is the synthesizing experience for Communication Arts majors. Additional hours of Communication Arts upper-division electives are required to complete the BA degree in Communication Arts. Refer to the individual concentration paradigms below for more detailed procedures, requirements and recommendations.

GENERAL

Students majoring in Communication Arts select one concentration from Digital Video Production, Journalism or Public Relations & Advertising and cannot minor in another concentration area, though majors are not limited in CMM course selections above degree requirements.

All Communication Arts majors must earn a grade of C- or better in all CMM courses and program elective requirements. Similarly, digital media created as class assignments earning lower than a C- are not authorized for distribution. A course in which a student earns a grade below C- must be repeated. In such cases, it is important to remember that only the original number of hours of credit will be awarded when required courses are repeated successfully.

Though a student is able to pass a given course within his/her major of Communication Arts with a C-, by the end of the senior year, all majors must have reached a minimum cumulative GPA of 2.0, both overall and within the major, in order to graduate.

Communication Arts is an equipment, software and supply dependent major. A \$5 Curriculum Lab Fee paid by all students enrolled in all Communication Arts courses supports general use tools, such as the Adobe Creative Suite in Burke Library room 031. Students enrolled in CMM courses will have additional access to facilities and equipment as assigned by the

instructor. Additional department designations of Lab Fees may be for *Equipment*, which represents durable goods such as departmental cameras or *Supply*, for items either kept or used by the students. Few courses have lab fees exceeding \$50, but one course includes a substantial lab fee for a media kit, which becomes the student's property upon receipt. It is recommended, though not required, that Communication Arts majors have a laptop computer.

Some sections or courses may be designated as BYOD (bring your own device). In such cases, the department will not supply necessary equipment, such as a camera, though a limited supply of such equipment may be available for rental.

BACHELOR OF SCIENCE IN COMMUNICATION ARTS

Core Courses Required for All Three Concentrations

LOWER-DIVISION

Course	Title	Credit Hours
CMM 145	Introduction to Media Studies	3
CMM 150	Introduction to Public Speaking	3
CMM 251 &	Introduction to Media Writing <i>and</i>	3
CMM 252	Introduction to Media Production Lab	1
CMM 260	Visual Communication	3
CMM 290	Pre-professional Development	1

UPPER-DIVISION

Course	Title	Credit Hours
CMM 324	Media Law and Professional Ethics	3
CMM 370	Communication Theory	3
CMM 373	Student Media Content	3
CMM 490 ¹	Communication Arts Internship	2
CMM 495	Senior Seminar	4

¹Minimum of two credit hours must be taken. Variable credit course; may be repeated up to six credit hours.

BACHELOR OF ARTS IN COMMUNICATION ARTS – DIGITAL VIDEO PRODUCTION

Students who are interested in the hands-on production of still and moving imagery – audio and video within a variety of digital formats – will find this an attractive, worthwhile and challenging concentration. Students learn to write professionally, produce, edit and distribute (on the Web) documentary, journalistic, promotional and short fictional videos and still photography. They will produce these videos in a single-camera, “film” style with emphasis on employing creative expression while learning professional procedures. Both of those aspects are grounded in Spring Hill College’s *Mission Statement* that emphasizes “the pursuit of truth and an ever-deepening appreciation of the beauty of creation, the dignity of life, the demands of justice and the mystery of God’s love.”

LOWER-DIVISION

Course	Title	Credit Hours
CMM 145	Introduction to Media Studies	3
CMM 150	Introduction to Public Speaking	3
CMM 251 and CMM 252	Introduction to Media Writing <i>and</i> Introduction to Media Production Lab	3 1
CMM 253	Introduction to Digital Video Production	3
CMM 260	Visual Communication	3
CMM 290	Pre-professional Development	1
<i>Choose one other CMM/lower-level elective:</i>		3
<i>Recommended:</i>		
CMM 254 or ART 208 or	Introduction to Photography or Introduction to Digital Design or	
A course outside of the department to be determined in consultation with the advisor.		

UPPER-DIVISION

Course	Title	Credit Hours
CMM 324	Media Law and Professional Ethics	3
CMM 327	History of Film and TV	3
CMM 331	Scriptwriting for Film and TV	3
CMM 370	Communication Theory	3
CMM 373	Student Media Content	3
CMM 429	Advanced Digital Video Production	3
CMM 490 ¹	Communication Arts Internship	2
CMM 495	Senior Seminar	4
<i>Choose one from the following:</i>		3
CMM 3XX or CMM 4XX		
Other courses outside of the department to be determined in consultation with the advisor.		
<i>Recommended:</i>		
CMM 321	Multimedia Storytelling	
CMM 338	Advanced Photography	
CMM 435	Motion Graphics	

¹Minimum of two credit hours must be taken. Variable credit course; may be repeated up to six credit hours.

MINOR IN DIGITAL VIDEO PRODUCTION

The minor in Digital Video Production requires a total of 24 hours.

LOWER-DIVISION

Course	Title	Credit Hours
CMM 145	Introduction to Media Studies	3
CMM 253	Introduction to Digital Video Production	3
<i>Choose two from the following:</i>		6
CMM 150	Introduction to Public Speaking	
WRI 251	Introduction to Media Writing	
CMM 254	Introduction to Photography	
CMM 260	Visual Communication	
ART 208	Introduction to Digital Design	

UPPER-DIVISION

Course	Title	Credit Hours
CMM 324	Media Law and Professional Ethics	3
CMM 429	Advanced Digital Video Production	3
<i>Choose two from the following:</i>		6
CMM 321	Multimedia Journalism	
CMM 327	History of Film and Television	
CMM 338	Advanced Photography	
CMM 370	Communication Theory	
CMM 415	Photojournalism	
CMM 435	Motion Graphics	
CMM 490	Communication Arts Internship	

BACHELOR OF ARTS IN COMMUNICATION ARTS – JOURNALISM

This engaging area of study will challenge students who hope to work as professional communicators. The field of journalism has become wide-ranging – from traditional forms of media such as newspaper, magazine and broadcast, to Web and other digital applications. Students will learn to write professionally, produce, edit and design information for a variety of formats. They will put into practice newsgathering strategies, alternative forms of information and the legal and ethical considerations of working as a media professional.

LOWER-DIVISION

Course	Title	Credit Hours
CMM 145	Introduction to Media Studies	3
CMM 150	Introduction to Public Speaking	3
CMM 251 and	Introduction to Media Writing <i>and</i>	3
CMM 252	Introduction to Media Production Lab	1
CMM 254	Introduction of Photography	3
CMM 260	Visual Communication	3
CMM 290	Pre-professional Development	1
ART 208	Introduction to Digital Design	3
<i>Choose one other CMM/lower-level elective:</i>		3
Recommended:		
CMM 261	Features and Commentaries	
CMM 253	Introduction to Digital Video Production	
A course outside of the department to be determined in consultation with the advisor.		

UPPER-DIVISION

Course	Title	Credit Hours
CMM 321	Multimedia Storytelling	3
CMM 324	Media Law and Professional Ethics	3
CMM 343	Advanced Newsgathering	3
CMM 370	Communication Theory	3
CMM 373	Student Media Content	3
CMM 490 ¹	Communication Arts Internship	2
CMM 495	Senior Seminar	4
<i>Choose one of the following:</i>		3
CMM 3XX or CMM 4XX		
CIS/ART 371	Website Development	
WRI 495	Special Studies in Writing	

¹Minimum of two credit hours must be taken. Variable credit course; may be repeated up to six credit hours.

MINOR IN JOURNALISM

The minor in Journalism requires a total of 24 hours.

LOWER-DIVISION

Course	Title	Credit Hours
CMM 145	Introduction to Media Studies	3
CMM 150	Introduction to Public Speaking	3
WRI 251	Introduction to Media Writing	3
ART 208	Introduction to Digital Design	3

UPPER-DIVISION

Course	Title	Credit Hours
CMM 324	Media Law and Professional Ethics	3
CMM 343 or CMM 321	Advanced Newsgathering <i>or</i> Multimedia Storytelling	3
CMM 373	Student Media Content	3
<i>Choose one from the following:</i>		3
CMM 3XX or 4XX CIS/ART 371 WRI 495	Website Development Special Studies in Writing	

BACHELOR OF ARTS IN COMMUNICATION ARTS – PUBLIC RELATIONS AND ADVERTISING CONCENTRATION (PR/AD)

Students interested in the fast-paced and competitive fields of public relations and advertising will be exposed to industry-standard KSAs (knowledge/ skills/abilities) through a program that helps cultivate core competencies of initiative, resourcefulness, time management and teamwork while underscoring the importance of ethical practice. Public Relations and Advertising prepares students to be professional persuasive communicators with a focus on writing, strategic planning, message development and the adaptability that comes from a rich Jesuit, liberal arts foundation. Adaptability is necessary as persuasive communication continues to become more focused on the individual through advancements in technology and the proliferation of digital media. Public Relations and Advertising prepares students to be highly flexible and for varied career paths in just about every industry and form of practice, including corporate communication, agencies, nonprofits, special event planning, media relations, fundraising, online content production and more.

LOWER-DIVISION

Course	Title	Credit Hours
CMM 145	Introduction to Media Studies	3
CMM 150	Introduction to Public Speaking	3
CMM 220	Principles of Strategic Communication	3
CMM 251 and CMM 252	Introduction to Media Writing <i>and</i> Introduction to Media Production Lab	3 1
CMM 260	Visual Communication	3
CMM 290	Pre-professional Development	1
ART 208 and CMM 2XX	Introduction to Digital Design Lower-Division CMM Elective	3 3

UPPER-DIVISION

Course	Title	Credit Hours
CMM 324	Media Law and Professional Ethics	3
CMM 335	Communication Research	3
CMM 365 or CMM 366	Strategic Writing <i>or</i> Strategic Planning for PR and Advertising	3
CMM 370	Communication Theory	3
CMM 373 or CMM 472	Student Media Content Student Agency	3
CMM 490 ¹	Communication Arts Internship	2
CMM 495	Senior Seminar	4
<i>Choose one from the following:</i>		3
CMM 3XX or CMM 4XX		
MKT 311	Marketing Principles	
CIS/ART 371	Website Development	
WRI 495	Special Studies in Writing	

¹Minimum of two credit hours must be taken. Variable credit course; may be repeated up to six credit hours.

MINOR IN PUBLIC RELATIONS AND ADVERTISING

The minor in Public Relations and Advertising requires a total of 24 hours.

LOWER-DIVISION

Course	Title	Credit Hours
CMM 145	Introduction to Media Studies	3
CMM 150	Introduction to Public Speaking	3
CMM 220	Principles of Strategic Communication	3
WRI 251	Introduction to Media Writing	3
ART 208	Introduction to Digital Design	3

UPPER-DIVISION

Course	Title	Credit Hours
CMM 324	Media Law and Professional Ethics	3
CMM 335 or CMM 370	Communication Research <i>or</i> Communication Theory	3
CMM 365 or CMM 366	Strategic Writing <i>or</i> Strategic Planning for PR and Advertising	3

LOWER-DIVISION COURSES

CMM 145. Introduction to Media Studies (3) An analytical survey of the major types of contemporary media focusing on their role in society and culture. Print, electronic and digital industries are examined both from a professional and a consumer perspective. Students develop an understanding of basic concepts of the world of media and ponder what it means to live in a "media age." Lab Fees: Curriculum and Equipment.

CMM 150. Introduction to Public Speaking (3) (W) Introduction to the fundamentals of oral communication including how to research, organize, prepare and deliver oral presentations in a one-to-many communication setting. Lab Fees: Curriculum and Equipment.

CMM 220. Principles of Strategic Communication (3) (W) Principles, history, theory and practice of public relations and advertising, including elements of integrated marketing communication and persuasion. Lab Fee: Curriculum.

CMM 225. Communication for Non-Profits (3) An introduction to mission-based communication and fund development for students interested in pursuing professional or volunteer service in the non-profit sector. Lab Fee: Curriculum.

CMM 251. Introduction to Media Writing (3) (W) A survey of writing formats, techniques and styles (journalism, advertising and public relations) for a number of media: newspapers, magazines, broadcasting and the Internet. Prerequisite: ENG123. Cross-listed as WRI 251 [CMM minors or non-majors, except as required by EDU, should take this class as WRI]. Lab Fees: Curriculum and Equipment.

CMM 252. Introduction to Media Production Lab (1) Students receive hands-on instruction in the basic digital storytelling techniques for 21st century communicators. This course is taken concurrently with CMM 251, Introduction to Media Writing by all CMM majors. CMM minors are encouraged, but not required, to take this lab. Through a lab fee, students purchase a photo/video/audio equipment kit. Portions of the lab fee may be refunded if a student owns personal digital devices of comparable quality to the mandatory kit. Lab Fees: Curriculum, Equipment and Supply.

CMM 253. Introduction to Digital Video Production (3) An introduction to the process of producing short digital videos in narrative, documentary, journalistic or promotional formats. Students will write, produce, edit and distribute appropriately in a variety of projects, while learning the equipment, techniques, history and new developments in moving imagery. Emphasis will be on learning the various processes in relation to the art and craft of film and video storytelling – in fiction and/or nonfiction formats. Departmental equipment provided for use by students enrolled in this course. Also offered as ART 253. (Communication Arts majors must take this course as CMM not ART; it does not fulfill the core ART requirement for Communication Arts majors.) Lab Fees: Curriculum, Equipment and Supply.

CMM 254. Introduction to Photography (3) This course will examine, on a basic level, the nature and importance of the photographic medium today in the areas of artistic expression and documentary or social commentary. This will be accomplished primarily in photo assignments covering a variety of basic techniques using digital cameras. Departmental DSLR camera provided, unless a section is designated as BYOD. A portion of the lab fee may be refunded if the student has instructor-approved equipment. Also offered as ART 254. (Communication Arts majors must take this course as CMM not ART; it does not fulfill the core ART requirement for Communication Arts majors.) Lab Fees: Curriculum, Equipment and Supply.

CMM 260. Visual Communication (3) Designed to develop analytical and critical skills with regard to the use of visual imagery in media. Subject matter covers all visual communication practices with an emphasis on the major art and information forms, such as photography, illustration, film and video, television and the Web. Lab Fee: Curriculum.

CMM 261. Features and Commentaries (3) (W) A course exploring two kinds of journalism that deviate from the traditional newswriting style. Feature stories are intended to touch the emotions of audience members, while commentaries expose readers to expert interpretations. Students will practice these storytelling techniques by reporting with text, video and audio.

CMM 290. Pre-Professional Development (1) Introduction to professions for students interested in advertising, public relations, journalism, digital video production or graphic design. It includes preparation for internships, introduction to portfolio building, expectations for entry-level practitioners and the basics of industry networking. Features presentations by industry professionals. Lab Fee: Curriculum.

CMM 299. Tech Tools (Variable Credit) Skills-based class through which students create content suitable for portfolio inclusion. Topics will vary depending upon the needs of the department and interests of the faculty. Courses focus on current skills and tools used by communication professionals to inform, to persuade or to entertain. Tech Tools courses may be

BYOD and may be taught by local professionals. Repeatable; variable credit-maximum six credit hours. Lab Fees: Curriculum and/or Equipment, and Supply.

UPPER-DIVISION COURSES

CMM 321. Multimedia Storytelling (3) A course in news content creation for television and the web, emphasizing writing, audio/video production, presentation and promotion across various media platforms. Prerequisite: CMM 251 and 252. Multimedia kit not provided. Lab Fees: Curriculum and Equipment.

CMM 324. Media Law and Professional Ethics (3) (W) A course in the laws, regulations and ethics codes governing media and work in the media, which encourages a professional standard of conduct. Prerequisites: Completion of departmental lower-division requirements for communication arts majors and minors; permission of instructor for others. Lab Fee: Curriculum.

CMM 327. History of Film and TV (3) (W) A historical overview of the two primary visual and aural media of the past century. This course will examine the major historical and aesthetic trends of both, pointing out their differences, similarities and tenuous interactions throughout the 20th century and into the 21st. Both national and international genres and movements will be covered, with a primary emphasis on American film history and its relationship to our changing culture. Cross-listed as HIS 327. Lab Fee: Curriculum.

CMM 331. Scriptwriting for Film and TV (3) (W) A course that covers both dramatic/ comedic fictional formats and informational/documentary/persuasive formats. A creative screenwriting course for short (under one-half-hour) productions for Web and TV distribution. Prerequisite: ENG 123. Cross-listed as WRI 331. Lab Fee: Curriculum.

CMM 335. Communication Research (3) (W) Survey of qualitative and quantitative research methods used in advertising and public relations. Students learn to use research to solve applied or basic communication problems. Prerequisite: CMM 220 or 221. Lab Fee: Curriculum.

CMM 338. Advanced Photography (3) A course that emphasizes the mastering of photographic skills from picture taking to exhibition (in print and online). Development of a personal artistic vision in image-making while learning to perfect the craft of modern photography using digital tools. Advanced photo (media) management skills stressed. BYOD (DSLR camera not provided.) Prerequisite: CMM/ART 254 or permission of instructor. Lab Fees: Curriculum, Equipment and Supply.

CMM 343. Advanced Newsgathering (3) (W) An advanced course for students majoring in journalism, this course takes up where Introduction to Media Writing leaves off. It offers in-depth instruction in such areas as investigative newsgathering strategies the use of public records in the newsgathering process, the coverage of civil and criminal courts, police reporting, local government reporting and specialty reporting. Prerequisite: CMM 251. Lab Fees: Curriculum and Equipment.

CMM 364. Media Planning and Measurement (3) Study of the selection and evaluation of media to meet the goals, objectives, strategies, and tactics of a promotional plan. A survey of media planning principles, scheduling and buying as well as measurement principles and evaluation, including web analytics. Prerequisite: MKT 311 or CMM 220 or permission of instructor. Cross-listed as MKT 364. Lab Fee: Curriculum.

CMM 365. Strategic Writing (3) (W) A comprehensive writing course which builds upon CMM 251 and is designed to develop professional writing skills for advertising and public relations practitioners including the mechanics, form and style of public relations and business writing as well as advertising copywriting. Students produce written materials for a local nonprofit client. Prerequisite: CMM 251. Cross-listed as MKT and WRI 365. Lab Fees: Curriculum and Equipment.

CMM 366. Strategic Planning for PR and Advertising (3) (W) A comprehensive planning course covering the mechanics of strategic planning through the development of multiple types of plans (crisis, promotional, creative, etc.) and materials to achieve advertising and public relations goals. Students may produce plans for real-world clients. Prerequisite: CMM 220 or 221 or permission of instructor. Cross-listed as MKT 366. Lab Fees: Curriculum, Equipment and Supply.

CMM 370. Communication Theory (3) This course examines major theories of human communication pertaining to media messages, media production and media consumption. Students use various conceptual frameworks to understand the communication process and engage in critical analysis of media applying the theories. Prerequisites: completion of Communication Arts lower-division departmental requirements or permission of instructor. Lab Fee: Curriculum.

CMM 371. Media History (3) The course tells the intriguing stories of the development of media such as newspapers, magazines, radio, television and the Internet, with emphasis on major technological advancements, changes to media over time, and media's relationship to audiences. Prerequisite: CMM 145. Lab Fee: Curriculum.

CMM 373. Student Media Content (3) (W) An experiential course involving the production of written, oral and visual content for the weekly campus newspaper, its companion website, and the campus television station. Students will communicate news concerning the campus community over a variety of formats, participate in the promotion of student media products, service advertising clients of the student media and operate as a converged media enterprise. Lab Fee: Curriculum, Equipment, and Supply.

CMM 375. Gender Communication (3) (D) Explores the relationship between gender and communication, particularly in the context of our media-saturated culture. Students examine how gender is created through communication by analyzing verbal and nonverbal gendered patterns and media constructions of gender. The course aims to empower students to transcend potential limitations of gender identity and gender barriers in communication. Also offered as CMM 502. Lab Fee: Curriculum.

CMM 376. Intercultural Communication (3) (D) Develops an understanding of the communication processes in the context of cultural plurality. Students explore how meaning is formed within cultural frameworks and examine contemporary social phenomena, such as diversity, multiculturalism, transnational media and worldwide popular culture. Cross-listed as BUS 376. Also offered as CMM 503. Lab Fee: Curriculum.

CMM 415. Photojournalism (3) A hands-on course for advanced photographers who wish to hone their skills in the areas of journalistic and documentary imagery. The medium's history, its ethical codes in picture-making and the vast diversity of content and approaches will be covered. BYOD (DSLR camera not provided.) Advanced photo (media) management skills stressed. Prerequisite: CMM/ART 254. Lab Fees: Curriculum, Equipment and Supply.

CMM 429. Advanced Digital Video Production (3) A hands-on course emphasizing more advanced and sophisticated elements of production and postproduction of short narrative fiction, documentary, or journalistic stories. Emphasis on learning the professional processes and procedures that are traditional and relevant to the digital revolution and online distribution. Departmental equipment provided for use by students enrolled in this course. Prerequisite: CMM 253 or permission of instructor. Lab Fees: Curriculum, Equipment and Supply.

CMM 435. Motion Graphics (3) A hands-on course concentrating on manipulation of digital video materials, particularly of stills, typography and other graphic elements in a variety of video formats. The course includes an introduction to computer animation software principles and applications. Departmental equipment provided for use by students enrolled in this course. Prerequisites: CMM 253 or permission of instructor. Lab Fees: Curriculum, Equipment and Supply

CMM 472. Student Agency (3) An experiential learning course in which students, working in teams, act as a full-service agency to prepare a comprehensive campaign for a real-world client, including research, planning and materials production using all KSAs (knowledge/skills/abilities) expected of an entry-level professional. Industry professionals, the client and the instructor critique student campaigns. Prerequisite: CMM 366 or permission of instructor. Cross-listed as MKT 472. Lab Fees: Curriculum, Equipment and Supply.

CMM 473. Student Media Management (3) (W) A senior-level, hands-on course involving the conceptualization, editing, design and production of already-created written, oral and visual content into the final publications and broadcasts of: the campus newspaper (*The SpringHillian*), its companion website (newswire.shc.edu) and the campus television station (Badger Television). Students will serve in management-level roles overseeing the College's four student-media products. Management roles include: Television Producer, Video Editor, Webmaster, SpringHillian Student Editor, Art Director and Advertising/Promotions Manager. Lab Fees: Curriculum, Equipment, Supply.

CMM 489. Independent Study (1-3) Individualized study or research with a faculty supervisor on topics not covered in scheduled courses. A substantial paper or project should result. Topics and all other requirements must be agreed upon in writing before student begins independent study. Prerequisite: permission of instructor. Variable credit; may be repeated up to nine credit hours. Lab Fees: Curriculum, Equipment and Supply.

CMM 490. Communication Arts Internship An internship experience under the supervision of Spring Hill College faculty and an experienced advertising, public relations, journalism, digital video production, graphic design or similar professional. Provides students meaningful field experience, building their portfolios and benefiting the professionals to whom they are assigned. Prerequisites: CMM 290 or permission of instructor. Variable credit; may be repeated

for up to six credit hours. Cross-listed as ART 490. The combined maximum earned hours for CMM 490 and ART 490 is six hours. Lab Fee: Curriculum.

CMM 495. Senior Seminar (4) (W) The capstone experience allowing communication arts seniors to synthesize their entire program of studies. Students independently conceptualize, research, plan, implement and evaluate a substantial applied project or basic research effort, which will demonstrate application of the foundational theories, tools, and concepts necessary for communication study and practice; an understanding of the interactions between media and concepts necessary for communication study and practice; an understanding of the interactions between media and society; the ability to use media and tools appropriate to the discipline or sub-discipline and their responsibility to apply their knowledge, skills, and abilities in service to others. The capstone experience also includes a portfolio review prior to graduation. Senior standing required. Lab Fees: Curriculum and Equipment.

CMM 499. Special Studies (3) A course in one of several specialized areas. The content of the course will vary to suit the needs of the students and interests of the faculty. Variable credit; may be repeated up to nine credit hours. Lab Fees: Curriculum, Equipment and Supply.

VISUAL AND PERFORMING ARTS (ART, MUS, THR)

Department Chair: Stephen F. Campbell, SJ

The arts are systems of communication that teach us about human interaction. They challenge our perceptions and teach us to sense, understand and interpret the world around us.

The mission of the Department of Visual and Performing Arts is to provide students with intellectually-informed, hands-on instruction in the practice of the visual and performing arts in the context of a liberal arts college. The program affirms and nurtures the intellectual and creative spirit of each individual while providing knowledge and structure to promote appreciation and understanding of art, design and performance. A dedicated professional faculty with a commitment to excellence fosters the value of academic inquiry, the development of an individual work ethic and instills consideration toward lifelong learning. Through classroom, studio and community-based experiences, the study of visual and performing arts is enhanced by the broader study of liberal arts. The visual arts, music and theater refine sensitivity to cultures, aid critical analysis and provide tools for creative expression.

Students may choose from a variety of courses in studio art, design, music and drama. Appreciation and performance-based classes reveal how personal expression can both reflect and change the culture from which it springs. Experiential opportunities provide students with the ability to develop their collaborative skills, critical thinking and to become responsible leaders in service to others.

Core Curriculum: Visual and Performing Arts

All courses labeled ART, ARH, MUS and THR may be directed toward fulfillment of the core curriculum requirement of three credit hours of course work in visual and performing arts.

STUDIO ART

Program Director: Wanda Sullivan, MFA

The program in studio art, in the context of a strong liberal arts setting, is shaped by the Ignatian tradition of depth of thought and imagination. Students develop an understanding of art-making as a combination of strong concept and technique.

Foundational study in painting, printmaking, ceramics, photography and drawing requires students to think critically, approach problems creatively and develop strong technical skills. As students progress through the program and select a concentration, they refine technique and develop advanced conceptual skills. The end result is the creation of a coherent body of work. The studio art program develops students that are fully prepared to embrace their vocation as professional artists.

BACHELOR OF ARTS IN STUDIO ART**LOWER-DIVISION**

Course	Title	Credit Hours
ART 101	Two-Dimensional Design	3
ART 102	Drawing I	3
ART 202	Drawing II	3
ART 208	Introduction to Digital Design	3
ART 209	Three-Dimensional Design	3
ART 2XX	Lower-Division ART Electives	6

UPPER-DIVISION

Course	Title	Credit Hours
ART 3XX or 4XX	Fine Art Electives	18
ART 495	Studio Senior Seminar I	2
ART 496	Studio Senior Seminar II	2
ARH 310	Prehistoric to Renaissance Art	3
ARH 311	Renaissance to Modern Art	3
ARH 312	Modern Art	3
ARH 313	Contemporary Art	3

MINOR IN STUDIO ART

Course	Title	Credit Hours
ART 101	Two-Dimensional Design	3
ART 102	Drawing I	3
ART 209	Three-Dimensional Design	3
ART XXX	Visual Arts Electives	9

GRAPHIC DESIGN

Program Director: Janden Richards, MA

The rich background of our liberal arts core encourages curiosity about the world and engages students in problem solving and critical thinking. Our graphic design program provides theoretical understanding of design principles and technical skills required of a professional designer. Students develop promotional materials for many community organizations which results in a heightened sense of civic responsibility. A graphic design internship is also required, exposing students to a broad range of cultural experiences. At the completion of the program, students are fully prepared to compete and succeed in the design industry.

This concentration requires several Communication Arts courses to be taken. For those majoring or minoring in Graphic Design, any prerequisite listed for a Communication Arts course DOES NOT apply. Note that ART 491 (Graphic Design Senior Seminar) and ART 490 (Visual and Performing Arts Internship) are both required.

BACHELOR OF ARTS IN GRAPHIC DESIGN

LOWER-DIVISION

Course	Title	Credit Hours
ART 101	Two-Dimensional Design	3
ART 102	Drawing I	3
ART 202	Drawing II	3
ART 208	Introduction to Digital Design	3
ART 220	Graphic Design I	3
ART 230	Color Theory	3
ART 240	Typography I	3
CMM 260	Visual Communication	3
<i>Choose one of the following:</i>		3
ART 2XX or CMM 2XX		

UPPER-DIVISION

Course	Title	Credit Hours
ARH 315	History of Graphic Design	3
ARH 3XX	A second Art History	3
ART 320	Graphic Design II	3
ART 341	Typography II	3
ART 371	Website Development*	3
ART 490	Visual Arts Internship	3
ART 491	Graphic Design Senior Seminar	3
CMM 3XX/4XX	Communication Arts Elective	3
<i>Choose two from the following</i>		6
ART 3XX/4XX	Art Electives	

*Fulfils MTH/SCI/CIS core requirement for visual and performing arts majors.

Note: Prerequisites for CMM courses DO NOT apply for Graphic Design majors and minors only.

MINOR IN GRAPHIC DESIGN

The minor in Graphic Design requires a total of 24 hours.

LOWER-DIVISION

Course	Title	Credit Hours
ART 101	Two-Dimensional Design	3
ART 102	Drawing I	3
ART 208	Introduction to Digital Design	3
ART 220	Graphic Design I	3
ART 240	Typography I	3
CMM 260	Visual Communication	3

UPPER-DIVISION

Course	Title	Credit Hours
ARH 315	History of Graphic Design	3
ART 320	Graphic Design II	3

ART ADMINISTRATION

Program Director: Stephen Campbell, S.J.

The Art Administration program is intended for students with an interest in the visual and performing arts and a desire to pursue careers in the administration or management of arts organizations such as museums, theater companies, orchestras, and choruses. The program combines a broad exposure to the arts with significant training in management, marketing, event planning, strategic planning writing, development, and digital communication.

BACHELOR OF ARTS IN ART ADMINISTRATION

VISUAL ARTS CONCENTRATION

LOWER-DIVISION

Course	Title	Credit Hours
ACC 201	Principles of Accounting I	3
ECO 101	Principles of Macroeconomics	3**
ART 101	Two-Dimensional Design	3**
ART 102	Drawing I	3
ART 103	Ceramics I	3
ART 206	Painting I	3
ART 207	Printmaking I	3
ART 208	Introduction to Digital Design	3
CMM 220	Principles of Strategic Communication	3
CMM 225	Communication for Non-Profits	3
WRI 251	Introduction to Media Writing	3

UPPER-DIVISION

Course	Title	Credit Hours
ARH 310	Prehistoric to Renaissance Art	3
ARH 311	Renaissance to Modern Art	3
ARH 312	Modern Art	3
ARH 313	Contemporary Art	3
ART 490	Internship	3
MGT 301	Management Principles	3
MGT 495	Special Topics in Management: Social Entrepreneurship	3
MKT 311	Marketing Principles	3
<i>Choose two from the following</i>		6
MKT 364	Media Planning and Measurement	
MKT 365	Strategic Writing	
MKT 366	Strategic Planning for PR and Advertising	

** Fulfils Core Requirement

PERFORMING ARTS CONCENTRATION**LOWER-DIVISION**

Course	Title	Credit Hours
ACC 201	Principles of Accounting I	3
ECO 101	Principles of Macroeconomics	3**
ART 208	Introduction to Digital Design	3**
ART 253	Introduction to Digital Video Production	3
CMM 220	Principles of Strategic Communication	3
CMM 225	Communication for Non-Profits	3
ENG 242	Introduction to Drama and Theater	3**
MUS 221	Music Appreciation I	3
MUS 222	Music Appreciation II	3
MUS 280	Jazz History	3
THR 250	Acting I	3
THR 251	Introduction to Performance Studies	3
WRI 251	Introduction to Media Writing	3

UPPER-DIVISION

Course	Title	Credit Hours
ART 490	Internship	3
MGT 301	Management Principles	3
MGT 495	Special Topics in Management: Social Entrepreneurship	3
MKT 311	Marketing Principles	3
<i>Choose two from the following</i>		6
MKT 364	Media Planning and Measurement	
MKT 365	Strategic Writing	
MKT 366	Strategic Planning for PR and Advertising	
THR 480	Global Performance and Design	

** Fulfils Core Requirement

LOWER-DIVISION COURSES: VISUAL ART

ART 101. Two-Dimensional Design (3) A studio course introducing the basic elements of design through projects in a variety of media.

ART 102. Drawing I (3) Fundamental approaches to drawing techniques in various media with an emphasis on life drawing and perspective.

ART 103. Ceramics I (3) An introduction to the use of basic hand-building techniques in forming functional and sculptural objects in clay.

ART 202. Drawing II (3) A continuation of Introduction to Drawing with an emphasis on various drawing techniques as they apply to portraiture and figure drawing. Prerequisite: ART 102.

ART 206. Painting I (3) An introduction to painting with problems based on color composition and the development of visual ideas. Prerequisites: ART 101 and 102, or permission of the instructor.

ART 207. Printmaking I (3) Exploration of printmaking techniques with emphasis on intaglio and relief processes. Prerequisite: ART 102.

ART 208. Introduction to Digital Design (3) An introduction to desktop publishing using the Macintosh operating system. Students will be introduced to design industry standard programs and create various digital projects throughout the semester. The goal of this course is to gain an understanding of basic graphic design concepts, elements and terminology, use of hardware/software, image manipulation, file management, printing strategies and professional presentation of images and information. Students will acquire foundational digital skills, an introductory understanding of design principles and knowledge of the design process.

ART 209. Three-Dimensional Design (3) An introduction to visual expression in three dimensions, developing the capacity to see and manipulate form, texture, light and color in space.

ART 220. Graphic Design I (3) An introduction to visual communications, including the relationship between word and image in a two-dimensional space. Emphasis is placed on creativity and idea development methods, design and visual perception and the entire process from visualization to production. Major topics include: the elements and principles of design as applied to graphic design, Gestalt psychology, typography and basic graphic design theory. Assignments give students a chance to use the tools of the graphic designer in applying theory to practical problems. Prerequisite: ART 101, 102, and 208; or permission of the instructor.

ART 230. Color Theory (3) Studio course in the nature and use of color. Students develop an understanding of color as a vital element in design, study and analysis of traditional and electronic sources. Prerequisite: ART 101.

ART 240. Typography I (3) A studio course in the use of typography and its relationship to graphic design. Students gain insight into typographic design as they complete studies revealing underlying concepts of typographic form and meaning. Typographic skill and expertise is acquired through a combination of knowledge, practice and experience. This course will challenge students to explore and experiment with type to learn their forms, history, vocabulary and potential for communication. Through a series of projects and exercises supported by readings and lectures, students will acquire a solid foundation for practicing purposeful and expressive typography and gain an understanding of the fundamentals of typographic design. Prerequisite: ART 208

ART 253. Introduction to Digital Video Production (3) Same course as CMM 253. (Communication Arts students take this course as CMM 253, not ART 253.)

ART 254. Introduction to Photography (3) Same course as CMM 254. (Communication Arts students take this course as CMM 254, not ART 254.)

ART 299. Special Topics (1-3) Course work offered by visiting artists and other special topics not in regular course offerings. These may be used by art majors and minors to fulfill art credit at the discretion of the department.

UPPER-DIVISION COURSES: VISUAL ART

ART 301. Advanced Drawing (3) An advance studio course using different approaches to various drawing media with an emphasis on figure drawing. Taught in conjunction with Drawing II. Prerequisite: ART 202.

ART 302. Illustration (3) An introduction to the art and discipline of illustration, creating visual images that communicate ideas and information. Prerequisite: ART 102 and 208, or permission of the instructor.

ART 303. Ceramics II (3) An exploration of design concepts in clay using both hand building and wheel techniques. Prerequisite: ART 103.

ART 306. Painting II (3) A course in color theory and painting techniques. Problems include art historical research and visual problem solving. Prerequisite: ART 206.

ART 307. Printmaking II (3) Skills in intaglio and relief printing will be developed and non-traditional methods of printmaking will be explored. Prerequisite: ART 207.

ART 310. Mixed Media (3) This course will emphasize the use of mixed media in an increasing range of complexity. Projects will be directed toward personal development with discussion and analysis. Students will develop a series of mixed-media objects that demonstrate visual research and technical proficiency. Prerequisites: ART 101 and 102.

ART 320. Graphic Design II (3) The use of more advanced tools, visualization media and techniques will be explored with an emphasis on portfolio development. Prerequisite: ART 208 and 220.

ART 338. Advanced Photography (3) Same course as CMM 338. Prerequisite: CMM/ ART 254.

ART 341. Typography II (3) A studio course in the use of advanced and conceptual typography. Students gain insight into typographic layout design, applied typography, publication design and experimental typography. This course will build on skills acquired in ART240 Typography I with further emphasis on technique, concept development and creative problem solving. Environmental design best practices will be explored and three-dimensional typographic form will be introduced. Upon completion of this course students will demonstrate typographic proficiency across a variety of design assignments. Typographic skill is refined, design and typographic vocabulary is demonstrated, an ability to analyze works of design perceptively and evaluate them critically is acquired. Prerequisite: ART240 and ART320.

ART 371. Website Development (3) A course designed to introduce the student to website development incorporating data technology. Technologies used to create dynamic data-driven web pages will include Dreamweaver, PHP, MySQL, XHTML and CSS. In addition, the student will learn to interact with and manage a website on a remote server. Substantial lab work will be expected. Cross-listed as CIS 371.

ART 403. Ceramics III (3) An extension of Ceramics II. Prerequisite: ART 303.

ART 406. Painting Concepts (3) A course that stresses independent development and execution of visual ideas in paint media. Prerequisites: ART 306.

ART 408. Ceramics IV (3) An extension of Ceramics III using clay as a base in techniques and concepts. Students will be expected to do research in various related interests. Prerequisite: ART 403.

ART 410. Advanced Printmaking I (3) Advanced methods of printmaking techniques with emphasis on intaglio and relief processes and introduction to color. Prerequisite: ART 307.

ART 411. Advanced Printmaking II (3) A continuation of advanced methods of printmaking techniques with emphasis on intaglio and relief processes and introduction to color. Prerequisite: ART 410.

ART 416. Painting Concepts II (3) An extension of Painting III. Prerequisites: ART 406.

ART 417. Painting Studio I (3) A course that stresses independent development and execution of visual ideas in painting. Students will create a body of work that is conceptually challenging and expresses an authentic aesthetic voice. Prerequisite: ART 416 and permission of instructor.

ART 418. Painting Studio II (3) A continuation of Advanced Painting I that stresses independent development and execution of visual ideas in painting. Students will create a body of work that is conceptually challenging and expresses an authentic aesthetic voice. Prerequisite: ART 417 and permission of instructor.

ART 430. Branding (3) This upper division studio course offers students a solid foundation to survey the unique challenges of adapting typography, illustration and photography to practice clear communication of the message and brand creation in multiple forms. Students will engage in exploration of creative solutions in both two and three-dimensional form for community organizations. History and social context of branding and advertising will be covered. Upon successful completion of this course students will be able to demonstrate a knowledge of branding, understand the role and its relationship to design, exhibit critical thinking skills and acquire an understanding of design thinking and marketing strategies. Prerequisite: ART320.

ART 435. Motion Graphics (3) A hands-on course concentrating on manipulation of digital video materials, particularly of stills, typography and other graphic elements in a variety of video formats. The course includes an introduction to computer animation software principles and applications. Departmental equipment provided for use by students enrolled in this course. Prerequisites: CMM 253 or permission of instructor. Lab Fees: Curriculum, Equipment and Supply. Same as CMM 435 Motion Graphics.

ART 490. Visual Arts Internship An internship experience under the supervision of Spring Hill College faculty and an experienced art-business, studio art, graphic design or similar professional. Provides students meaningful field experience, building their portfolios and benefiting the professionals to whom they are assigned. Prerequisite: Permission of the instructor. Cross-listed as CMM 490. Variable credit; may be repeated for up to six credit hours. The combined maximum earned hours for CMM 490 and ART 490 is six hours.

ART 491. Graphic Design Senior Seminar (3) (W) (O) Comprehensive experience. Graphic design majors will complete work, plan and execute a senior exhibit or presentation and portfolio.

ART 493 Senior Studio I (3) An independent studies studio course taken in conjunction with ART 495, Studio Senior Seminar I. Students will create a cohesive body of work for the senior exhibition in a medium of choice. Prerequisites: 9 hours of 3xx, 4xx level studio art courses.

ART 494 Senior Studio II (3) A continuation of ART 493, Senior Studio I, an independent studies studio course taken in conjunction with ART 496, Studio Senior Seminar II. Students will create a cohesive body of work for the senior exhibition in medium of choice. Prerequisite: ART 493.

ART 495. Studio Senior Seminar I (2) (W) Comprehensive experience. Studio art majors will focus on the writing portion of portfolio development.

ART 496. Studio Senior Seminar II (2) (O) Comprehensive experience. Studio art majors will complete work, plan and execute a senior exhibit.

ART 497. Art Education Senior Seminar (2) (O) Comprehensive experience. Art-Education majors will complete work, prepare and present a public capstone presentation and exhibition of work.

ART 499. Special Topics (1-3) Work in a special area of studio or graphic art.

LOWER-DIVISION COURSES: ART HISTORY

ARH 100. Art Appreciation (3) A broad overview of the visual arts. Not intended for art majors.

ARH 200. The Great Artists (3) A quick survey of the greatest visual art and artists of the Western World. Not intended for art majors.

ARH 299. Special Topics (3) Work in a special area of art history or research. Hours and credit to be arranged by the department chair.

UPPER-DIVISION COURSES: ART HISTORY

ARH 310. Prehistoric to Renaissance Art (3) (W) A survey of the major visual art forms of western civilization from their prehistoric beginning into the Renaissance.

ARH 311. Renaissance to Modern Art (3) (W) A survey of the major visual art forms of Western civilization from the Renaissance to the twentieth century.

ARH 312. Modern to Contemporary Art (3) (W) An investigation of major movements in visual art of the twentieth century. (Bibliographic instruction course.)

ARH 313. Contemporary Art (3) A survey of major trends in contemporary art and contemporary visual culture in today's globalized world.

ARH 315. History of Graphic Design (3) (W) A survey of graphic design, events and major achievements from prehistory to the present. The course emphasizes the evolution of graphic communication and places contemporary design in historical context. Upon successful completion of this course students will be knowledgeable of the fundamental design movements, influences, technological advancements and evolution of graphic design. Students become familiar with individuals that have shaped design culture and their impact on design theory and modern practice. Through lectures, discussions, presentations, research and both written and studio assignments students acquire a solid foundation of graphic design history.

ARH 499. Special Topics (1-3) Work in a special area of art history or research.

MUSIC (MUS)

MUS 115. Music Fundamentals (3) Students will develop basic musical skills with an emphasis on harmonic, melodic and rhythmic patterns. Ear-training, musical dictation and basic piano skills are included.

MUS 130. Applied Piano (1) 45-minute private lessons for twelve consecutive weeks. Students are expected to practice, at the minimum, seven to 10 hours per week. Students will attend private lessons and will perform each semester in a piano recital. Students may also be required to attend selected concerts and recitals as prescribed by the instructor. Applied music course fee: \$420 per semester. May be repeated for up to eight hours credit.

MUS 140. Applied Organ (1) 45-minute private lessons for twelve consecutive weeks. Students are expected to practice, at the minimum, seven to 10 hours per week. Students will attend private lessons and will perform each semester in an organ recital. Students may also be required to attend selected concerts and recitals as prescribed by the instructor. Applied music course fee: \$420 per semester. May be repeated for up to eight hours credit.

MUS 150. Music Theory (3) An introduction to the stylistic practices of music from the 17th and 18th centuries and modern vernacular music where appropriate. Review of music fundamentals including scales, intervals and notational practices, followed by an examination of several melodic, harmonic, rhythmic and formal structures found in music.

MUS 160. Applied Voice (1) 45-minute private lessons for twelve consecutive weeks. Students are expected to practice, at the minimum, seven to 10 hours per week. Students will attend private lessons and will perform each semester in a vocal recital. Students may also be required to attend selected concerts and recitals as prescribed by the instructor. Applied music course fee: \$420 per semester. May be repeated for up to eight hours credit.

MUS 170. Liturgical Chorus (1) Vocal ensemble focused on the study of sacred music from the medieval through contemporary for performance in the context of worship. Members are expected to perform weekly for college liturgies. May be repeated for up to eight hours credit.

MUS 180. Applied Guitar (1) 45-minute private lessons for twelve consecutive weeks. Students are expected to practice, at the minimum, 7-10 hours per week. Students will attend private lessons and will perform each semester in a recital. Students may also be required to attend selected concerts and recitals as prescribed by the instructor. Applied music course fee: \$420. May be repeated for up to eight hours credit.

MUS 190. Chorale (1) Vocal ensemble focused on preparation of choral music from the Renaissance to contemporary periods for performance in concert. May be repeated for up to eight hours credit.

MUS 221-222. Music Appreciation (3-6) A study of the development of the musical art forms and intelligent appreciation of the masterpieces of music developed through lectures and recordings.

MUS 250. Music Theory II (3) A continuation of Music Theory I. Topics include harmony and voice-leading, applied dominant chords and modulations and analysis of basic tonal phrase rhythm. Prerequisite: MUS 150.

MUS 280. Jazz History (3) A study of the origins and development of Jazz. Students will be challenged to develop detailed aural skills as well as process abstract musical principles, concepts and forms.

MUS 285. Jazz Band (1) This course provides the opportunity for participation in a performing ensemble. Emphasis is placed on rehearsing and performing literature appropriate to the mission and goals of the group. Upon completion, student should be able to effectively participate in performances presented by the ensemble. May be repeated for up to eight hours of credit.

MUS 299. Special Topics (1-3) Special topics in performance, music history, musicology and research.

MUS 499. Special Topics (1-3) Special topics in performance, music history, musicology and research.

MEDIA AND PERFORMING ARTS (MPA)

Program Directors: Stephen F. Campbell, SJ and Ryan Noble

The program in media and Performing Arts engages students in practical and theoretical explorations of narrative (fictionalized) film production and live performance forms, from the adaptation and staging of texts (on screen and on stage), to film and media production, acting (on and off camera), cinema and media studies, spoken word, video content creation and other areas in media and performing arts. Students in the program enter the world of media production and performance as an important and emerging field of study and are challenged to think creatively, critically, and historically about the world around them as they identify and interpret the power of image, sound, gesture and movement, and cultivate their own artistic voices. Students will apply their interdisciplinary knowledge through a senior synthesis project that results in a short film, creative presentation, video content series, ethnographic visual text, or other multimedia production.

BACHELOR OF ARTS IN MEDIA AND PERFORMING ARTS

LOWER-DIVISION

Course	Title	Credit Hours
CMM 145	Introduction to Media Studies	3
THR 250	Acting I	3
THR 251	Introduction to Performance Studies	3
ART 253	Introduction to Digital Video Production	3
<i>Choose one of the following:</i>		6
ART 208	Introduction to Digital Design (3)	
ART 209	Three-Dimensional Design (3)	
<i>Choose one of the following:</i>		6
CMM/ART 254	Introduction to Photography (3)	
ENG 242	Introduction to Drama and Theater (3)*	

* Fulfills one of four ENG Core requirements

UPPER-DIVISION

Course	Title	Credit Hours
CMM 329	Digital Cinema Production	3
THR 450	Acting for the Camera	3
THR 498	Senior Synthesis Project	3
<i>Choose six from the following:</i>		18
CMM 324	Media Law (3)	
CMM 327	History of Film and Television (3)	
CMM/WRI 331	Scriptwriting (3)	
CMM/ART 338	Advanced Photography (3)	
CMM 370	Communication Theory (3)	
CMM 429	Advanced Digital Video Production (3)	
CMM/ART 435	Motion Graphics (3)	
THR 350	Acting II (3)	

ENG 445	American Drama (3)
THR/ENG 465	Modern Drama (3)
THR 480	Global Performance and Design (3)
THR/ENG 485	Shakespeare (3)
THR 490	Play Directing (3)
THR/WRI 492	Playwriting (3)
THR 493	Adaptation: Text/Theatricality (3)
THR 494	Performance Studio (3)
THR 495	Special Studies (3)

MINOR IN MEDIA AND PERFORMING ARTS**LOWER-DIVISION**

Course	Title	Credit Hours
THR 250	Acting I	3
THR 251	Introduction to Performance Studies	3
ART 253	Introduction to Digital Video Production	3
<i>Choose one of the following:</i>		
ART 208	Introduction to Digital Design (3)	
ART 209	Three-Dimensional Design (3)	
CMM/ART 254	Introduction to Photography (3)	
ENG 242	Introduction to Drama (3)	

UPPER-DIVISION

Course	Title	Credit Hours
<i>Choose one of the following:</i>		
CMM 324	Media Law (3)	3
CMM 327	History of Film and Television (3)	
CMM/WRI 331	Scriptwriting (3)	
CMM/ART 338	Advanced Photography (3)	
CMM 370	Communication Theory (3)	
CMM 429	Advanced Digital Video Production (3)	
CMM/ART 435	Motion Graphics (3)	
THR 350	Acting II (3)	
ENG 445	American Drama (3)	
THR/ENG 465	Modern Drama (3)	
THR 480	Global Performance and Design (3)	
THR/ENG 485	Shakespeare (3)	
THR 490	Play Directing (3)	
THR/WRI 492	Playwriting (3)	
THR 493	Adaptation: Text/Theatricality (3)	
THR 494	Performance Studio (3)	

LOWER-DIVISION COURSES: THEATER

THR 245-246. Theater Production I-II (1-3) Credit depends on amount of work contracted with instructor: 30 hours study/work = 1 credit hour) A student may concentrate on one or more areas of theater production (lighting, costuming, scenery, properties, make-up, music/sound, acting, directing) in formal academic study and/ or practical work on a production. Assignments will be arranged with the instructor.

THR 250. Acting I (3) (O) A first course in acting, designed as a workshop, to include improvisation, role-playing, sensitizing of physical and mental tools. Analysis of skills and problems of individual students.

THR 251. Introduction to Performance Studies (3) Performance Studies has been described as a marriage of theater and anthropology, yet it is both more and less than those two disciplines. Students will read and analyze foundational texts as well as create practical projects based on methodologies studied, including participant-observation ethnography.

THR 285. Special Topics (1-3) Special topics in performance, dramatic literature, history, or design.

UPPER-DIVISION COURSES: THEATER

THR 350. Acting II (3) Continuation of Acting I. Emphasis on scene and monologue study, script analysis. Thirty-hour production requirement. Prerequisites: Sophomore standing; Acting I or equivalent.

THR 450. Acting for the Camera (3) This course will help students transition from stage acting to acting for the camera and will cover basic camera acting techniques, procedures, script analysis and auditioning. Students will be required to participate in exercises and/or film shoots outside of class time. Prerequisite: THR 350.

THR 465. Modern Drama (3) (W) A study of dramatic works from Ibsen to the contemporary experiments of playwrights like Peter Shaffer and Sam Shepard. (Same course as ENG 465.) Prerequisites: English core requirements.

THR 480. Global Performance and Design (3) (W) This course offers an introduction to basic texts of performance theory and directs the methodological questions derived from those texts to the study of performance practices and spaces in context, exploring Paleolithic ancient, and medieval performance and design histories in global, cross-cultural perspective. Prerequisite: THR 251.

THR 485. Shakespeare (3) (W) A detailed study of the best-known works of Shakespeare-histories, comedies and tragedies. (Same course as ENG 485.) Prerequisites: English core requirements.

THR 490. Theory and Practice of Play Directing (3) An introduction to the major theories and practical techniques of play direction. Each student will be required to direct the production of a one-act play in the last half of the course. Prerequisite: THR 245.

THR 492. Playwriting (3) (W) Critical analysis of dramatic structure for the playwright. Scenarios, character studies and writing of a one-act play. (Same course as WRI 492.) Prerequisites: English core requirements.

THR 493. Adaption: Text/Theatricality (3) A workshop focused on the preparation of literary texts for performance. Study of a variety of texts with attention to forms of speech, the gap between writing and speech, narrative style and function. Prerequisites: English core requirements.

THR 494. Performance Studio (3) Critical analysis of structure of contemporary solo performance. A workshop in writing and performance of original performance pieces. Prerequisites: English core requirements.

THR 495. Special Studies (3) The course will concentrate on one of the following: acting, set design, costume design or lighting. Prerequisites: English core requirements.

THR 497. Theater Internship (3-6) A supervised, professional work experience. Prerequisites: English core requirements and the permission of the program director.

THR 498. Senior Synthesis Project (3) (W) The study of a chosen area of theater (e.g., history/criticism, performance theory, design theory), through analysis and independent critical research, which results in written documentation and public presentation(s) in the form of a lecture/recital appropriate to the area of focus. Required of all seniors in the drama program and intended principally for them. Prerequisite: Senior standing or permission of instructor.

DIVISION OF EDUCATION

Division Chair/Program Director: Paige Raney, PhD

The goals of the Division of Education are to prepare teachers who: (a) **demonstrate knowledge and abilities** necessary to be effective professional educators; (b) exhibit professional **values and dispositions** necessary for creating supportive and constructive learning communities in a culturally diverse society; (c) effectively implement **research-based best practices** in teaching and learning; and (d) participate in continuous **reflective practice** in order to improve their teaching and practices and make positive changes in their classrooms, schools and communities. In July 2009, the Alabama State Board of Education adopted the *Alabama Educator Code of Ethics* which defines professional behavior and serves as a guide for ethical conduct for all public-school personnel and, as applicable, pre-service teachers. Specific information about the code is available from education advisors and in the Education Office.

The programs, which combine liberal education and strong professional preparation, are designed to instill in students the highest standard of professional behavior. The desired outcome is that graduates will make a difference in the lives of their students.

The undergraduate programs lead to teacher certification in elementary education, secondary education, and visual arts. Coursework in education combines lecture and discussion in the college classroom with extensive laboratory experiences in the local schools. The professional sequence culminates in a full-time internship in an approved local school or facility.

Faculty in the Division of Education maintain knowledge of current issues and practices in P12 education through a variety of measures: contact with the State Department of Education, the Spring Hill College Advisory Council, personal contact with cooperating teachers during students' field experiences and internships, through workshops and professional development provided by our faculty in P12 settings, inviting P12 practitioners to speak in our education classes and by volunteering time to work with P12 students.

The education unit shall have the responsibility, authority and personnel to develop, administer, evaluate and revise all professional education programs. The unit effectively manages or coordinates all programs so that candidates are prepared to meet standards.

ALABAMA STATE DEPARTMENT OF EDUCATION

Policies and regulations governing the issuance of teacher certificates are under the authority of the Alabama State Board of Education. Spring Hill College cannot assume responsibility for changes in certification requirements due to changes in the Alabama State Board of Education policies and/or regulations. Additionally, education students agree to permit Spring Hill College to share appropriate student information with the Alabama State Board of Education as requested by them.

The *Alabama Educator Code of Ethics* defines professional behavior and serves as a guide for ethical conduct for all public-school personnel and, as applicable, pre-service teachers. Specific information about the code is available from education advisors and in the Education Office.

Undergraduate students follow Alabama State Board of Education programs approved in April 2021. Information regarding alternative routes to certification in the State of Alabama is available in the Division of Education Office.

THE DIVISION OF EDUCATION GUARANTEE

The Division of Education guarantees the success of individuals who complete its approved programs and are employed in their area(s) of specialization in the State of Alabama. The Division of Education shall provide remediation at no cost to a graduate who has been recommended by the Division's Certification Officer and who, within two years after program completion, is deemed by his/her principal to be unsatisfactory based on performance evaluations established by the Alabama State Board of Education. Notification to the Division of Education by the Alabama State Board of Education must occur within two years following program completion.

In any situation where unsatisfactory performance, based upon Alabama State Board of Education evaluation, has been determined, the Spring Hill College Division of Education faculty make final determination as to the type of remediation required. Also, the education faculty reserve the right to have the graduate in need of remediation return to the Spring Hill College campus in Mobile, Alabama, for additional coursework and/or laboratory field experience activities. Should a graduate need to return to the College campus for remediation, the College does not assume any responsibility for general living income or expenses including, but not limited to, loss of income, transportation, room and board or lodging, meals, etc. The only responsibility the College assumes is the cost of tuition and the cost of texts for the course(s) that a graduate may be required to complete.

CHANGES IN DIVISION OF EDUCATION PROGRAMS

Changes in any education program that leads to certification, all approved by the Alabama State Board of Education, may apply to currently enrolled students. The NASDTEC Interstate Certification Agreement makes it possible for graduates to attain certification in a variety of states in every region of the country.

Authorization by the Alabama State Board of Education shall be secured before a proposal for a new program is reviewed. Candidates shall not be enrolled in courses unique to a proposed program prior to program approval.

If the Alabama State Board of Education chooses to eliminate standards for a teaching field or area of instructional support, the State Superintendent of Education will communicate directly with the Educator Preparation Program (EPP) heads.

If an institution chooses to discontinue a program or place it on inactive status, the EPP head shall give written notification of this decision to the State Superintendent of Education. The notification shall include the names and other identifying information of candidates who have been admitted to the program to be discontinued or placed on inactive status, along with each candidate's anticipated program completion date. Receipt of that notification shall be confirmed by the State Superintendent of Education. No other candidates shall be admitted to the program.

An EPP may choose to reactivate an inactive program at any time prior to the date of the next comprehensive review for all other programs, if all standards applicable to the inactive program continue to be met. If the active program is not reactivated before the next comprehensive review, it must be addressed as a new program.

COURSEWORK POLICIES

Courses with grades below C- in the teaching field, professional studies (EDU courses), and general studies must be repeated and passed with the grade of C- or better. Courses with an "EDU" prefix may be repeated only one time. Courses that need to be repeated are taken at regularly scheduled class times. See education faculty advisor for further information.

Any courses and/or credits verified on an official transcript and used to meet state-approved program requirements must be from regionally accredited institutions. These courses must be college-level; remedial courses are disallowed.

Transferred courses and/or credits used to meet approved program requirements in professional studies, instructional support, or other approved program requirements (courses other than general studies and arts and science type courses used to meet academic major requirements) must have been completed at a regionally accredited institution that prepares teachers on the same degree level of certification.

If an individual completes Class B program at an institution and wants to return to the same institution for a new Class B program, professional studies courses common to both approved checklists are not subject to the five-course limit. However, if the individual has taken more than five professional studies courses on the checklist of the second program, no additional professional studies courses may be taken prior to unconditional admission.

Coursework and/or a degree accepted from institutions outside the United States must be substantiated by an evaluation of the foreign credentials from a state, federal, or private foreign credential evaluation service recognized by the State of Alabama Education and Certification Office.

Because of the need for knowledge and abilities that reflect current rules and standards of the Alabama State Board of Education, no credits in professional studies (EDU courses), in general studies, and in the teaching field used to satisfy education requirements for certification, earned prior to six years before current matriculation at Spring Hill College, will be accepted without evaluation by the education faculty.

Once admitted to Spring Hill College, all remaining courses with education labels (EDU) must be completed at Spring Hill College during regularly scheduled class times. Undergraduate education courses are offered during the fall and spring terms. Undergraduate education courses are not offered during summer sessions.

EDUCATOR PREPARATION PROGRESSION POINTS

Admissions

Admission to the college does not qualify a student for admission to programs offered through the Division of Education. Spring Hill College undergraduate students seeking

admission to an education program normally complete the required lower-division courses in education at Spring Hill prior to being admitted to a program.

In order to be unconditionally admitted to an education program, students must submit a formal written application and meet the following minimum criteria:

1. **Hours:** Completion of at least 60 semester hours of which at least 42 semester hours are in the general studies program. Additionally, appropriate lower-division coursework in education is completed.
2. **GPA:** A minimum GPA of 2.75 overall (and used as the basis for granting the degree) in accordance with university policy; 2.75 in professional studies courses listed on the approved checklist for the program; and 2.75 in the teaching field listed on the approved checklist for the program. (*Note:* The Division must insure that each accepted cohort of Class B program candidates meets or exceeds the minimum GPA of 3.0.)
3. **Standardized Test Scores (Basic Skills and Knowledge):** A passing score on all sections of the Praxis I CORE Academic Skills Test. The score report must be submitted to the Education Office before admission can be approved. Minimal test scores for acceptance are posted on the Bulletin Board in the Division of Education hallway in the Lucey Administration Center and on the Division of Education Assessment webpage. (Note: Praxis Core Reading and Writing scores may be waived if applicant earned a 22 or better on the ACT English subscore; Praxis Core Math score may be waived if applicant earned a 21 or better on the ACT Math subscore.)
4. **Interview Process:** As part of an interview process, applicants will be evaluated on their oral communication skills, written (handwritten sample) aptitudes, interests, and educator dispositions that are consistent with the requirements for successful teaching. Evaluation rubrics for various areas of the interview can be found on the Division of Education Assessment webpage.
5. **Lab Experiences:** Satisfactory completion of lower-division laboratory and other experiences designed to assist the student in making a wise career choice.
6. **5-Day Structured Field Experience:** Satisfactory completion of a Five-Day Structured Field Experience. The education faculty must approve the school setting and grade level. Five-day experiences must be completed in five consecutive bell-to-bell school days.
7. **Signed Form Acknowledging Understanding of Rules and Regulations:** Signature of the student on the appropriate form indicating that he/she is aware of and responsible for the Alabama State Department of Education knowledge and abilities rules and regulations required for completion of the desired education program, and agreeing to permit Spring Hill College to share appropriate student information with the Alabama State Department of Education as requested.
8. **Background Check:** Background and fingerprint clearance by the Alabama State Department of Education (ALSDE). The student is responsible for payment of the non-refundable required fee. The applicant will be provided a Letter of Suitability from the State Department of Education. This letter must be submitted to the Education Office before admission can be approved. Only a service provider approved by the ALSDE may be used. (If the student does not receive clearance, he/she has the right to due process procedures.) Additional information is available through the Education Office.
9. **Children and Adolescent Protection Program Training:** Attendance at a training session of the Children and Adolescent Protection Program, sponsored by the Office of

Child and Adolescent Protection through the Archdiocese of Mobile. This training session will be provided in education courses to be selected by the education faculty. The student is responsible for payment of the required fee.

When the student has met the above criteria and the education faculty has approved, the student shall be notified in writing of his/her acceptance. Students who fail to meet the criteria described above upon initial application must meet all admission requirements within one year after completion of lower-division education coursework.

Retention Requirements

Students must meet the following minimum retention requirements to remain in education programs:

1. **GPA:** A minimum GPA of 2.75 overall (and used as the basis for granting the degree) in accordance with university policy; 2.75 in professional studies courses listed on the approved checklist for the program; and 2.75 in the teaching field listed on the approved checklist for the program. (*Note:* The Division must insure that each accepted cohort of Class B program candidates meets or exceeds the minimum GPA of 3.0.)
2. **Lab Experiences:** Demonstrated potential for teaching, including successful performance in laboratory experiences in a variety of diverse learning environments. All undergraduate laboratory experiences, lower-division and upper-division, will be for at least three weeks. Students in all programs must complete laboratory experiences in blocks of at least three hours. All secondary education junior block labs/clinicals must be completed in classrooms in which instructors are master's level teachers in the appropriate teaching field.
3. **Two additional Five-Day Structured Field Experiences (Secondary and Visual Arts only):** Secondary and Visual Arts students must complete two additional Five-Day Structured Field Experiences during their junior block. Placement(s) must be approved by the education faculty. These experiences must be completed in the appropriate teaching field(s) prior to the internship term, and must be in addition to and separate from regularly scheduled laboratory experiences. See education faculty advisor or the Education Office for details.
4. **Application for Internship:** Review of performance and approval by the education faculty. (*Note:* Failure to perform or conduct oneself according to the rules and guidelines for laboratory experiences, the five-day structured field experience or the internship can result in the education faculty's refusal to permit a student to continue in the education program.)
5. **Praxis II Content Area Tests (Pre-Internship):** A passing score report for the appropriate content area of the Praxis II Subject Assessment Test must be on file in the Division of Education before registration for the internship term will be approved. Additionally, elementary education majors must have a passing score report on file for the Praxis II Teaching Reading test before beginning their internships. Students are required to take the exam no later than the earliest scheduled test date in their final semester of junior block.
6. **Ongoing Check of Dispositions:** If, in the course of the student's progressing through the program, deficiencies in knowledge, skills, teaching performance or dispositions for

teaching become evident, the education faculty will meet to discuss the observed deficiency to determine a course of action.

Completion Requirements

Students must meet the following minimum completion requirements to qualify for a degree and for initial certification:

1. **Program Completion and GPA Check:** Satisfactory completion of a State-approved program with a minimum GPA of 2.75 overall (as confirmed on the transcript when the degree was granted), 2.75 in the teaching field, and 2.75 in professional studies courses with no grade below a C- in professional studies courses. (*Note:* The division must insure that each accepted cohort of Class B program candidates meets or exceeds the minimum GPA of 3.0.)
2. **Successful Completion of Internship:** Demonstrated readiness to teach through successful on-the-job performance as an intern. The internship takes place in an approved local school or facility. The internship shall be full-time for one semester and a minimum of 600 clock hours, with experiences of the intern progressing to the full responsibilities of the teacher for at least twenty days including at least 10 consecutive days. Students seeking certification in two or more distinct teaching fields shall complete an additional internship. (Please see additional policies related to internships below this section.)
3. **edTPA (Completed during internship):** All teacher candidates are required to participate in edTPA , a performance-based, subject-specific assessment and support system to emphasize, measure and support the skills and knowledge that all teachers need from Day 1 in the classroom. A passing edTPA score in the 3-hour internship section is both a graduation and certification requirement of the Alabama State Department of Education and Spring Hill College.
4. **Program Completion:** A teacher candidate must meet all the program requirements for degree conferral at Spring Hill College. Completion of the education program must occur within four years after unconditional admission to the program. A candidate who does not complete the program within a four- year period may apply for reinstatement.

Internship Description and Policies

An internship is required for completion of all undergraduate education programs at Spring Hill College. The education faculty will not waive the internship requirement. Additionally, the appropriate internship must be completed in an approved local school, under the administration of Spring Hill College education faculty.

Secondary education internships will not be approved at a school which the intern attended. Interns may substitute teach for compensation, to be paid by the school district in question, in their assigned school upon satisfactory completion of the 20 full-time days of teaching and with their college supervisor's approval.

With the exception of required EDU courses that align with the senior semester, students are disallowed from enrolling in additional coursework during the internship semester. If circumstances arise which make additional coursework necessary, a request for approval by the education faculty must be made in writing to the division chair. Interns are required to be familiar with the current edition of The Guidebook for Professional Experiences: Internships.

Should the education faculty terminate an internship, the education faculty decides whether a second and final internship may take place. The student must delay at least one semester but not more than two semesters, should a second and final internship be permitted. The education faculty determines the conditions, site, cooperating teacher, etc., under which the second and final internship takes place, if it does. Should the second and final internship be unsatisfactory, the student's education program will be terminated, and the student will not at any time in the future be recommended for a teaching certificate to any licensing agency.

Speech and Writing Competency

Speech competency is evaluated and assessed by: (a) education faculty during the interview required for admission to an education program, (b) the cooperating teacher and the student during scheduled lab experiences and the full-time, five-day structured field experience completed in a cooperating school, (c) the college supervisor, the cooperating teacher, and the student during the semester-long internship experience, and (d) completion of EDU 150 Oral and Written Language with a grade of C- or better for elementary students who begin collegiate study at Spring Hill College August 2008 and thereafter.

Writing competency is evaluated and assessed by: (a) education faculty during the interview required for admission to an education program and in the required divisional writing intensive courses, (b) the cooperating teacher and the student during the scheduled lab experiences and the full-time, five-day structured field experiences completed in cooperating schools, and (c) the college supervisor, the cooperating teacher, and the student during the semester-long internship experience.

The interview, the structured field experiences, and the internship are required of all education majors. Documentation recording satisfactory speech and writing competency is placed in the student's ARC (admission, retention, completion) file.

For assistance or for more specific information, please contact the chair of education.

BACHELOR OF SCIENCE DEGREE PROGRAMS IN EDUCATION

REQUIRED COURSES FOR ALL CERTIFICATION AREAS

Course	Title	Credit Hours
EDU 131	Human Development	3
EDU 260	Principles of Educational Psychology	3
EDU 322	Educational Tests and Measurements	3
EDU 331	Instructional Media and Technologies of Instruction	3
EDU 370	Survey of Exceptionality	3
EDU 391	Multicultural Teaching	3
EDU 401	History of Philosophy of Education	3

ELEMENTARY EDUCATION (GRADES K-6 CERTIFICATION)

Course	Title	Credit Hours
	Mathematics*	12
	Science*	12
	English*	12
	Social Sciences*	12
EDU 150	Oral and Written Language	3
EDU 270	Art for Children	3
EDU 271	Music for Children	3
EDU 280	Literature and Creative Drama for Children	3
EDU 325	The Language Arts Program	3
EDU 326	Foundations of Reading Instruction	3
EDU 328	Diagnosis and Adjustment of Reading Instruction	3
EDU 330	Strategies for Effective Classroom Management	3
EDU 373	Teaching Social Studies	3
EDU 375	Teaching Mathematics	3
EDU 377	Teaching Science and Health	3
EDU 378	Current Influences on Curriculum and Teaching	3
EDU 490 and EDU 499	Internship: Candidate Performance Assessment In Elementary Education and Internships in Elementary Education	3
EDU 499		9

*See education faculty advisor for course approval. Must be college-level (100 or higher).

Elementary Education Notes: (a) Students who major in Elementary Education follow a degree program that meets the requirements for teacher certification in grades kindergarten through six; and (b) All undergraduate students seeking admission to the elementary education programs, regardless of the beginning date of collegiate study, must complete 12 semester hours of college-level coursework in each of the following areas: English, Mathematics, Social Science and Science.

SECONDARY CERTIFICATION (GRADES 6-12 CERTIFICATION)**ADDITIONAL COURSE REQUIREMENTS**

Course	Title	Credit Hours
EDU 329	Reading in the Content Area	2
EDU 335 or	Lab: Reading in the Content Area (English Language Arts) <i>or</i> (Spanish) <i>or</i>	1
EDU 337 or	Lab: Reading in the Content Area (Spanish) <i>or</i>	1
EDU 338 or	Lab: Reading in the Content Area (Biology)	1
EDU 450	Strategies and Resources for Teaching In Secondary and Middle Schools	2
EDU 453 or	Lab: Instructional Strategies and Methodology in Teaching Biology <i>or</i>	1
EDU 455 or	Lab: Instructional Strategies and Methodology in Teaching English Language Arts <i>or</i>	1
EDU 457 or	Lab: Instructional Strategies and Methodology in Teaching Spanish <i>or</i>	1
Program Electives: [*]	(See advisor)	6
EDU 495 and	Internship: Candidate Performance Assessment	3
EDU 497	Internships in the High School	9

*See advisor in secondary education for information about teaching fields.

Secondary Education Notes: (a) Students who major in Secondary Education follow a program that leads to teacher certification at the high school level (grades six through twelve). Single or comprehensive teaching fields are selected from the following: Biology, English Language Arts, and Spanish (Hispanic Studies); (b) The Highly Qualified Teacher (HQT) requirements are determined by the Alabama State Department of Education and are subject to change at any time. Secondary education students will be expected to meet the HQT requirements in effect when they graduate; and (c) Completion of a secondary education certification or major program may require that coursework be taken during the summer session.

VISUAL ARTS EDUCATION

ADDITIONAL COURSE REQUIREMENTS

Course	Title	Credit Hours
EDU 270	Art for Children	3
EDU 329	Reading in the Content Areas	2
EDU 339	Lab: Reading in the Content Areas in Visual Art	1
EDU 450	Instructional Strategies and Resources for Teaching in Secondary and Middle Schools	2
EDU 458	Lab: Instructional Strategies and Resources for Teaching Visual Art	1
EDU 491	Internship: Candidate Performance Assessment	3
EDU 493	Internship in Visual Art Education	9

Visual Arts Education Notes: (a) Students who major in Visual Arts **education** follow a program that leads to teacher certification in grades kindergarten through twelve; (b) The Highly Qualified Teacher (HQT) requirements are determined by the Alabama State Department of Education and are subject to change at any time. Visual arts education students will be expected to meet the HQT requirements in effect when they graduate; and (c) Completion of a visual arts certification or major program may require that coursework be taken during the summer session.

LOWER-DIVISION COURSES

EDU 131. Human Development (3) Study of theories, methodology and research related to human development, with emphasis on educational practice. This course includes an orientation designed to assure that the student is aware of professional performance and experiences required for successful completion of the desired education program. Students will be introduced to and must have knowledge of the current *Guidebook for Professional Experiences: Undergraduate Clinical Experiences*. Supervised and pre-professional laboratory experiences required. Curriculum lab fee.

EDU 150. Oral and Written Language (3) Principles of oral and written communication and practical application of those principles. Emphasizes knowledge and skills appropriate to children in oral and written language and how to apply them. Includes methods of teaching basic language skills in elementary school. Curriculum lab fee. Prerequisite: Permission of Education Chair required. Laboratory experience required.

EDU 260. Principles of Educational Psychology (3) A survey of psychological principles of behavior and learning, basic needs, and the application of these principles to educational practice. Curriculum lab fee. Prerequisites: EDU 131; permission of Education Chair required. Laboratory experience required.

EDU 270. Art for Children (3) Knowledge and skills appropriate to children, including techniques and media for teaching art to children from nursery age through the sixth grade. Supervised laboratory experiences. This course meets the visual and performing arts requirement for elementary education majors. Curriculum lab fee. Prerequisites: EDU 131; permission of Education Chair required. Laboratory experience required.

EDU 271. Music for Children (3) Designed to provide skills necessary to work with children in music, the course focuses on two specific levels, ages four through eight and ages nine through 11. Supervised laboratory experiences. This course meets the visual and performing arts requirement for elementary education majors. Curriculum lab fee. Prerequisites: EDU 131; permission of Education Chair required. Laboratory experience required.

EDU 280. Literature and Creative Drama for Children (3) A comprehensive survey of the literature written for children; emphasis on the development of techniques for encouraging enjoyment of literature; a special component on the use of creative drama. Curriculum lab fee. Prerequisites: EDU 131; permission of Education Chair required. Laboratory experience required.

EDU 295. Education, Identity, and Culture: Representations in Film (3) This course focuses on psychological, sociological, political and historical factors that impact children and adolescent education and identity formation through the lens of popular film. Open to non-education majors.

UPPER-DIVISION COURSES

EDU 322. Educational Tests and Measurements (3) The development, administration, evaluation, and interpretation of educational assessment, including creating plans that integrate teaching and assessment; designing objective, performance and portfolio assessments; evaluating students and discussing evaluations with parents; and interpreting standardized tests. Curriculum lab fee. Prerequisite: Admission to education program. Supervised laboratory experiences.

EDU 325. The Language Arts Program (3) Language arts curriculum, teaching and media for children ages four through eleven. Laboratory experiences with children are an integral part of the course. Curriculum lab fee. Prerequisite: Admission to education program.

EDU 326. Foundations of Reading Instruction (3) Study of the foundation for and the acquisition of literacy, knowledge, techniques, and programs of reading instruction. Supervised laboratory experiences. Curriculum lab fee. Prerequisite: Admission to education program.

EDU 328. Diagnosis and Adjustment of Reading Instruction (3) Emphasizes a classroom-based diagnostic-instructional approach which employs practical techniques designed to advance learning in diverse students and at various stages of development. Supervised laboratory experiences. Curriculum lab fee. Prerequisite: Admission to education program.

EDU 329. Reading in the Content Areas (2) (D/C) Assists the student in understanding the reading process and in developing skills and habits essential in teaching reading in content areas. This course, together with the accompanying laboratory course, satisfies one diversity course requirement and must be completed prior to the beginning of the internship. Curriculum lab fee. Prerequisite: Admission to education program. Corequisite: Must register for EDU 332, 333, 335, 337, 338 or 339.

EDU 330. Strategies for Effective Classroom Management (3) An investigation of research related to instruction, management, learning and discipline that provides pre-service teachers foundations upon which to develop strategies for effective classroom management. Curriculum lab fee. Prerequisite: Admission to education program. Supervised laboratory experiences.

EDU 331. Instructional Media and Technologies of Instruction (3) An exploration of and practical experience with the preparation and use of various forms of instructional media including current and emerging technologies. Supervised laboratory experiences. Curriculum lab fee.

EDU 335. Lab: Reading in the Content Area (English Language Arts) (1) (D) To accompany EDU 329. This course is designed as a supervised laboratory experience and is co-taught by the instructor of EDU 329 and the secondary classroom practitioner in English language arts. This course, together with EDU 329, satisfies one diversity course requirement. The laboratory experience will be held during the day in a public, private, or parochial school. Curriculum lab fee. Corequisite: Must be registered for EDU 329.

EDU 337. Lab: Reading in the Content Area (Spanish) (1) (D) To accompany EDU 329. This course is designed as a supervised laboratory experience and is co-taught by the instructor of EDU 329 and the secondary classroom practitioner in Spanish. This course, together with EDU 329, satisfies one diversity course requirement. The laboratory experience will be held during the day in a public, private, or parochial school. Curriculum lab fee. Corequisite: Must be registered for EDU 329.

EDU 338. Lab: Reading in the Content Area (Biology) (1) (D) To accompany EDU 329. This course is designed as a supervised laboratory experience and is co-taught by the instructor of EDU 329 and the secondary classroom practitioner in biology. This course, together with EDU 329, satisfies one diversity course requirement. The laboratory experience will be held during the day in a public, private, or parochial school. Curriculum lab fee. Corequisite: Must be registered for EDU 329.

EDU 339. Lab: Reading in the Content Area (English Language Arts) (1) (D) To accompany EDU 329. This course is designed as a supervised laboratory experience and is co-taught by the instructor of EDU 329 and the secondary classroom practitioner in Visual Art. This course, together with EDU 329, satisfies one diversity course requirement. The laboratory experience will be held during the day in a public, private, or parochial school. Curriculum lab fee. Corequisite: Must be registered for EDU 329.

EDU 370. Survey of Exceptionality (3) (D) Designed to provide students with basic understanding regarding the full range of exceptional children. Attention given to etiology, prevention, emerging issues and current methodologies. This course satisfies one diversity course requirement. Supervised laboratory experiences. Curriculum lab fee. Prerequisite: Admission to education program.

EDU 373. Teaching Social Studies (3) (W) Social studies curriculum, teaching, and media for children ages four through 11. Laboratory experiences with children are an integral part of the course. Curriculum lab fee. This is a writing intensive course. Prerequisite: Admission to education program.

EDU 375. Teaching Mathematics (3) Mathematics curriculum, teaching, and media for children ages four through 11. Laboratory experiences with children are an integral part of the course. Curriculum lab fee. Prerequisite: Admission to education program.

EDU 377. Teaching Science and Health (3) Curriculum and teaching in science, health, and safety for children ages four through 11. Laboratory experiences with children are an integral part of the course. Curriculum lab fee. Prerequisite: Admission to education program.

EDU 378. Current Influences on Curriculum and Teaching (3) (W/D/C) Synthesis of knowledge from a variety of fields of educational inquiry, and examination of their impact on the school curriculum and instructional program. Curriculum lab fee. This course satisfies one diversity course requirement. Prerequisite: Admission to education program. This is a writing intensive course. Supervised laboratory experiences.

EDU 391. Multicultural Teaching (3) A survey of educational and social scientific concepts to help teachers understand the social and cultural milieu of culturally-different learners. The development of teaching strategies to maximize opportunities. Supervised laboratory experiences. Curriculum lab fee. Prerequisite: Admission to education program.

EDU 401. History and Philosophy of Education (3) (W) A critical analysis of selected theories and problems in education considered as a social institution. Emphasis is placed on developing an understanding of the role and function of the educational process in a pluralistic society. This is a writing intensive course. Supervised laboratory experiences. Curriculum lab fee. Prerequisite: Admission to education program.

EDU 450. Strategies and Resources for Teaching in Secondary and Middle Schools (2) (W) A study of secondary and middle schools, the curriculum, instructional strategies, classroom management, and resources. Designed to address both general concerns and specific teaching fields, the course is completed prior to the internship. This is a writing intensive course. Supervised laboratory experience. Curriculum lab fee. Prerequisite: Admission to education program. Corequisite: Must be registered for EDU 451, 452, 453, 455, 457 or 458.

EDU 453. Lab: Instructional Strategies and Methodology in Teaching Biology (1) (W) This course is designed to demonstrate the student's ability to implement instructional strategies and methodology in biology while instructing students and managing their behavior. Co-taught by EDU 450 instructor and current master's level teacher in biology. This laboratory course will be held during the day in public, private or parochial school. Curriculum lab fee. Corequisite: Must be registered for EDU 450.

EDU 455. Lab: Instructional Strategies and Methodology in Teaching English Language Arts (1) (W) This course is designed to demonstrate the student's ability to implement instructional strategies and methodology in English language arts while instructing students and managing their behavior. Co-taught by EDU 450 instructor and current master's level teacher in English language arts. This laboratory course will be held during the day in public, private or parochial school. Curriculum lab fee. Corequisite: Must be registered for EDU 450.

EDU 457. Lab: Instructional Strategies and Methodology in Teaching Spanish (W) This course is designed to demonstrate the student's ability to implement instructional strategies and methodology in Spanish while instructing students and managing their behavior. Co-taught by EDU 450 instructor and current master's level teacher in Spanish. This laboratory course will be held during the day in public, private, or parochial school. Curriculum lab fee. Corequisite: Must be registered for EDU 450.

EDU 458. Lab: Instructional Strategies and Methodology in Teaching Visual Art (W) This course is designed to demonstrate the student's ability to implement instructional strategies and methodology in Visual Art while instructing students and managing their behavior. Co-taught by EDU 450 instructor and current master's level teacher in Spanish. This laboratory course will be held during the day in public, private, or parochial school. Curriculum lab fee. Corequisite: Must be registered for EDU 450.

EDU 490. Internship: Candidate Performance Assessment in Elementary Education (3) (O) A semester of supervised observation and teaching experience in an elementary classroom, which includes the creation and submission of a performance-based portfolio assessment; supervision and mentoring provided by college faculty. Attendance at scheduled seminar meetings is required. Curriculum lab fee. Prerequisites: Admission to education program and divisional approval.

EDU 491. Internship: Candidate Performance Assessment in Visual Arts (3) (O) A semester of supervised observation and teaching experience in a visual arts classroom, which includes the creation and submission of a performance-based portfolio assessment; supervision and mentoring provided by college faculty. Attendance at scheduled seminar meetings is required. Curriculum lab fee. Prerequisites: Admission to education program and divisional approval.

EDU 493. Internship in Visual Arts (9) (O) A semester of supervised observation and teaching experience in K - 6 and 6 - 12 classrooms; supervision provided by college staff. Includes conferences with supervising master teacher and college supervisor. Attendance at scheduled seminar meetings is required. Curriculum lab fee. Prerequisites: Admission to education program and divisional approval.

EDU 495. Internship: Candidate Performance Assessment in the High School (3) (O) A semester of supervised observation and teaching experience in a secondary classroom, which includes the creation and submission of a performance-based portfolio assessment; supervision and mentoring provided by college faculty. Attendance at scheduled seminar meetings is required. Curriculum lab fee. Prerequisites: Admission to education program and divisional approval.

EDU 497. Internship in the High School (9) (R/O) A full-time supervised observation and teaching experience in the high school (grades 6-12) for one semester; supervision provided by college staff. Includes conferences with cooperating master teacher and college coordinator. Attendance at scheduled seminar meetings is required. Curriculum lab fee. Prerequisites: Admission to education program and divisional approval.

EDU 498. Special Studies (1-3) The content of the course will be structured to meet the professional needs of the student and will include in-depth study in a selected topic in teacher education. This work is undertaken with permission of the faculty and under its supervision. Curriculum lab fee. Prerequisite: Permission of chair of education.

EDU 499. Internship in Elementary Education (9) (O) A semester of supervised observation and teaching experience in an elementary classroom; supervision provided by college staff. Includes conferences with cooperating master teacher and college supervisor. Attendance at seminar meetings is required. Curriculum lab fee. Prerequisites: Admission to education program and divisional approval.

MINOR IN RELIGIOUS EDUCATION (NON-CERTIFICATION FOR THEOLOGY MAJORS ONLY)

The Division of Education offers a minor in religious education which is limited to theology majors who would like to teach religion/theology in a classroom setting. The purpose of the minor is to give theology majors a background in basic education knowledge and practices as an additional qualification for employment in Catholic schools. Students must have junior class standing and admission to an education program before enrolling in upper-division education coursework.

Education students who participate in one retreat and who select the following courses to fulfill their theology requirements are eligible to be awarded basic catechetical certification from the Archdiocese of Mobile: THL 101/190 Introduction to Christian Theology (freshman year), any scripture course (sophomore), THL 242 Catholicism (junior/senior), THL 421 Religious Education (junior/senior). See the Division of Philosophy and Theology section for additional information.

Students must complete Child Protection Training during their first education course. Students must be fingerprinted and background cleared before their first 300-level course.

MINOR IN RELIGIOUS EDUCATION (FOR THEOLOGY MAJORS ONLY)

LOWER-DIVISION

Course	Title	Credit Hours
EDU 131	Human Development	3
EDU 260	Principles of Educational Psychology	3
EDU 1XX or 2XX	Electives	3

UPPER-DIVISION

Course	Title	Credit Hours
EDU 330	Strategies for Effective Classroom Management	3
EDU 391	Multicultural Teaching	3
EDU 322	Educational Tests and Measurements	3
EDU 3XX	Elective	3
THL 421	Religious Education	3

DIVISION OF LANGUAGES AND LITERATURE

Division Chair: Stephanie A. Callan, PhD

In accordance with the educational goal of Spring Hill College, to prepare students for responsible leadership in service to others, the Division of Languages and Literature aims at professional preparation and development of the person as an intellectual, spiritual, and creative being. Toward that end, we help students to engage with great ideas, to develop awareness of the ways that language and literature operate in the world, and to be open to new ways of reading and thinking.

Students may major in English, Writing or Hispanic Studies; they may also minor in English, Writing, French or Spanish. Secondary education students may follow a program in English or Hispanic Studies.

ENGLISH (ENG)

Department Chair: Stephanie A. Callan, PhD

Inspiring students to refine their skills in interpretation and communication is the mission of the Department of English. Every course we teach, from first-year composition to the senior capstone, emphasizes critical reading and effective writing. Literature's unique ability to engage both imagination and intellect enables readers to inhabit ideas, characters, and cultures. Through exploration of literary texts and contexts in a classroom atmosphere of engaged and open inquiry, students develop their capacity to participate in the conversations that help us make sense of ourselves and our world.

As a core liberal arts discipline, English provides a foundation for careers in publishing, law, medicine, business, education and more. Its flexible course structure and emphasis on communication skills make it an ideal major, minor or second major. In the tradition of Jesuit education, its focus on critical thinking and reflection prepares students for their responsibilities as informed leaders, caring citizens, and promoters of social justice.

Similarly, a major in writing is particularly valuable to students planning careers in publishing, writing, law, education, and public life. Courses offered in this area focus on the development of both creative and professional writing, as well as content-based classes in literary criticism and the history of the English language. Both Writing and English majors afford students the opportunity to broaden their career opportunities by developing skills and competencies that are useful in all facets of personal and professional life.

Composition

Our composition courses support the general education core and the writing across the curriculum program, focusing on process-based writing that offers students opportunities for revision and editing. The composition sequence is two courses, ENG 121: Composition I and ENG 123: Composition II (Writing with Research), which progress from a focus on the fundamentals of argument and the rhetorical situation to the complexities of integrating quality research into an argument. We also offer ENG 105: College Composition as a precursor to this

sequence for students who need review of foundational writing skills. ENG 190: Honors Composition serves in place of this composition sequence for Honors Program students. In addition, our first-semester writing courses integrate research skills through the Spirit of Inquiry project: a collaboration with our research librarians to expose students to college-level research strategies and practices.

200-Level Core Classes

Depending on their course of study, Spring Hill students are required to take one or two 200-level literature courses as part of the core curriculum. Our course offerings are grouped into genre courses (poetry, fiction, drama, non-fiction), diversity courses (African American, World, Hispanic American, Asian American and Native American), special topics (which vary by instructor and include such topics as Literature and Medicine, Southern Literature, and Sex and Violence) and Introduction to Creative Writing. While these offerings give students a wide variety of content choices, all courses continue to develop skills in critical reading and writing particularly emphasizing literary analysis.

Pedagogy

The department places a high value on student engagement, privileging discussion-based courses that involve students in the interpretation of literary texts and contexts. In addition to discussion, faculty use a blend of classroom techniques ranging from group work, presentations, and lectures to the incorporation of guest speakers and multimedia resources – all geared toward developing students' abilities to think critically and articulate their insights clearly. Outside the classroom, professors can be found conferencing with freshman composition students or meeting with senior seminar mentees, giving them the one-on-one instruction necessary for their growth as writers and thinkers.

Faculty

The department has a strong faculty with a range of teaching styles, offering students a complementary range of approaches to the study of literature and writing. Faculty collaborate frequently, sharing teaching advice, commenting on one another's assignments, and discussing scholarly approaches. Each semester, we hold a colloquium at which division members share their ongoing research and writing. Faculty also lead LEAP seminars, advise student clubs, direct service-learning projects, sponsor the literary magazine, organize lectures and interdisciplinary courses, and assist students and faculty colleagues with editing and publication advice.

CORE REQUIREMENTS IN ENGLISH

A series of four courses totaling twelve hours must be completed by students as part of the B.A. core curriculum. Students will fulfill this requirement by completing ENG 121, ENG 123 and any two sophomore-level courses (ENG 240, ENG 241, ENG 242, ENG 243, ENG 244, ENG 245, ENG 246, ENG 248, ENG 285, ENG 287 and WRI 276 – see exceptions for ENG 244, 245, 246, 248, 285 and 287 listed in the paradigm of each major and minor). BS and BSN students complete three courses totaling nine hours: ENG 121, ENG 123 and any of the sophomore-level courses listed above. Honors students will fulfill the English core requirement by completing ENG 190 and any two of the above sophomore-level courses, with the additional option of ENG 290.

Policies

Students must have successfully completed ENG 121 and 123 (or 190) before taking any 200-level courses in English or Writing.

Once students matriculate, they may not use an English course at another institution to fulfill 100-level requirements at SHC.

If students have an A or B in ENG 121 and 123 (or 190) and in their first 200-level course, they are eligible to take upper-division ENG courses for any additional ENG course work.

Advanced Placement (AP) Credit

The English Department awards credit for examinations of the Advanced Placement Program of CEEB as follows: Language and Composition: scores of four or five are granted three semester hours of credit to replace ENG 121. Literature and Composition: scores of four or five are awarded three semester hours of credit to replace ENG 121. A maximum of three semester hours of advanced placement credit will be applied to English core requirements. Any excess credit hours may be applied to meet general elective credit. All entering first-time students must take ENG 123 Composition II (Writing with Research), irrespective of advanced placement credit.

BACHELOR OF ARTS IN ENGLISH

The English major is designed to offer students breadth and depth in literary study while also ensuring that they have the flexibility to follow their developing literary interests. Three of the required courses for the major – an introductory critical approaches course (ENG 300), and the first part of the British Literature survey (ENG 308) and the American literature survey (ENG 318) – give students a foundation in critical and literary traditions on which to build with their other coursework. Students are required to take the second half of either the British or American survey course sequence. These survey courses ensure a breadth of exposure to the literary movements, historical contexts, and major authors of literature in English.

Achieving depth in literary study is another goal of the English major. Students are required to take either ENG 320 (Literary Movement or Period) or ENG 321 (Major Authors) to ensure that they have at least one course that intensively examines a time period or delves deeply into an author. The final required course (besides the capstone) is ENG 496: Special Topics in Diversity which offers both depth and breadth as students study non-dominant authors drawn from the multi-ethnic literatures of the United States or world literatures in English, which are not extensively covered in the survey courses.

We value flexibility so that English majors can pursue their evolving interests. Ultimately, only three specific courses are required, as well as a capstone (described below). Students select from a range of options to fulfill three other required categories and choose three free electives.

Capstone

The senior seminar for English majors allows students to select their own topics and be paired with an appropriate mentor in the department to work for a semester on an in-depth, well-researched, original interpretive argument. The course culminates in a 20-page paper and a 15-minute presentation (plus Q and A) to the entire department. The individualized,

independent study component of the project paired with course sessions that support the evolving project and presentation gives students an ideal capstone experience.

Objectives

The purpose of the major in English is to graduate students who have demonstrated (1) mastery of written communication; (2) knowledge of diverse literatures understood in historical and cultural context; (3) ability to interpret written expression independently through critical analysis; (4) ability to perform research, evaluate sources, and integrate them with written analysis; (5) ability to explore issues of justice, morality, and common humanity through literature.

Majors must earn a grade of C- or better in all courses for the major.

REQUIREMENTS FOR MAJOR IN ENGLISH

The English major requires 30 hours (10 courses) of upper-division coursework distributed in the following manner:

1. Required Courses

English majors are required to take three courses (9 hours) that emphasize a broad-based exposure to British and American literary traditions and develop capacities for intensive literary study:

Course	Title	Credit Hours
ENG 300	Critical Approaches to Literature	3
ENG 308	British Literature to 1798	3
ENG 318	American Literature to 1865	3

2. Elective Courses

English majors have the flexibility to shape their course of study by selecting 18 hours of elective credits at the 300- or 400-level (nine hours of electives within topical categories and nine hours of open electives). One open elective may be an upper-division WRI or THR course; ENG 301 (Integrations) and ENG 497 (Internship) may be taken as open electives but can only be taken once. Additional topical electives, beyond the three required, may be taken as open electives.

Course	Title	Credit Hours
<i>Topical Electives:</i>		
ENG 309 or ENG 319	British Literature from 1798 to the Present <i>or</i> American Literature from 1865 to the Present	3
ENG 320 or ENG 321 ENG 496	Literary Movement or Period <i>or</i> Major Authors Special Topics in Diversity	3 3
ENG 3XX-4XX	<i>Open Electives:</i> English Electives	9

3. Senior Synthesis Seminar

This seminar involves an independent research project undertaken in the senior year under the direction of a faculty mentor, culminating in a substantial research paper and a presentation to the faculty.

Course	Title	Credit Hours
ENG 498	Senior Synthesis Seminar	3

REQUIREMENTS FOR MINOR IN ENGLISH

B.A. English core (ENG 121, 123, and two 200-level classes) and the following:

Course	Title	Credit Hours
ENG 3XX-4XX	English Electives	12

100-LEVEL COURSES: COMPOSITION

ENG 105. College Composition (3) This course allows students to review fundamentals in preparation for ENG 121 and is designed to ground students in the critical thinking and writing skills central to college-level coursework. Course emphasizes all stages of the composing process, with attention to the editing skills required to identify and correct error patterns. This course does not satisfy a core requirement in English. Students who score lower than the 50th percentile on a standardized test will normally be placed in this course. A C- or above is required to pass the course; otherwise, an NC (no credit) is assigned and students must retake the class and receive a letter grade (A-F).

ENG 121. Composition I (3) This course cultivates the intensive reading and analytical writing skills necessary for college-level work. Texts are drawn from across the disciplines to cultivate wide-ranging vocabularies and varied analytical approaches. Placement in this course is normally restricted to students scoring at or above the 50th percentile on a standardized test. A C- or above is required to pass the course; otherwise, an NC (no credit) is assigned and students must retake the class and receive a letter grade (A-F).

ENG 123. Composition II (Writing with Research) (3) This course expands on skills cultivated in ENG 121 by training students to place their ideas within a larger intellectual context by locating, evaluating, and integrating outside research into their writing with appropriate documentation. Course readings on a theme are drawn from literature in any literary period. A C- or above is required to pass the course; otherwise, an NC (no credit) is assigned and students must retake the class and receive a letter grade (A-F). Successful completion of the research component of the course is necessary to receive credit for the course.

ENG 190. Honors Composition and Literature (3) A writing course, at an advanced level, that focuses on the research process in relation to readings from the Classical period through the 18th century. Works might include Homer, Virgil, Sophocles, Aeschylus, Dante, Beowulf, Chaucer, Shakespeare, Donne, Milton and Aphra Behn. Prerequisite: Honors Standing.

200-LEVEL COURSES: LITERATURE

Any of the following 200-level courses count towards fulfillment of the core requirement in English (total number of required credit hours depends upon the student's degree program). ENG 123 is a prerequisite for all of the following courses. ENG 244 - ENG 248 and ENG 287 also fulfill the campus-wide diversity requirement. If students have an A or B in ENG 121 and ENG 123 (or in ENG 190 for honors students) and in their first 200-level course, they are eligible to take upper-division courses for any additional ENG course work.

ENG 240. Introduction to Poetry (3) (W) An introduction to poetry by a range of authors with special attention to poetic forms and devices. Poets covered might include classic poets such as Shakespeare, Wordsworth, Emily Dickinson, and Wallace Stevens as well as recent and contemporary poets such as Allen Ginsberg, Paul Muldoon, Li-Young Lee and Sharon Olds. Poetic forms studied might include lyric, narrative, epic, haiku, villanelle and eclogue. Course emphasizes appreciation of poetry in everyday life.

ENG 241. Introduction to Fiction (3) (W) An introduction to fiction as a literary genre. Readings might include short stories, fairy and folktales, and novels by the Brothers Grimm, Kafka, Poe, Twain, Borges, O'Connor, DeLillo, Lahiri or Le Guin. Course emphasizes the ability of fiction to teach us about ourselves, our world, and different ways of thinking and knowing.

ENG 242. Introduction to Drama and Theatre (3) (W) An introduction to the genre and representative plays covering major movements from classical to Renaissance to 18th century to realism to postmodernism. Representative authors might include Sophocles, Aeschylus, Shakespeare, Jonson, Wycherley, Sheridan, Ibsen, Shaw, Miller, Pinter, Stoppard, Mamet, August Wilson, Wendy Wasserstein, Marsha Norman, Friel, Synge and Chekhov.

ENG 243. Introduction to Non-Fiction Prose (3) (W) An introduction to the many genres of nonfiction prose. Selections may include the classical works of Aristotle, Thucydides, Longinus, etc.; the 18th century essays of Addison and Steele; the personal and meditative essays of Ellison and Dillard; the literary journalism of Talese and Plimpton; and the nonfiction novels of Capote and Mailer. Selections may also include works of science, Sport, or travel writing; memoirs and autobiographies; and much more.

ENG 244. Asian Literature (3) (D/W) An introduction to the literature in translation of Asian writers. Readings are usually in 20th-century fiction and might include the work of Yukio Mishima (Japan), Pramoedya Ananta Toer (Indonesia), Duong Thu Huong (Vietnam), and Mo Yan (China).

ENG 245. Introduction to African American Literature (3) (D/W) A multi-genre exploration of the rich literary contributions of African American writers, primarily focusing on the 20th century from the Harlem Renaissance through the Black Arts Movement and contemporary fiction. May include some 19th-century texts, such as slave narratives and early poetic works. Readings might include works from such writers as Frederick Douglass, W. E. B. Du Bois, Langston Hughes, Zora Neale Hurston, James Baldwin, Malcolm X, Toni Morrison, August Wilson and Gwendolyn Brooks.

ENG 246. Introduction to Hispanic American Literature (3) (D/W) An introduction to literature written by Hispanic Americans living in the US and writing in English. Texts can be essays by Gloria Anzaldúa, novels and short stories by authors such as Junot Díaz, Rudolfo Anaya, Piri Thomas, Cristina García, Julia Alvarez and poetry by assorted authors. The course may offer an opportunity to meet Hispanic American immigrants and hear their stories.

ENG 248. Introduction to American Indian Literature (3) (D/W) An exploration of myths and legends, fiction, poetry, autobiography and other nonfiction by American Indians spanning from pre-colonial times through the late 20th-century Renaissance in native writing. Readings may include such writers as Zitkala-Sa, Leslie Marmon Silko, Sherman Alexie, Peter Blue Cloud and John (Fire) Lame Deer.

ENG 285. Special Topics (3) (W) Sophomore-level literary studies of specialized areas. Sample topics from past courses include Science Fiction, Gender and Literature and Detective Fiction. May be repeated for credit as topics vary.

ENG 287. Special Topics in World Literature (3) (D/W) A study of literature from non-Western and/or non-dominant traditions, for example from the Middle East, Africa, and/or the Caribbean. Authors might include Ngũgĩ wa Thiong'o, Chinua Achebe, Zadie Smith, Jamaica Kincaid, Khaled Hosseini and Naguib Mahfouz. May be repeated for credit as topics vary.

ENG 290. Honors Literature (3) (W) A study, at an advanced level, of major works of British, American, and world literature from the 19th century to the present. Representative works might include Jane Austen, the Romantic and Victorian poets, Dickens, Hardy, T. S. Eliot, Hawthorne, Melville, Twain, Achebe, Conrad, Fugard, Dostoevsky, Robert Frost, Jamaica Kincaid, Toni Morrison, August Wilson and others. Prerequisites: Honors Standing and ENG 190.

UPPER-DIVISION COURSES

Unless otherwise specified below, the prerequisites for any upper-division ENG class are two ENG 200-level classes (WRI 276 may substitute for one of these classes). If students have an A or B in ENG 121 and ENG 123 (or in ENG 190 for honors students) and in their first 200-level course, they may request permission to take an upper-division course from the English department chair.

ENG 300. Critical Approaches to Literature (3) (W/O) This course will introduce students to the vibrant world of literary studies and prepare them for success as English majors at Spring Hill College. Students will analyze literary texts using varying critical approaches, write essays employing selected approaches, develop the methods necessary to conduct quality research and refine their oral competencies and presentation skills. Content of course varies by instructor.

ENG 301. Integrations (3) (I) This core curriculum course explores a contemporary issue through the study of literature and a complementary discipline. Satisfies the Integrations requirement. Prerequisites: Junior or senior standing and one 200-level ENG course. May be cross-listed.

ENG 308. British Literature to 1798 (3) (W) The period of British literature from *Beowulf* to *Gulliver's Travels* is astonishingly vast. This course gives students both a survey of the broadest movements of this period (medieval chivalry, Reformation theology, and the rise of print journalism) and opportunities for deeper explorations of forms (the love sonnet and the

beginnings of the novel). Key authors covered include Chaucer, Shakespeare, Spenser and Milton.

ENG 309. British Literature from 1798 to Present (3) (W) A survey of British literature from the Romantic period to the present. Readings range across the genres of poetry, fiction, non-fiction prose, and drama and may include such authors as Mary Wollstonecraft, William Wordsworth, Percy Shelley, Charlotte Brontë, Robert Browning, Christina Rossetti, Gerard Manley Hopkins, Oscar Wilde, James Joyce, Virginia Woolf and Tom Stoppard.

ENG 318. American Literature to 1865 (3) (W) This course covers the beginnings of what we call American literature from the time of first contact by Europeans through 1865 in order to understand the evolution of American literature and culture. Possible authors include Puritans such as Bradford, Bradstreet, and Rowlandson; colonial writers such as Franklin, Jefferson, and Paine; Romantic nonfiction writers such as Thoreau and Emerson; and creative writers such as Melville, Hawthorne, Dickinson and Whitman.

ENG 319. American Literature from 1865 to the Present (3) (W) A multi-genre survey of American literature from the end of the Civil War until the present, including representative works of realism, modernism, the Harlem Renaissance, postmodernism, and contemporary literature. Authors may include Twain, Kate Chopin, Hemingway, Faulkner, Zora Neale Hurston, Robert Frost, Tennessee Williams, Kurt Vonnegut, Sandra Cisneros and Ursula Le Guin.

ENG 320. Literary Movement or Period (3) (W) An in-depth investigation of the literature of a specific literary period or movement. Topics might include literary movements (Romanticism or modernism), historical periods (the Victorian era or 1920s America), or literary traditions (the Gothic or regionalism). May be repeated for credit as topics vary.

ENG 321. Major Authors (3) (W) An in-depth study of the work and time of a major author or pair of complementary authors (usually British or American). Examples include Faulkner, Hawthorne, Jane Austen, Hemingway/Fitzgerald, and Dickinson/ Whitman. May be repeated for credit as topics vary.

ENG 402. Literary Theory and Criticism (3) (W) A survey of major principles of literary theory from Plato to the present. Course includes both readings of primary texts by authors such as Saussure, Derrida, Foucault, Fetterley, Bhabha and Greenblatt and applications to literary texts.

ENG 440. The American Novel (3) (W) A study of classic and popular American novels from the 18th to the 21st century. Course may include the work of Hawthorne, Twain, Fitzgerald, Faulkner, DeLillo, Pynchon and key novels such as Melville's *Moby Dick*, Ellison's *Invisible Man* and Silko's *Ceremony*.

ENG 445. American Drama (3) (W) A study of the development of American drama from its beginnings to the present. Dramatists might include Eugene O'Neill, Tennessee Williams, Suzan-Lori Parks, August Wilson, Arthur Miller and Wendy Wasserstein.

ENG 450. The British Novel before 1900. (3) (W) A study of the development of the British novel through the start of the modern period. Authors may include Fielding, Behn, Defoe, Sterne, Austen, the Brontës, Eliot, Dickens, Hardy, Gaskell and Meredith.

ENG 460. Irish Literature (3) (W) A broad survey of the poetry, fiction, and drama of modern Ireland with attention to major writers such as W. B. Yeats, J. M. Synge, Sean O'Casey, James Joyce, Patrick Kavanagh, Edna O'Brien, Seamus Heaney and Nuala Ní Dhomhnaill.

ENG 465. Modern Drama (3) (W) A study of dramatic works from Ibsen to the contemporary experiments of playwrights such as Peter Shaffer and Sam Shepard. (Same course as THR 465.)

ENG 481. Special Topics in Linguistics (3) (W) An overview of topics related to linguistics. Topics may include but are not limited to pragmatics, syntax, morphology, semantics, phonology, sociolinguistics, first-language acquisition, second-language acquisition and oral vs. written language. (Same course as WRI 481.).

ENG 485. Shakespeare (3) (W) A detailed study of the best-known works of Shakespeare—histories, comedies, and tragedies. (Same course as THR 485.) In addition, this course can fulfill the major topical elective requirement for depth (ENG 320 or ENG 321).

ENG 491. The English Language (3) (W) An introduction to the study of language (linguistics) and to the history and development of the English language. The course also surveys current language controversies such as sexism, religious language, politics and advertising, free speech, bilingual education and approaches to the teaching of English in schools. Of special interest to both English and education majors. (Same course as WRI 491.)

ENG 492. Special Topics in American Literature (1-3) (W) An upper-level study of a specialized theme in American literature, often exploring interdisciplinary and cultural contexts. Examples include the following: Madness in American Literature and American Literature and Film. May be repeated for credit as topics vary.

ENG 493. Special Topics in British Literature (1-3) (W) An upper-level study of a specialized theme in British literature, often exploring interdisciplinary and cultural contexts. Examples include the following: Nineteenth-Century British Women's Novels and Contemporary British Drama. May be repeated for credit as topics vary.

ENG 494. Special Topics in World Literature (1-3) (W) The course may cover any number of non-American and non-British literary traditions, ranging from Russian authors such as Tolstoy and Dostoevsky, to French authors such as Flaubert, Zola, and Proust, or other continental European writers. May be repeated for credit as topics vary.

ENG 495. Special Studies (1-3) (W) An in-depth study of a specialized topic in literature and culture. Examples include the following: Literature and Film and Gender and Literature. May be repeated for credit as topics vary.

ENG 496. Special Studies in Diversity (1-3) (D/W) An exploration of diverse or non-dominant literary and cultural traditions. Course may focus on multi-ethnic American literatures or literatures from around the world, exploring critical models (e.g. identity theory, postcolonialism, globalization, transnationalism) and cultural backgrounds to help students understand the literary texts. Authors may include Salman Rushdie, Chinua Achebe, Jamaica Kincaid, Américo Paredes, Louise Erdrich and Maxine Hong Kingston. May be repeated for credit as topics vary.

ENG 497. Internship (3-6) A supervised, professional work experience in a field related to English or writing. Placements might include publishing, editing, advertising, non-profit work, journalism (*Press Register* or *Lagniappe*), or technical writing. The student will normally work from eight to ten hours a week for three to six academic credits, applying three of those credits to the English major. Internships taken for English or writing credit will be assigned to a faculty member in the English Department who will supervise, evaluate, and assign a grade for the work. An alternative internship, graded on a pass/fail basis, is available through SAS 301.

ENG 498. Senior Synthesis Seminar (3) (W/O) An independent research project undertaken in the senior year under the direction of a faculty mentor, culminating in a substantial research paper and a presentation to the English faculty.

WRITING (WRI)

Program Director: Stephanie A. Callan, PhD

The Writing major is particularly valuable to students planning careers in business, science, commerce, publishing, writing, law, education and public life. Courses offered for this degree combine creative writing, professional writing, and advanced courses in composition, literary criticism, and the history of the language. The courses afford students the opportunity to broaden their career opportunities by developing skills and competencies that are useful in professional life.

Majors are required to have at least a C average (2.00) or higher in all the courses of their major. While a C- is less than a 2.00, students making such a grade will not be required to retake the course or substitute another course as part of the major. However, a C- in a major course should serve as a warning of a potential problem. Students who receive more than one C- are required to have a conference with their academic advisor to discuss the problem.

BACHELOR OF ARTS IN WRITING

LOWER DIVISION

Course	Title	Credit Hours
ENG 121	Composition I	3
ENG 123	Composition II	3
ENG 2XX	200-level ENG Core course	3
WRI 276	Introduction to Creative Writing	3

UPPER DIVISION

Course	Title	Credit Hours
WRI 3XX-4XX	Electives	15*
WRI 498	Synthesis Seminar	3
<i>Choose one from the following:</i>		
WRI 401 or	Classic Rhetoric or	
WRI 402 or	Literary Theory and Criticism or	
WRI 481 or	Special Topics in Linguistics or	
WRI 491	The English Language	3
<i>Choose one from the following:</i>		
WRI 475 or	Writing for Publication or	
WRI 477	Special Topics in Print Culture	3

*Students may take one upper-division ENG or THR course for three of these hours.

MINOR IN CREATIVE WRITING

LOWER DIVISION

Course	Title	Credit Hours
ENG 121	Composition I	3
ENG 123	Composition II	3
ENG 2XX	200-level ENG Core course	3

WRI 276 Introduction to Creative Writing 3

Note: WRI 276 satisfies a Core ENG requirement.

UPPER DIVISION

Course	Title	Credit Hours
WRI 3XX-4XX	Writing Electives	6
<i>Choose two from the following:</i>		6
WRI 451 or	Creative Writing: Fiction (3) (may be repeated for credit)	
WRI 452 or	Creative Writing: Poetry (3) (may be repeated for credit)	
WRI 453 or	Creative Writing: Nonfiction (3) (may be repeated for credit)	
WRI 492 or	Playwriting (3)	
WRI 495 or	Special Studies in Writing (3) (may be repeated for credit)	

CERTIFICATE OF PROFESSIONAL WRITING

The Certificate of Professional Writing is designed for undergraduates who want to build their writing skills in order to get jobs that require clear, professional written communication. Classes are small and give sustained, personal attention to students' writing, including individualized feedback on projects, to foster growth in every student. Writing projects focus on documents commonly needed in professional and public situations, including reports, instructions, and proposals.

The certificate consists of 12 credit hours (4 classes) and can be completed in a year. As students proceed through the classes, they compile a portfolio of professional writing samples that they can use on the job market. This program is intended for Continuing Studies students, traditional undergraduate students, and post-baccalaureate students who wish to work intensively on improving their writing.

Program Objectives:

This certificate prepares students to:

- Adapt to new and varied writing tasks to satisfy different needs
- Write well in multiple modes and genres
- Analyze audience and use that information to write user-friendly documents
- Incorporate research and present complex content clearly and effectively
- Revise their own work to improve clarity, organization, and effectiveness (purpose)
- Edit documents written by themselves and others
- Write in clear, correct grammar and mechanics for professional situations

Prerequisites:

Traditional undergraduate students must have successfully completed all English core requirements before beginning the certificate. Continuing Studies students must demonstrate an equivalent level of proficiency either with college coursework or with a writing sample. Post-baccalaureate students who have completed an undergraduate degree are also eligible to begin the certificate program.

Students may elect to do an internship for up to three credits towards the certificate (WRI 497). Internship placements will need to be approved in advance and must include a significant writing component. Students will also be required to add one document they wrote or co-wrote during the internship to their portfolio for the certificate program. Internships must be taken under the WRI 497 number in order to count towards this certificate.

Completion Requirements:

To receive the certificate, students must pass each course with a grade of C or better and must achieve an overall GPA of 2.7 in the certificate.

COURSE REQUIREMENTS

Course	Title	Credit Hours
WRI 310	Introduction to Professional and Technical Writing	3
WRI 320	Style and Grammar for Professionals	3
<i>Choose two from the following:</i>		6
WRI 350 or	Writing with Research and Data (3)	
WRI 355 or	Writing in Visual and Digital Formats (3)	
WRI 365 or	Strategic Writing (3)	
WRI 395 or	Special Topics in Professional Writing (3) (may be repeated for credit as topics change)	
WRI 497	Writing Internship (3)	

LOWER-DIVISION COURSES

WRI 251. Introduction to Media Writing (3) (W) A survey of writing formats, techniques, and styles (journalism, advertising and public relations) for a number of media: newspapers, magazines, broadcasting and the Internet. Same course as CMM 251. Prerequisite: ENG 123.

WRI 276. Introduction to Creative Writing (3) (W) A multi-genre introduction to creative writing covering poetry, drama, and fiction. Prerequisite: ENG 123.

WRI 295. Introductory Special Studies in Writing (3) (W) A course in one of several specialized areas. Content of the course will be varied to suit the needs of students and the interests of the faculty. Prerequisite: ENG 123.

UPPER-DIVISION COURSES

WRI 310. Introduction to Professional and Technical Writing (3) (W) This course will introduce students to the conventions of professional and technical documents. Emphasis will be placed on audience awareness, persuasiveness, and planning, drafting, and revising common forms of workplace writing, such as correspondence, proposals, and technical reports. Prerequisite: Any 200-level English course or permission.

WRI 320: Grammar and Style for Professionals (3) (W) This course will encourage students to command their writing more purposefully by helping them to isolate, identify, and enhance desirable qualities in the prose they produce. Through this course, students will develop a deeper understanding of grammar and syntax and learn a specialized vocabulary for talking about their writing. Prerequisite: Any 200-level English course or permission.

WRI 331. Scriptwriting for Film and TV (3) (W) A course that covers both dramatic/ comedic fictional formats and informational/documentary/persuasive formats. A creative screenwriting course for short (under one-half-hour) productions for web and TV distribution. Prerequisite: ENG 123. Cross-listed as CMM 331.

WRI 350: Writing with Research and Data (3) (W) A course in types of professional writing that integrate research, with emphasis on electronic sources. Skills covered include finding and evaluating sources, incorporating graphs, tables and data effectively, and explaining complex information clearly for business and public audiences. Prerequisite: Any 200-level English course or permission.

WRI 355: Writing with Visual and Digital Formats (3) (W) This course emphasizes the writing skills necessary to produce high quality content across different visual and digital platforms, including PowerPoint, infographics, and social media sites. Focus is on application of these skills in a professional setting. Project-based assignments allow students to practice integrating the unique conventions of these writing formats with basic design principles. Pre-requisites: Any 200-level English course or permission.

WRI 365. Strategic Writing (3) (W) A comprehensive writing course which builds upon WRI 251 and is designed to develop professional writing skills for advertising and public relations practitioners including the mechanics, form and style of public relations and business writing as well as advertising copywriting. Students produce written materials for a local nonprofit client. Prerequisites: ENG 123, WRI 251. Same course as CMM 365 and MKT 365.

WRI 395: Special Topics in Professional Writing (3) (W): An in-depth study of a specialized topic in professional writing. Possible topics include grantwriting, editing, or writing in the community. May be repeated for credit as topics vary. Prerequisite: Any 200-level English course or permission.

WRI 401. Classical Rhetoric (3) (W) A study of and practice with the traditional forms and theories of rhetoric from both ancient and modern times. Prerequisites: Two ENG 2XX classes or permission.

WRI 402. Literary Theory and Criticism (3) (W) Same course as ENG 402. Prerequisites: Two ENG 2XX classes or permission.

WRI 418. Advanced Writing (3) (W) A rigorous study of expository and persuasive writing. Prerequisites: Two ENG 2XX classes or permission.

WRI 451. Creative Writing: Fiction (3) (W) A study of the craft of fiction writing, emphasizing the short story and the various literary techniques it encompasses. Course may be repeated for credit. Prerequisites: One ENG 200-level class and WRI 276.

WRI 452. Creative Writing: Poetry (3) (W) A study of the craft of poetry writing, emphasizing the forms and techniques of the genre. Course may be repeated for credit. Prerequisites: One ENG 200-level class and WRI 276.

WRI 453. Creative Writing: Non-fiction (3) (W) The Art of Truth, the Literature of Reality, the Fourth Genre: all of these labels refer to the work produced by using fictional techniques to present nonfictional subjects. A study of representative examples of this genre, including personal essays,

travel narratives, memoirs, cultural and political reporting, etc. Course may be repeated for credit. Prerequisites: One ENG 200-level class and WRI 276.

WRI 475. Writing for Publication (3) (W) A course in the writing of feature articles which might be sold to magazines or newspapers; in the practice of different forms and techniques of such features; in the process of researching, revising and marketing an article. Prerequisites: Two ENG 2XX classes or permission.

WRI 477. Special Topics in Print Culture (3) (W) Study in specialized areas. The content of the course will vary to suit the interests of students and faculty. Possible topics include literacy, history of books, the social life of books, book arts, publishing, new media. May be repeated for credit as topics vary. Prerequisites: Two ENG 2XX classes or permission.

WRI 481. Special Topics in Linguistics (3) (W) An overview of topics related to linguistics. Topics may include but are not limited to pragmatics, syntax, morphology, semantics, phonology, sociolinguistics, first language acquisition, second language acquisition and oral vs. written language. Prerequisites: Two ENG 2XX classes or permission. (Same course as ENG 481.)

WRI 491. The English Language (3) (W) An introduction to the history and development of the English language combined with a consideration of related topics: grammar, dialects, linguistics. Prerequisites: Two ENG 2XX classes or permission. (Same course as ENG 491.)

WRI 492. Playwriting (3) (W) Critical analysis of dramatic structure for the playwright. Scenarios, character studies, and writing of original plays. Prerequisites: Two ENG 2XX classes or permission. (Same course as THR 492.)

WRI 495. Special Studies in Writing (3) (W) A course in one of several specialized areas. The content of the course will be varied to suit the needs of the students and the interests of the faculty. May be repeated for credit as topics vary. Prerequisites: Two ENG 2XX classes or WRI 276 or permission.

WRI 497. Writing Internship (1-6) (W) A supervised, professional work experience. Prerequisites: Two ENG 2XX classes and the permission of the Chair of English.

WRI 498. Synthesis Seminar (3) (W) A study in the field of rhetoric/writing or the production of a significant creative work. Required for senior writing majors and intended principally for them. Prerequisites: English core requirements and at least eighteen hours of upper-level WRI courses.

MODERN LANGUAGES, LITERATURES, AND CULTURES

Department Chair: Fabian Balmori, PhD

FRENCH - SPANISH - ITALIAN - OTHER LANGUAGES

The objectives of the Department Modern of Languages, Literatures, and Cultures are to provide students with the opportunity (1) to develop communicative skills in a foreign language and (2) to broaden their aesthetic and intellectual awareness through the study of a foreign literature and culture. The first objective is achieved by means of lower-division courses that may serve as part of the core curriculum. The second objective is attained through the department's upper-division courses, which introduce students to great world writers who have made significant contributions to their particular culture.

The department offers a major program in Hispanic Studies and minor programs in French and Spanish. The department seeks to graduate majors and minors with advanced proficiency in the spoken and written language and a thorough knowledge of its culture(s). The department also strives to provide its students with the analytical, critical, and communicative skills that are fundamental to educated persons. The department seeks as well to give its students a basis for careers in foreign language education, graduate and professional education, and fields requiring foreign language and culture skills.

In addition to Hispanic Studies, students may study two foreign languages at the advanced level for an interdisciplinary major in the humanities, with an emphasis on romance languages. Students may also combine one foreign language with studies from one or two other departments (See Interdisciplinary and Other Programs). Students in secondary education may choose French or Spanish as a concentration.

Minor programs are available in French and Spanish. The minor may be beneficial for areas such as international studies, international business, political science and history.

Students may study courses on several foreign cultures in English. These courses fit as valuable program electives for many major programs. Tutorials and regularly scheduled classes are offered in languages other than those listed below according to student interest and faculty availability.

International students will not be allowed to pursue lower-division courses in their native language or to take CLEP tests in their native language and receive credit for them at Spring Hill College.

HISPANIC STUDIES

Program Director: Fabian Balmori, PhD

Requirements

The major program in Hispanic Studies requires thirty (30) semester hours of upper-division courses. Eight courses (or 24 hours) must be in the Spanish language at the 300-400 level. These courses must include SPA 301 Advanced Spanish Grammar and Composition I and one of the following: SPA 302 Advanced Spanish Grammar and Composition II or SPA 303 Advanced Spanish Conversation. All majors must complete SPA 450 Senior Seminar and at least

fifteen hours (five courses) of Spanish 300-level electives taken within the Department of Modern Languages, Literature, and Cultures. Within the 15 hours (five courses) of Spanish 300-level electives, at least one elective must have a Latin American focus and at least one must have an Iberian/Peninsular focus.

Up to six hours of approved program electives may be completed outside the department in subjects such as literature, theater, art history, philosophy, theology, history or political science. Students will complement their Spanish language study with 300- or 400-level courses in these subject areas. Students may also apply any LAN course toward the maximum of six hours of approved program electives. For a list of approved program electives that may be taken outside of the Modern Languages, Literatures, and Cultures Department (and LAN courses available inside the department), students should see the Hispanic Studies Program Director or their Hispanic Studies major advisor.

All Hispanic Studies majors are required to complete successfully (grade of C or above) SPA 450 Senior Seminar.

Majors are required to have at least a C average (2.00) or higher in all the courses of their major. While a C- is less than a 2.00, students making such a grade will not be required to retake the course or substitute another course as part of the major. However, a C- in a major course should serve as a warning of a potential problem. Students who receive more than one C- are required to have a conference with their academic advisor to discuss the problem.

Hispanic Studies majors may fulfill the speech competency requirement with CMM 150, THR 250, 350, 494, or through certified proof of competency approved by the Modern Languages, Literature, and Cultures Department Chair.

Study abroad is strongly recommended for Hispanic Studies majors, who may transfer up to three (3) upper-division study abroad courses into their major with the approval of the Modern Languages, Literatures, and Cultures Department Chair.

Hispanic Studies majors are encouraged to complete at least six hours in a second foreign language.

The minor program in French or Spanish consists of 18 hours total of coursework completed at Spring Hill College or in a college-level study abroad program. In other words, “placing out” of an elementary or intermediate course through a language placement exam **does not confer any hours or credits towards the minor**. At least 12 hours (four courses) of the 18 total hours required for the minor must be at the upper-division (300 or 400) level.

Study abroad is recommended for all foreign language minors, who may transfer study abroad courses into their minor with the approval of the Modern Languages, Literature, and Cultures Department Chair.

BACHELOR OF ARTS IN HISPANIC STUDIES**LOWER-DIVISION**

Course	Title	Credit Hours
SPA 101-102	Elementary Spanish I & II	6*
SPA 201-202	Intermediate Spanish I & II	6*

*Placement in elementary and intermediate language courses depends on previous studies and the student's score on the Spanish language placement exam.

UPPER-DIVISION

Course	Title	Credit Hours
SPA 301	Advanced Spanish Grammar And Composition I	3
SPA 302 or	Advanced Spanish Grammar And Composition II or	
SPA 303	Advanced Conversation	3
SPA 3XX ¹	Upper-level Electives	15
SPA 450	Senior Seminar	3
3XX-4XX	Approved Electives (outside department or any LAN course)	6

¹At least one course must have a Latin American focus and at least one must have an Iberian/Peninsular focus.

MINOR IN FRENCH OR SPANISH**LOWER-DIVISION**

Course	Title	Credit Hours
FRE/SPA 101-102	Elementary French or Spanish I & II	6*
FRE/SPA 201-202	Intermediate French or Spanish I & II	6*

*Placement in elementary and intermediate language courses depends on previous studies and the student's score on the language placement exam. "Placing out" of an elementary or intermediate course does not confer any hours or credits towards the minor. Students may apply only FRE 201/ SPA 201 and/or FRE 202/SPA 202 to the minor if they are placed in that course by the placement exam and they successfully complete the course.

UPPER-DIVISION

Course	Title	Credit Hours
FRE/SPA 3XX-4XX	Upper-Division Courses	12-18*

*Depends on previous studies and the student's score on the foreign language placement exam. See notes above regarding "placing out" of elementary or intermediate language courses.

CULTURE COURSES (LAN)

LAN 301-302. The French Heritage I-II (6) A study of the French culture with special emphasis on its literature. LAN 301 will cover the Middle Ages through the eighteenth century. LAN 302 will cover the nineteenth and twentieth centuries. Lectures and readings in English.

LAN 303-304. The Spanish Heritage I-II (6) A study of Spanish culture with special emphasis on its literature. LAN 303 will cover the Middle Ages through the seventeenth century. LAN 304 will cover the eighteenth century to the present day. Lectures and readings in English.

LAN 305. The Latin American Heritage (3) (D) A study of various Latin American cultures from their origins to the present day. Lectures and readings in English. LAN 306-307. The Italian Heritage I-II (6) A study of Italian culture with special emphasis on its literature. LAN 306 will cover the origins of Italian literature to the seventeenth century. LAN 307 will include the seventeenth century to the modern period. Lectures and readings in English.

FRENCH (FRE)

LOWER-DIVISION COURSES

FRE 101-102. Elementary French I-II (6) An introduction to the French language, using the four skills of listening, speaking, reading and writing. Grading A, B, C, NC (No Credit). A student receiving an NC must retake the course and in this event the grading system is A, B, C, D, F, but a student must still earn a C- or higher to move on to the next level course.

FRE 201-202. Intermediate French I-II (6) Review of French grammar; the reading of prose of moderate difficulty; written and oral work. Prerequisites: FRE 101-102 or their equivalents.

FRE 205. Readings in French (1-3) A course devoted to topics of interest to students and faculty. Prerequisites: FRE 101-102 or their equivalents.

UPPER-DIVISION COURSES

FRE 301. Advanced French Grammar and Composition (3) A study of advanced grammar, reading and composition. Extensive writing practice in French using literary and/or periodical texts as points of departure and models of style. Prerequisites: FRE 201-202 or their equivalents. Course taught in French.

FRE 303. Advanced French Conversation (3) Continued development of oral skills; themes of current interest are presented for discussion. This course is designed for those who desire a more practical and intensive approach to conversational French. Prerequisites: FRE 201-202 or their equivalents. Course taught in French.

FRE 310. Survey of French Literature I (3) This course presents a wide variety of French literary readings from La Chanson de Roland to the Age of Enlightenment. Prerequisites: FRE 201-202 or their equivalents. Course taught in French.

FRE 311. Survey of French Literature II (3) This course presents a wide variety of French and Francophone literary readings from the nineteenth century to the present. Prerequisites: FRE 201-202 or their equivalents. Course taught in French.

FRE 315. Survey of French Cinema (3) This course presents a wide variety of French and Francophone movies from the 1930s to the present. Prerequisites: FRE 201-202 or their equivalents. Course taught in French.

FRE 381. Selected Studies (3) A course devoted to topics of interest to students and faculty. May be repeated for credit as topics vary. Prerequisites: FRE 201-202 or their equivalents. Course taught in French.

FRE 401-402. Independent Study (credit to be assigned) Individual research on a particular aspect of French language or literature. Prerequisites: FRE 201-202 or their equivalents. Course taught in French.

SPANISH (SPA)

LOWER-DIVISION COURSES

SPA 101-102. Elementary Spanish I-II (6) An introduction to the Spanish language, using the four skills of listening, speaking, reading, and writing. Grading: A, B, C, NC (No Credit). A student receiving an NC must retake the course and in this event the grading system is A, B, C, D, F, but a student must still earn a C- or higher to move on to the next level course.

SPA 107-108. Spanish for Medical Personnel I-II (6) These courses are designed to teach the basic structure of Spanish with a focus on pragmatic, health care language use. Enrollment is restricted to nursing and biohealth majors. These courses meet Core language requirements and may not be mixed with any other introductory Spanish courses without the permission of the department chair. Grading: A, B, C, NC (No Credit). A student receiving an NC must retake the course and in this event the grading system is A, B, C, D, F, but a student must still earn a C- or higher to move on to the next level course.

SPA 201-202. Intermediate Spanish I-II (6) Review of grammar, the reading of prose of moderate difficulty, written and oral work. Prerequisites: SPA 101-102 or their equivalents.

SPA 205. Readings in Spanish (1-3) A course devoted to topics of interest to students and faculty. Prerequisites: SPA 101-102 or their equivalents.

UPPER-DIVISION COURSES

SPA 301-302. Advanced Spanish Grammar and Composition I-II (6) A study of advanced grammar, reading and composition; expansion of oral skills. Extensive written practice in Spanish using literary and/or periodical texts as points of departure for discussion and models of style. Prerequisites: SPA 201-202 or their equivalents. Both courses taught in Spanish.

SPA 303. Advanced Spanish Conversation (3) (D) Continued development of oral skills; themes of current interest are presented for discussion. Exercises designed to provide the student with a working knowledge of conversational Spanish. Prerequisites: SPA 201-202 or their equivalents. Course taught in Spanish.

SPA 304. Introduction to Hispanic Literature and Film (3) Critical reading and methods of literary and film analysis. Selections cover all genres in several periods. Prerequisites: SPA 201-202. Taught in Spanish.

SPA 305. Hispanic Literature in Translation (3) (D/W) A survey of major texts of the Hispanic literary canon from the twentieth century to the present. Course may be repeated as topics vary. Prerequisites: Junior or senior standing. Sophomores with permission of department chair. Course taught in English.

SPA 310. Survey of Spanish Literature I (3) This course offers literary reading from Spain, beginning with the Poem of the Cid through the end of the Golden Age/Baroque Period. Prerequisites: SPA 201-202. Course taught in Spanish.

SPA 311. Survey of Spanish Literature II (3) Literary readings from the eighteenth, nineteenth, and twentieth centuries in Spain are examined in this course. Prerequisites: SPA 201-202. Course taught in Spanish.

SPA 312. Survey of Spanish-American Literature I (3) (D/I) This course is a survey of Spanish-American literature from the Discovery to the Romantic movement. Prerequisites: SPA 201-202. Course taught in Spanish.

SPA 313. Survey of Spanish-American Literature II (3) (D/I) A survey of Spanish-American literature from the latter part of the nineteenth century to the present, including realism, naturalism, modernism, and post-modernism. Prerequisites: SPA 201-202. Course taught in Spanish.

SPA 314. Cervantes (3) This course offers an in-depth reading and discussion of the works of Miguel de Cervantes. An in-depth reading of Don Quixote and other masterpieces will be studied. Course taught in Spanish.

SPA 315. Nineteenth-Century Spanish Literature (3) Study of the drama, poetry, and prose of the nineteenth-century within the social and historical context of the period. Selected authors (Alas, Pardo-Bazán, Galdós, Zorrilla) will be presented in this period course. Course will be taught in Spanish.

SPA 320. Latin American Poetry: Modernism to 21st Century (3) (D) This course will read the major works of poetry from the late 19th century to the 21st century in Latin America. Major figures such as Rubén Darío, Cesar Vallejo, Pablo Neruda, Octavio Paz, among many others, will be read and discussed. Course taught in Spanish.

SPA 381. Selected Studies (3) (D/W) A course of the literature and culture of a particular region, culture, genre in Peninsular Spanish or Spanish-American literature. May be repeated as topics vary. Prerequisites: SPA 201-202. Course taught in Spanish.

SPA 401. Independent Study (1-3) Individual research on a particular aspect of Spanish language and literature. Prerequisites: SPA 201-202 or their equivalents. Course taught in Spanish.

SPA 450. Senior Seminar (3) (O/D/W) The study of a chosen literary genre, theme, author, or work in either Spanish Peninsular or Spanish-American literature. Required of all senior Hispanic Studies majors and intended principally for them. Prerequisite: Senior standing or permission of department chair. Course taught in Spanish.

OTHER LANGUAGES

From time to time, depending on student interest and instructor availability, the department will offer courses in Arabic, German, Italian, Latin, Greek and/or American Sign Language (at the 101-102 level only).

101-102. Elementary I-II (6) An introduction to grammar, oral and written exercises; suitable readings. Grading: A, B, C, NC (No Credit). A student receiving an NC must retake the course and in this event the grading system is A, B, C, D, F, but a student must still earn a C- or higher to move on to the next level course.

201-202. Intermediate I-II (6) Review of grammar; reading of prose of moderate difficulty; oral and written work. Prerequisites: 101-102 or their equivalents.

205. Readings (1-3) A course devoted to topics of interest to students and faculty. Prerequisites: 101-102 or their equivalents.

Selected Studies (3) A course devoted to topics of interest to students and faculty. Prerequisites: 201-202 or their equivalents. Course taught in the language.

401-402. Independent Study (1-3) Individual research on a particular aspect of the language or literature. Prerequisites: 201-202 or their equivalents. Course taught in the language.

DIVISION OF NURSING

Division Chair/Program Director: Kathy A. Sheppard, PhD

The mission of the Division of Nursing is to provide quality baccalaureate and master's nursing education in a Jesuit liberal arts environment. Through its professional nursing courses students are prepared to become critical thinkers and conscientious caring health care professionals who are committed to excellence and responsibility in service to others. Spring Hill College nursing graduates are guided by an ethical framework nurturing both the personal and social dimensions of faith while meeting the health care needs of a diverse and everchanging society. Graduates are prepared to accept leadership responsibilities in service to others.

GOALS OF THE DIVISION:

1. Support the mission of Spring Hill College and encourage growth of body, mind, and spirit throughout the nursing curriculum.
2. Collaborate with other departments and divisions within the college to enhance the educational experience of each individual nursing student.
3. Educate professional nursing students to function as leaders in service to others.
4. Fulfill AACN/CCNE Standards and Board of Nursing regulations.
5. Maintain and update facilities, equipment and other resources.
6. Recruit and retain qualified nursing faculty who will adhere to the philosophy of Jesuit and liberal arts education.
7. Foster an environment within the division that enhances open communication and collaboration.
8. Assess, plan and enhance curriculum and program policies based on informal and formal evaluation.

EXPECTED STUDENT OUTCOMES OF THE BSN PROGRAM:

1. Practice as a professional generalist incorporating the values inherent in the Jesuit liberal arts philosophy.
2. Apply knowledge of health care policy to analyze societal and professional issues.
3. Practice from a holistic base to promote health and prevent disease and injury throughout the lifespan.
4. Demonstrate responsibility and accountability for practice, incorporating quality care and patient safety.
5. Demonstrate management and leadership roles in the health care system.
6. Collaborate in the research process for the improvement of evidence-based nursing care to improve patient care outcomes.
7. Incorporate the skills of critical thinking, communication, collaboration, negotiation, teaching and advocacy when providing care in a global society.
8. Master increasingly complex skills and knowledge including nursing informatics and emerging technologies throughout the nursing curriculum.

APPROVAL AND ACCREDITATION

The baccalaureate program is approved by the Alabama Board of Nursing. The baccalaureate at Spring Hill College is accredited by the Commission on Collegiate Nursing Education (<http://www.ccneaccreditation.org>). Accreditation is an indication of public approbation, attesting to the quality of the educational program and the continued commitment of the sponsoring institution to support the program.

DEGREES OFFERED

The Division of Nursing offers a Bachelor of Science in Nursing (BSN) for traditional four-year students and second-degree students; a RN-BSN degree (Center for Online Learning) and a BSN/PreMed track.

ADMISSION

The BSN degree option is divided into pre-nursing and a professional component of nursing. If a student has transferred in credits from other academic institutions/ nursing programs, letters of good standing, with indication of no disciplinary actions must be submitted in order to be admitted to the Division of Nursing. Letters from academic institutions are to be addressed to the Office of Admissions and letters from the nursing programs to the Chair of Nursing.

Any student enrolled in Spring Hill College may be enrolled in the pre-nursing component, but this does not assure admission into the professional component. To take any nursing course in the pre-nursing component, a student needs to be registered as a pre-nursing major or have special permission from the Division Chair to take the course. Anyone who chooses part-time and registers as a pre-nursing student is not allowed to take any nursing course until within one (1) year of the potential semester of application to the professional component. A student who receives a D, F, or WF in a nursing course (NUR designation) within the pre-nursing component may retake the nursing course once. However, if a total of two (2) failures are received (D, F, or WF) in any NUR course or combination of NUR courses, the student will not be accepted into the professional component of nursing.

To enter the professional component a student must apply for admission to the professional component by submitting a complete and accurate nursing professional program application, which will be reviewed by the nursing faculty. Enrollment is limited and the admission process is selective and competitive. Students who enroll in Spring Hill College as first semester freshmen are admitted under a direct admit policy. The direct admit policy is these students will be admitted first to the professional component as long as they meet all admission requirements. Spring Hill College students who have been enrolled for two traditional semesters, excluding summer, will receive priority for admission placement. When the number of qualified applicants exceeds the number of students which can be accommodated in the clinical courses, students are admitted according to GPA ranking.

Applicants must meet these qualifications and apply during the semester prior to enrollment in the professional component:

1. Achieve an ACT composite score of 21 or higher.

2. Achieve a minimum of a 3.0 cumulative grade point average in Spring Hill College courses.
3. Achieve a minimum of a 3.0 cumulative grade point average in required prerequisite courses. Prerequisite GPA is calculated on all nursing, science, mathematics and social science courses required in pre-nursing (first two years) prior to the junior year. A minimum grade of C (excludes C-) is required in the following: NUR 100, 201, 202, 300; HSC 136, 138, 231, 232, 233, 234; MTH 163; SOC 101; PSY 101 and 204.
4. Students must make a C or higher in any nursing course within the pre-nursing component. A student who receives a D, F, or WF in a nursing course (NUR designation) within the pre-nursing component may retake the nursing course once. However, if a total of two (2) failures are received (D, F, or WF) in any NUR course or combination of NUR courses, the student will not be accepted into the professional component in nursing.
5. Once a student has matriculated or if a student withdraws from or receives a grade lower than a C in any of the courses listed under number 3 above (excluding nursing courses), the student must complete the course at Spring Hill College or a four-year college or university approved by the Division of Nursing.
6. If a student has transferred in credits from other academic institutions/nursing programs, letters of good standing, both academically and disciplinary, must be submitted from each institution/nursing program in order to be admitted to the Division of Nursing. Letters should be addressed to the Chair of Nursing.
7. Students must meet all legal, moral and legislative standards required for licensure to practice as a registered nurse and be familiar with the Alabama Board of Nursing Code.
8. Students dismissed from another nursing program will not be accepted into the Division of Nursing.

Application Process:

To apply to the professional component, the student must submit/agree upon the following:

1. Complete an accurate nursing professional program application to include a medical history and physical exam performed by a qualified healthcare professional.
2. Provide verification of required immunizations and/or titers and skin tests. Clinical sites may require additional proof regarding communicable disease and the student's immune status.
3. Provide current CPR certification.
4. Submit to a background check by a contracted licensed company selected by the Division of Nursing. An unsuitable background check will result in dismissal or denial of admission into the professional component.
5. Submit to a drug screen performed by a contracted licensed company selected by the Division of Nursing. Failure to submit to a drug screening or a positive drug screen will result in dismissal or denial of admission to the professional component.
6. Meet essential mental and physical qualifications set forth by the Division of Nursing Disability Statement.

Grading Scale

The Division of Nursing has the following grading scale.

90 - 100 = A, 84 - 90 = B, 76 - 83 = C, 68 - 75 = D, 67 - below = F

Progression in the Professional Program

1. Achieve a passing score of C (76 percent) in both theory and clinical in all nursing courses.
2. A student who receives a D, F, or WF in a nursing course (NUR designation) within the professional component of nursing may retake the nursing course once, as long as this is the first unsatisfactory grade (D, F, or WF). However, a student who has two (2) failures (D, F, or WF) in any NUR course, or combination of NUR courses, whether it is in the pre-nursing or professional component of nursing, will be dismissed from the Division of Nursing, but not necessarily from Spring Hill College.
3. Maintain a cumulative GPA of 2.75 or above. If the GPA falls below 2.75, then the student will be placed on nursing probation for one (1) semester. If at the end of that semester the GPA has not increased above 2.75, the student will be dismissed from the nursing program, but not necessarily from the College.
4. Meet all agency requirements of CPR, immunizations, skin test, HIPPA and attire.
5. Continue to comply with legal, moral and legislative standards required for licensure to practice as a registered nurse set forth by the Alabama Board of Nursing Administrative Code.
6. Continue to meet essential mental and physical qualifications set forth by the Division of Nursing Disability Statement.
7. Submit to random drug screening at the discretion of the faculty. Failure to submit to drug screening or a positive drug screen will result in the dismissal of the student from the professional program.

The Division reserves the right to request withdrawal of a student from the program or nursing courses, but not the College, because of unsatisfactory performance in the theory or clinical components and/or inappropriate behavior. A student who is dismissed for reasons of conduct or aptitude shall be accorded due process review, if requested, by a review committee made up of nursing and non-nursing faculty. Appeals of decisions made by the review committee may be made to the Provost. Dismissal from the nursing program for failure to meet the scholastic requirements of the program may be appealed to the Academic Standards Committee. Such dismissal does not normally, although it may, involve suspension or dismissal from the College under the general academic policies for these measures.

Graduation Requirements

In order to qualify for graduation in nursing, students must meet, in addition to the general graduation requirements of the College, the following criteria:

- Fulfill the requirements of and pass all nursing courses
- Initiate plans for licensure
- Complete a [transcript request form](#) from the Registrar's Office

REQUIREMENTS

The core curriculum requirements for the traditional BSN student includes 58 hours of general liberal arts requirements including the leap course (1 cr hour) required of all incoming freshmen students.

English	9 hours	ENG 121/190, 123/290 and one 200-level course
Philosophy	3 hours	PHL 101
Philosophy for nursing students	3 hours	PHL 318 (taken only by senior nursing students)
Theology	6 hours	THL 101 and one THL elective
History	3 hours	HIS 110, 120, 211, 213, 212, 214 or 290
Language	6 hours	
Visual and Performing Arts	3 hours	
Science	12 hours	HSC 136, 138, 231, 232, 233, 234
Mathematics	3 hours	MTH 163
Social Science	9 hours	PSY 101, 204; SOC 101

The nursing major requirements for the BSN student include 62 hours of nursing curriculum. Students must adhere to the program curriculum sequence. Computer-based applications are integrated throughout the program. Writing and speech are inherent components of the majority of nursing courses, and written and oral competency requirements are fulfilled in designated nursing courses. Students must achieve a passing grade on the nursing comprehensive examinations administered during the senior year.

BACHELOR OF SCIENCE IN NURSING (TRADITIONAL)**Pre-professional Phase****FRESHMEN YEAR - FIRST SEMESTER**

Course	Title	Credit Hours
ENG 121	Composition I	3
MTH 163	Basic Statistics for the Sciences	3
PSY 101	General Psychology	3
HSC 231/233	Anatomy and Physiology I with Lab	4
NUR 100	Introduction to Professional Nursing and Health	1
LEA 101	LEAP Lab	1

FRESHMEN YEAR - SECOND SEMESTER

Course	Title	Credit Hours
HSC 232/234	Anatomy and Physiology II with Lab	4
NUR 202	Med Math	1
ENG 123	Composition II	3
HIS Core	110/120/211/212/213/214 or 290	3
PHL 101	Introductory Logic	3
	Fine Arts Core	3

SOPHOMORE YEAR - THIRD SEMESTER

Course	Title	Credit Hours
NUR 201	Normal and Therapeutic Nutrition	2
HSC 136/138	Medical Microbiology with Lab	4
SOC 101	Introduction to Sociology	3
LAN XXX	Language	3
PSY 204	Developmental Psychology	3

PROFESSIONAL PHASE (ADMISSION REQUIRED)**SOPHOMORE YEAR - FOURTH SEMESTER**

Course	Title	Credit Hours
NUR 300	Foundations of Nursing Care	3
NUR 301	Health Assessment	2
NUR 303	Human Pathophysiology	3
LAN XXX	Language	3
ENG XXX	English Core	3

JUNIOR YEAR - FIFTH SEMESTER

Course	Title	Credit Hours
NUR 302	Pharmacology	3
NUR 320	Childbearing Family	5
NUR 340	Community as a Client	5
THL 101	Introduction to Theology	3

JUNIOR YEAR - SIXTH SEMESTER

Course	Title	Credit Hours

NUR 310	Community Mental Health	5
NUR 330	Adult Health I	5
NUR 401	Scientific Inquiry	3
THL XXX	Theology Core	3

SENIOR YEAR - SEVENTH SEMESTER

Course	Title	Credit Hours
NUR 410	Adult Health II	5
NUR 445	Adult Health III	5
PHL 318	Christian Medical Ethics	3

SENIOR YEAR - EIGHTH SEMESTER

Course	Title	Credit Hours
NUR 411	Child and Adolescent Health	5
NUR 430	Leadership and Management	3
NUR 440	Practicum: Hospital	3
NUR 460	Senior Seminar	3
	Core Curriculum	43
	Other Nursing Requirements	15
	Nursing Curriculum	62
	Total Credit Hours:	120

BSN TRACK FOR SECOND DEGREE STUDENTS

Pre-Professional Phase

REQUIRED CORE COURSES

Course	Title	Credit Hours
ENG XXX	English course	3
HIS XXX	History course	3
PHL XXX	Philosophy course	3
THL XXX	Theology course	3
ART/THR/MUS XXX	Fine Art course	3
LAN XXX	Foreign Language course	3
POL/PSY/SOC/ECO XXX	Social Science course	3
SCI/MTH 1XX	100-level Science or Math course	3

REQUIRED GENERAL EDUCATION COURSES

Course	Title	Credit Hours
PSY 101*	General Psychology	3
PSY 204*	Developmental Psychology	3
SOC 101*	Introduction to Sociology	3
MTH 163*	Basic Statistics for the Sciences	3
HSC 136 & 138*	Medical Microbiology and Lab	4
HSC 231 & 233*	Anatomy and Physiology I and Lab	4
HSC 232 & 234*	Anatomy and Physiology II and Lab	4

REQUIRED NURSING COURSES

Course	Title	Credit Hours
NUR 100*	Introduction to Professional Nursing	1
NUR 201*	Normal and Therapeutic Nutrition	2
NUR 202*	Med Math	1
NUR 300*	Foundations of Nursing Care	3

Professional Phase

REQUIRED NURSING COURSES

Course	Title	Credit Hours
NUR 301	Health Assessment	2
NUR 302	Pharmacology	3
NUR 303	Human Pathophysiology	3
NUR 310	Community Mental Health	5
NUR 320	Childbearing Family	5
NUR 330	Adult Health I	5
NUR 340	Community as Client	5
NUR 401	Scientific Inquiry	3
NUR 410	Adult Health II	5
NUR 411	Child and Adolescent Health	5
NUR 430	Leadership and Management	3

NUR 440	Practicum: Hospital	3
NUR 445	Adult Health III	5
NUR 460	Senior Seminar	3
PHL 318	Christian Medical Ethics	3

Note:

- All courses transferred to SHC must meet current transfer policies. Only grades of C- or higher may transfer.
- SHC GPA and Nursing Prerequisite GPA of 3.0 with at least a C or above (those with * in the above listings) is required to enter the Professional Component
- Composite ACT 21 or above required.

RN TO BSN TRACK (ONLINE LEARNING CENTER)

Spring Hill College offers a Bachelor of Nursing (BSN) degree designed for RNs who hold an associate degree or diploma in nursing to prepare them for leadership in the health care delivery system. The BSN program combines online courses and clinical integration with local preceptors to allow nurses to complete degree requirements in their local communities and work settings. Working with health care partners, the BSN program enables nurses to learn by applying new concepts and approaches to their own professional practice.

Application is made through Admissions and reviewed by the Division of Nursing. Official transcripts are submitted to verify completion of course requirements, both in nursing and general education.

An active unencumbered RN license is also submitted and verified before acceptance into the program is considered. Thirty-seven (37) hours of credit are provided for this unencumbered license.

<u>Requirements for BSN Degree</u>	<u>Credit Hours</u>
General Education	60
Nursing Licensure (active; unencumbered)	35
RN-BSN Courses	25

REQUIRED GENERAL EDUCATION COURSES - ASSOCIATE OR DIPLOMA RNs

Course	Title	Credit Hours
ENG 121	Composition I	3
ENG 123	Composition II	3
ENG 2XX	200-level English course	3
PSY 101	General Psychology	3
PSY 204	Developmental Psychology	3
HIS XXX	History Core course (or equivalent)	3
SOC 101	Introduction to Sociology	3
THL 101	Introduction to Christian Theology	3
PHL 101	Introductory Logic	3
MTH 163	Basic Statistics for the Sciences	3
ART/THR/MUS	Fine Arts course	3
LAN XXX	Foreign Language courses	6

PHL 318	Christian Medical Ethics	3
HSC 136 & 138	Medical Microbiology and Lab	4
HSC 231 & 233	Anatomy and Physiology I and Lab	4
HSC 232 & 234	Anatomy and Physiology II and Lab	4
Electives	Elective course(s)	3

REQUIRED NURSING COURSES - RN TO BSN

Course	Title	Credit Hours
NUR 470	Professional Nursing Roles: Enhancements and Updates for RNs	3
NUR 471	Human Pathophysiology for RNs	3
NUR 472	Evidence Based Nursing for RNs	3
NUR 473	Leadership and Management for RNs	4 (3 theory/1 clinical)
NUR 474	Population Focused Community Health for RNs	4 (3 theory/ 1 clinical)
NUR 475	Health Assessments for RNs	3 (2 theory/ 1 clinical)
NUR 476	Health Policy for RNs	3
NUR 477	Capstone Project for RNs	2

BSN WITH A MINOR

Any minor works well with a Bachelor of Science degree in Nursing. It is suggested that the student work with the Division of Nursing Chair should there be an interest in declaring a minor in a certain area.

BSN/PREMED TRACK

For students who choose to apply to medical school, a five-year option is available. A Composite ACT of 27 is required. Contact the Division of Nursing for further information.

LOWER-DIVISION COURSES (TRADITIONAL AND SECOND DEGREE BSN AND BSN/PREMED TRACKS)**(Nursing Core)**

NUR 100. Introduction to Professional Nursing and Health (1) The course explores career opportunities in professional nursing. The process of moving toward optimal health through positive changes and lifestyle behaviors is addressed. Prerequisite: Declare a pre-nursing major or permission of Division Chair.

NUR 201. Normal and Therapeutic Nutrition (2) The study of the human body's physiological response to normal nutrition throughout the lifespan. The course further emphasizes nursing care of the patient with health promoting guidelines and patient diet therapy for various system disorders. Prerequisite: Declare a pre-nursing major or permission of Division Chair. Cross-listed as HSC 201.

NUR 202. Med Math (1) Focuses on safety and accuracy in the calculation of medications. Students will understand the differences in the systems of measurement and how to safely calculate between the systems. Drugs will be calculated in the liquid, pill, mixture, and concentration methods. Prerequisite: Declare a pre-nursing major or permission of Division Chair.

NUR 300. Foundations of Nursing Care (3) Assessment of physical, developmental, psychosocial, cultural and spiritual dimensions of the client across the lifespan. Psychomotor

skills are introduced that address comfort, personal hygiene, safety, and other advanced nursing skills. Prerequisites: HSC 231/233; Prerequisites/Corequisites: NUR 100, 201, and 202; HSC 232/234. A minimum grade of C must be obtained in the prerequisite and corequisite courses.

UPPER-DIVISION COURSES (BSN AND BSN/PREMED TRACKS)

(Prerequisites for all courses: Completion of the Nursing Core)

The following courses are to be taken sequentially according to the Nursing Paradigm and/or BSN/PreMed Paradigm. The Division of Nursing has the option to change the sequencing and the prerequisites/corequisites as the need arises.

NUR 300. Foundations of Nursing Care (3) Assessment of physical, developmental, psychosocial, cultural and spiritual dimensions of the client across the lifespan. Psychomotor skills are introduced that address comfort, personal hygiene, safety, and other advanced nursing skills. Prerequisites: HSC 231/233; Prerequisites/Corequisites: NUR 100, 201, and 202; HSC 232/234. A minimum grade of C must be obtained in the prerequisite and corequisite courses.

NUR 301. Health Assessment (2) Focuses on the nursing assessment of the whole person and includes physical, psychological, sociocultural and spiritual assessment. The emphasis is on the development of skills in obtaining a health history and performing a health examination.

Prerequisite: Admission to the professional component; corequisite: NUR 300 and 303.

NUR 302. Pharmacology (3) Introduction to basic concepts of pharmacology: drug classification, routes of administration, standards, legislation and nursing responsibilities. Mathematics for dosages and solutions and developing drug administration skills are also addressed. Prerequisite: Admission to the professional component or permission of the Division Chair; corequisites: NUR 320, 330, and 340.

NUR 303. Human Pathophysiology (3) An introduction to the study of the phenomena that produce alterations in human physiologic function. Disorders affecting cells, organs, and systems involved in the regulation of structure and functions within the human organism. Disease processes will be explored as they relate to genetics, ethnicity, environment and age. Prerequisite: Admission to the professional component or permission of the Division Chair; corequisites: NUR 300 and 301.

NUR 310. Community Mental Health (5) (C) Focuses on the family as the unit of nursing care, especially on those experiencing alterations in mental health through the life cycle, and those from various cultural and ethnic backgrounds. Prerequisites: NUR 302, 320 and 340; corequisite: NUR 401.

NUR 320. Childbearing Family (5) Focuses on health promotion and maintenance of the pregnant woman and her family in a variety of settings. Prerequisite: NUR 300, 301, and 303; corequisite: NUR 302.

NUR 330. Adult Health I (5) Application of the nursing process to meet the bio-psychosocial needs of the client in relation to age, developmental stage, cultural orientation, resources and environment. Students examine the pathophysiological changes experienced by clients in a variety of settings. Prerequisites: Admission to the professional component, NUR 302, 320, and 340; corequisite: NUR 401.

NUR 340. Community as Client (5) (D) Using community health theory, research findings and practice settings, students assess physical, social and cultural environments of groups; identify at-risk populations; and examine appropriate nursing interventions. The student functions as a change agent within the community. The course will include community health theory, research findings and practice settings which are utilized to promote and maintain wellness and prevent disease. Prerequisite: Admission to the professional component; prerequisites NUR 300, 301, and 303; corequisites: NUR 302.

NUR 401. Scientific Inquiry (3) (W/O) The primary purpose of this course is to promote interest and participation in the research process, particularly research conducted by health care leaders. Nursing research improves patient care and demonstrates that nurses are key members of the health care team. Critiquing research and understanding the importance of evidence-based practice is essential to the practice of nursing. Prerequisites: NUR 302, 303, 320 and 340; corequisites NUR 310 and 330.

NUR 410. Adult Health II (5) Students examine the pathophysiological and psychosocial changes in clients in acute care and rehabilitation settings. Students enhance their psychomotor, community and leadership skills while collaborating with other health care workers and with families. Prerequisites: NUR 310, 330 and 401; corequisites: PHL 318.

NUR 411. Child and Adolescent Health (5) Child and Adolescent Health (5) The utilization of developmental theory and nursing process in providing care to children, adolescents and their families. Altered states of health are examined as they affect normal growth and development. Emphasis is on the child/adolescent health maintenance and care when illness occurs. Prerequisite: NUR 410 and 445; corequisites: NUR 430.

NUR 430. Leadership and Management (3) (W) The study of the nurse as leader and case manager of client care. Students synthesize and apply theories of nursing, leadership, change and management; they explore issues of access, availability, utilization, quality of health and the role of health care workers in providing leadership toward resolutions. Prerequisite: Permission of the Division Chair or NUR 401 and 410 and 445; corequisites: NUR 411, 440, and 460.

NUR 440. Practicum: Hospital (3) Working with a preceptor in a hospital setting, the student will actively participate in the management of nursing care for individuals, with an emphasis on clinical practice from a theoretical, holistic and wellness-oriented perspective. Prerequisite: Completion of all clinical courses; corequisites: NUR 430, 440 and 460.

NUR 445. Adult Health III (5) The course offers a continuing learning experience designed to further the students' ability in the application of the nursing process. The emphasis is placed on the assessment and care of patients with complex, life-threatening illnesses. Building on nursing concepts and the liberal arts and sciences, students examine the pathophysiological changes experienced by patients in the acute care setting. The role of the nurse as a caregiver and as a member of the health care team is emphasized. Prerequisites: NUR 401 and 410; corequisite: PHL 318.

NUR 460. Senior Seminar (3) Decision-making, collaboration and the management of change, of power and of conflict are emphasized. The course addresses professional accountability and critical thinking in analyzing contemporary issues; it also focuses on professional development,

leadership styles and nursing and management philosophies. Prerequisite: NUR 445; corequisite: NUR 411, 430 and 440.

NUR 499. Special Topics (1-3) A course of individual study or research. Admission by approval of division chair. Hours and credits to be arranged by faculty facilitator.

UPPER-DIVISION COURSES (RN TO BSN)

NUR 470. Professional Nursing Roles: Enhancements and Updates for RNs (3) This course is designed for the RN- BSN and RN-MSN students to enhance their professional nursing roles and scholarly writing. Current and emerging issues and trends related to nursing practice are explored, and activities focus on professional growth and development through readings, discussions, and assignments

NUR 471. Pathophysiology for RNs (3) This course is designed to provide advanced concepts of physiology and pathophysiology for the practicing RN. Illness and disease management, with alterations in all body systems throughout the lifespan will be addressed, with special emphasis on the role of genomics.

NUR 472. Evidence Based Nursing for RNs (3) This course is for the registered nurse to examine how research is used in evidence-based practice and health care in clinical practice. Appropriate utilization of research findings to monitor patient-centered care, quality improvement, safety, and leadership outcomes will be explored. Critical appraisal skills that assist nurses to be research consumers will be identified.

NUR 473. Leadership and Management for RNs (4) This course emphasizes leadership and management theories for the registered nurse in communications and conflict resolution, budgeting, human resource management, quality improvement, risk management, change, delegation, decision making, and management ethics. The integration of technology is emphasized in the clinical experience where nurse leaders and the roles they plan for the management of patients is observed.

NUR 474. Population Focused Community Health for RNs (4) This course introduces the concept of the population as the patient in the healthcare system and the roles of the registered nurse in community services. Nurse roles include public health, provision of primary care, prevention of disease or health risks, education, and health promotion using levels of prevention. The clinical experience will allow the registered nurse to plan and conduct a project within a community setting.

NUR 475. Health Assessment for RNs (3) This course is designed to incorporate basic assessment skills. Through synthesis of the assessment findings, the registered nurse will learn to incorporate critical thinking. The assessment will include physical, psychological, sociocultural and genomics of the individual and family across the lifespan. The clinical experience will allow practice of assessment skills.

NUR 476. Health Policy for RNs (3) This course assists the registered nurse to study public policy which will influence quality safety, access to care, and cost of care. The focus will be on patient care services provided through health care agencies, and will include the financial and reimbursement perspectives.

NUR 477. Capstone Project for RNs (2) This capstone course provides RN students with an experiential learning experience to integrate clinical knowledge with concepts/theories into professional nursing practice. Students will design a project utilizing evidence-based resources to develop an approved topic in collaboration with a faculty member.

DIVISION OF PHILOSOPHY AND THEOLOGY

Division Chair: Christopher J. Viscardi, SJ, STD

The Division of Philosophy and Theology is aimed not only at professional preparation but also at development of the person: a sense of the past, an awareness of great ideas, and critical reflection on questions of ultimate meaning.

PHILOSOPHY (PHL)

Department Chair/Program Director: Michael Ferry, PhD

Philosophy is a systematic reflection on the basic questions which have excited human curiosity and are the object of profound concern: where we come from, what we ought to do, what we may hope for, who we really are. As such, the study of philosophy leads students to a healthy critique of personal and social beliefs, prejudices, and presuppositions by confronting the diversity of views which is so conspicuous in the history of philosophy, thereby preparing them to develop their choices in a pluralistic society.

Moreover, as philosophy is value-oriented, it complements those departments which in this regard are necessarily "neutral." Like literature and art, but in a unique manner, it is capable of developing in a person a more sensitive, more appreciative attitude toward life. By its breadth, it can compensate for the specialization which is more and more required by the needs of our scientific age. In fact, inasmuch as philosophy takes all human experience for its province, it can easily constitute the integrating principle in a student's entire intellectual life.

For students who desire to make philosophy their life work, the undergraduate curriculum offered here can be the first major step toward acquiring competence in philosophy necessary for those who would teach it, or through research and sustained reflection, seek to push forward the frontiers of human understanding. For most students, however, philosophy is profitable inasmuch as it can give valuable background and support for specialized work in various fields such as law, history, literature, theology, as well as the social and the natural sciences. In fact, students who have no intention of making a career of philosophy may very well choose to major in it as a good foundation for any career, and above all, as an excellent preparation for a richer, more human existence. Such students may prefer to double major in philosophy and some other field. A double major is quite practical, and the departments concerned will work out the details in such a way as not to overburden the students who accept this challenge. In any event, students may deepen their understanding of the great questions and augment their powers of reflection by electing one or more courses in philosophy over and above the general requirements of nine semester hours.

REQUIREMENTS

To meet the College core requirement of nine semester hours in philosophy, courses should be taken in the following sequence: First course: PHL 101. Second course: any other lower-division course. Third course: any lower- or upper-division philosophy course. Choices of core courses are to reflect breadth, but students are encouraged to select a third course that reflects their interests.

Transfer students with a six-hour philosophy requirement usually take PHL 101 and any other philosophy course.

Philosophy majors must take the following philosophy courses: three lower-level courses (including PHL 101 and any two 200-level courses); and eight upper-level courses including PHL 498 Senior Seminar, which fulfills one of two parts of the comprehensive requirement. For the other part of their comprehensive requirement, students will keep a portfolio of all their essays submitted for upper-division work in the major. Their final presentation to the department, given as part of their Senior Seminar, will be of essays selected from their portfolio. In addition, they must successfully complete six hours of upper-division program electives outside of the department.

BACHELOR OF ARTS IN PHILOSOPHY

LOWER-DIVISION

Course	Title	Credit Hours
PHL 101/190	Introductory Logic	3
PHL 2XX	200-level PHL courses	6

UPPER-DIVISION

Course	Title	Credit Hours
PHL 301	Intermediate Logic	3
PHL 341 or PHL 342	History of Ancient Philosophy <i>or</i> History of Medieval Philosophy	3
PHL 343 or PHL 344	History of Modern Philosophy <i>or</i> History of Contemporary Philosophy	3
PHL 3XX/4XX	Upper-Division courses	12
PHL 498 3XX-4XX	Senior Seminar Upper-Division Electives	3 6

MINOR IN PHILOSOPHY

LOWER-DIVISION

Course	Title	Credit Hours
PHL 101/190	Introductory Logic	3
PHL 2XX	200-level Philosophy courses	6

UPPER-DIVISION

Course	Title	Credit Hours
PHL 3XX/4XX	Upper-Division courses	9

GENERAL PREREQUISITE FOR ALL COURSES

PHL 101. Introductory Logic (3) This course provides sound methods for distinguishing good from bad reasoning through the study of the basic methods of formal or symbolic logic. Techniques covered include: symbolization, truth tables and method of deduction for sentential logic. Possible additional topics include: classical syllogistic logic, Venn diagrams for predicate logic, issues of logic embedded in language. A C- or above is required to pass this course; otherwise, an NC (no credit) is assigned and students must retake the class and receive a letter grade (A-F).

or

PHL 190. Honors Logic (3) This is an accelerated course in investigating sound methods for distinguishing good from bad reasoning through the study of the basic methods of formal or symbolic logic. Techniques covered include: symbolization, truth tables, and natural deduction proof methods for sentential logic. Possible additional topics for this honors course may include: predicate logic, modal logic, issues in the philosophy of logic, mathematics and language, the application of the techniques of logic to the analysis of difficult philosophical problems. A C- or above is required to pass this course; otherwise, an NC (no credit) is assigned and students must retake the class and receive a letter grade (A-F). Prerequisite: Honors Standing.

LOWER-DIVISION COURSES

PHL 210. Ethics (3) (E) A study of values and the nature of morality, natural and positive law, and conscience. The ethical frameworks studied are applied to contemporary moral problems. Prerequisite: PHL 101.

PHL 214. Environmental Ethics (3) (E) A multidisciplinary approach to the following questions: The competing paradigms of environmental science; historical roots of the environmental predicament, animal rights, preservation of species, obligations to future generations, population issues, pollution issues, regulatory issues and the ideal of a sustainable society. Students who have taken PHL 314 may not enroll in PHL 214 and vice-versa. Prerequisite: PHL 101; corequisite: BIO 110 (or designated semester).

PHL 220. Philosophy of Human Nature (3) The philosophical examination of what it is to be a human being. Topics may include free will, weakness of will, emotions, rationality, knowledge, skepticism, personal identity, race, gender and the meaning of life. Prerequisite: PHL 101.

PHL 221. Existentialism (3) A philosophy of human nature course from the perspective of existentialism. Topics may include free will, weakness of will, emotions, rationality, knowledge, skepticism, personal identity, race, gender and the meaning of life. Special emphasis on themes of authenticity, choice, commitment, emotion, motivation, self-creation, self-deception and social heteronomy, among others. Prerequisite: PHL 101.

PHL 222. Philosophy as a Way of Life (3) (C) (D) What makes for a good life? How can we, as individuals, live better lives? This course is an attempt to answer these questions through community engagement and service coupled with reflection on the works of philosophers in the Western, Indian, and Chinese philosophical traditions. Prerequisite: PHL 101.

PHL 230. Philosophy of Religion (3) A philosophical reflection on religious issues, language and beliefs. Topics may include the existence of God, immortality, evil and religious pluralism. Prerequisite: PHL 101. Students who wish to take this course on the upper-division level should register for PHL 335.

PHL 291. Honors Ethics (3) (E) This is an accelerated course introducing the student to ethics (cf. PHL 210). Prerequisites: PHL 190 and Honors Standing.

PHL 292. Honors Philosophy of Human Nature (3) This is an accelerated course introducing the student to the Philosophy of Human Nature (cf. PHL 220). Prerequisites PHL 190 and Honors Standing.

PHL 293. Honors Philosophy of Religion (3) This is an accelerated course introducing the student to the philosophy of religion (cf. PHL 230). Prerequisites: PHL 190 and Honors Standing.

PHL 294. Honors Philosophy Special Topics (3) An accelerated philosophy course covering a topic of interest to students and their director on the philosophy faculty. Prerequisites: PHL 190 and Honors Standing.

PHL 295. Special Topics (1-3) Work in an important area of philosophy of special interest to students and their director on the philosophy faculty. Prerequisite: PHL 101.

UPPER-DIVISION COURSES

PHL 301. Intermediate Logic (1-3) Review of the sentential calculus. The study of quantified predicate logic. (Bibliographic instruction course) Prerequisites: PHL 101/190.

PHL 310. Advanced Ethics (3) (W) (E) An intensive consideration of some major problems in ethics or an in-depth study of some figure(s) in the history of ethics. Prerequisites: PHL 101/190 and a lower-division course.

PHL 311. Bioethics (3) (W) (E) The consideration and application of moral principles to the problems and conduct of medical professionals. Topics include professional relationships, management of medical information, reproductive technologies, abortion, end-of-life decisions, AIDS, human genetics and justice in the distribution of health care. Preference is given to pre-medical students. Prerequisites: PHL 101/190 and a lower-division course.

PHL 312. Philosophical Issues in Death and Dying (3) (W) (E) An examination of major ethical theories and conceptions of human nature as they apply to the issues of euthanasia, suicide, the rights of the dying patient, the meaning of life and human destiny. Prerequisites: PHL 101/190 and a lower-division course.

PHL 313. Business Ethics (3) (E) An examination of major ethical theories and their application to the professional problems and conduct of persons engaged in business and management. Prerequisites: PHL 101/190.

PHL 314. Advanced Environmental Ethics (3) (W) (E) An in-depth examination of the issues covered in PHL 214 plus an additional 10-page critical essay on one of the following: a piece of nature writing for English majors, an environmental audit case for business or science majors, a public policy case for economics and social science majors, etc. Students who have taken PHL 214 may not enroll in PHL 314 and vice-versa. Prerequisite: PHL 101/190 and one PHL 2xx or higher.

PHL 315. Ethical Theory (3) A study of classical and contemporary ethical theories. Topics may include ethical relativism, ethical egoism, utilitarianism, deontology, virtue ethics, feminism, moral realism, natural rights and justice. Prerequisites: PHL 101/190 and a lower-division course.

PHL 316. Justice (3) (W) (E) An examination of the nature of justice from a number of classic and contemporary philosophical perspectives. Readings drawn from Aristotle, Marx, Darwin, Rawls, Nozick and contemporary philosophers. Prerequisites: PHL 101/190 and a lower-division course.

PHL 318. Christian Medical Ethics (3) (W) (E) A basic exploration of bioethical issues: their philosophical and theological concepts and their ethical work-up from a distinctively nursing perspective. Enrollment is restricted to nursing majors. Prerequisites: PHL 101/190 and admission to the professional component of the nursing program.

PHL 321. Existentialism (3) (W) A study of the Existentialist movement, its roots and contemporary development. Special attention will be given to Kierkegaard, Sarte and Marcel. Prerequisites: PHL 101/190 and a lower-division course.

PHL 322. Philosophy and Gender (3) (D) (W) A philosophical investigation of the nature of sex and gender in society. Issues may include the nature of difference, equality, justice, and knowledge. Prerequisites: PHL 101/190 and a lower-division course.

PHL 335. Advanced Philosophy of Religion (3) (W) An in-depth examination of the central metaphysical and epistemological issues concerning religious belief. Topics may include classic arguments for the existence of God, the problem of evil, the nature of faith and its relationship to rational criteria, the nature of religious language. Students who have taken PHL 230 may not enroll in PHL 335. Prerequisites: PHL 101/190 and a lower-division course.

PHL 341. History of Ancient Philosophy (3) (W) A study of the history of Western philosophy from its origins through the fourth century BC, emphasizing the Presocratics, Socrates, Plato and Aristotle. Prerequisites: PHL 101/190 and a lower-division course.

PHL 342. History of Medieval Philosophy (3) (W) A survey of philosophy from the end of the classical world (Augustine) through the fourteenth century (William of Ockham). The emphasis is on themes or problems in metaphysics and epistemology. Prerequisites: PHL 101/190 and a lower-division course.

PHL 343. History of Modern Philosophy (3) (W) An examination of the central questions of philosophy from the sixteenth to the nineteenth centuries (e.g., the nature of knowledge, the place of humans in nature, moral and political obligation) as discussed by Descartes, Hobbes, Spinoza, Locke, Leibniz, Berkeley, Hume, Rousseau, Kant and Hegel. Prerequisites: PHL 101/190 and a lower-division course.

PHL 344. History of Contemporary Philosophy (3) (W) A study of the major problems of twentieth century philosophy (intentionality, meaning, reference and interpretation) as discussed by the main figures in the phenomenological or analytic tradition (e.g., Frege, Husserl, Russell, Carnap, Heidegger, Merleau-Ponty, Wittgenstein, Searle, Derrida). Prerequisites: PHL 101/190 and a lower-division course.

PHL 345. Asian Philosophy (3) (WD) A study of the history of philosophy in Asia including China, India, and Japan emphasizing Confucianism, Daoism, orthodox schools of Indian philosophy and Buddhist philosophy. Prerequisites: PHL 101/190 and a lower-division course.

PHL 350. Philosophy of Law (3) (W) An examination of the nature of law and morality, liberty, justice, equality and punishment. Contemporary social issues such as the right to privacy, obscenity and pornography, capital punishment, equality between the sexes are also discussed. Prerequisites: PHL 101/190 and a lower-division course.

PHL 355. Markets and Morality (3) This course involves an extensive discussion of capitalism and socialism, including the various permutations and sub-types of each theory. Students will explore which economic system best promotes social justice, possible moral limitations of free markets, and potential for synthesizing the productivity and efficiency of capitalism with the Jesuit and Catholic commitment to serve others. PHL 101/190 and a lower-division course.

PHL 356. Responsible Capitalism (3) An extensive discussion of capitalism and socialism. Which economic system best promotes social justice. Potential for synthesizing the productivity and efficiency of capitalism with the Jesuit commitment to serve others. Prerequisites: PHL 101/190 and a lower-division course.

PHL 351-352. Western Political Philosophy I, II (3/3) Same course as POL 381-382 (see Political Science for course description). Either the first or the second part of this course may be taken for three hours credit in philosophy. Prerequisites: PHL 101/190 and a lower-division course.

PHL 360. Philosophy of Art (3) An inductive study of aesthetic experience, leading to an analysis of beauty in nature, art in general, and each of the major arts. Reflections on art and life. Prerequisites: PHL 101/190 and a lower-division course.

PHL 370. Philosophy of Science (3) (W) An examination of the central issues in the philosophy of science, including theory confirmation, scientific explanation, scientific method, laws of nature and the relation between theory and the world. Prerequisites: PHL 101/190 and a lower-division course.

PHL 371. Philosophy of Biology (3) (W) A survey of a number of the central questions in the philosophy of biology, including, what is the nature of selection? Is there an "essential" human nature determined in our biology? What is a biological function? What defines a biological species? What is life? Prerequisites: PHL 101/190 and a lower-division course.

PHL 380. Metaphysics (3) (W) A study of those aspects of reality that cannot be studied empirically. This course provides a survey of selected issues and authors (both contemporary and historical) in metaphysics. Topics may include why there is something rather than nothing, the nature of truth, the metaphysics of possibilities, and debates between metaphysical relativists and non-relativists.

PHL 390. Honors Philosophy III (3) This course consists of any upper-division philosophy course for honors students that is approved by the department chair and the director of the honors program.

PHL 395. Special Topics (1-3) (W) Work in an important area of philosophy of special interest to students and their director on the philosophy faculty. Prerequisites: PHL 101/190 and a lower-division course.

PHL 396. Special Topics (1-3) (D) Work in an important area of philosophy of special interest to the students and their director on the philosophy faculty. Prerequisites: PHL 101/190 and a lower-division course.

PHL 397. Special Topics (1-3) (D) (W) Work in an important area of philosophy of special interest to students and their director on the philosophy faculty. Prerequisites: PHL 101/190 and a lower-division course.

PHL 398. Special Topics (1-3) Work in an important area of philosophy of special interest to students and their director on the philosophy faculty. Prerequisites: PHL 101/190 and a lower-division course.

PHL 399. Special Topics (1-3) (I) Interdisciplinary approaches to a topic of special interest to students and their director on the philosophy faculty. Satisfies the Integrations core overlay requirement. Prerequisites: PHL 101/190 and a lower-division course.

PHL 402. Philosophy of Language (3) (W) This course examines theories about what our sentences mean and how we should assess the truth of what we say, focusing on philosophy of language in the analytic tradition. Prerequisites: PHL 101/190 and two other philosophy courses or instructor approval.

PHL 420. Theory of Knowledge (3) (W) A survey of recent work on knowledge and related notions. Topics may include the analysis of knowledge, the structure of justification, a priori knowledge, perceptual knowledge, the social dimension of knowledge, and the challenge of radical skepticism. Prerequisites: PHL 101/109 and a lower-division course.

PHL 422. Philosophy of Mind (3) (W) A study of philosophical theories concerning the nature of the mind and its relation to the body. Among the theories considered are dualism, behaviorism, physicalism and functionalism. Prerequisites: PHL 101/190 and a lower-division course.

PHL 440. Major System or Movement (3) (W) Intensive examination of one major systematic philosopher, movement or school, e.g., Plato, Aristotle, Aquinas, Locke, Hume, Kant, Hegel, Husserl, Whitehead, Wittgenstein; empiricism, continental rationalism, logical positivism, linguistic analysis. Prerequisites: PHL 101/190 and a lower-division course.

PHL 450. Philosophy of Education (3) (W) A study of philosophical problems concerning aims, methods, and organization in education. Same course as EDU 401. Prerequisites: PHL 101/190 and a lower-division course.

PHL 498. Senior Seminar (1-4) (O) (W) The content of the seminar will rotate each year among the following areas: philosophical anthropology, ethical theory, metaphysics, epistemology, philosophy of God, philosophy of science, philosophy of language, philosophy of law. Prerequisite: philosophy major; non-majors with consent of the instructor.

PHILOSOPHY, POLITICS, AND ECONOMICS (PPE)

Program Director: Thomas Metcalf, PhD

Philosophy, Politics, and Economics ("PPE") is an interdisciplinary program designed with two goals: (1) to prepare students for careers or graduate study in public policy, social or political philosophy, law, applied economics, public service, or social or political nonprofit organizations; and (2) to produce careful, conscientious, informed, and morally perceptive citizens, voters, advocates, and leaders.

Requirements

Bachelor's degree candidates must complete PHL498 or POL491 during their senior year. All majors must show competency in oral communication, which is normally demonstrated by satisfying the speech requirement in PHL498 or POL491. The major requires 48 credit-hours; the minor requires 27 credit-hours. For the purpose of satisfying "free electives," the student's major division will be counted as comprising all and only the courses listed in the bulletin as PHL or POL courses.

BACHELOR OF SCIENCE IN PHILOSOPHY, POLITICS, AND ECONOMICS

LOWER-DIVISION

Course	Title	Credit Hours
PHL 101/190	Introductory Logic	3
PHL 210/291	Ethics	3
ECO 101	Principles of Macroeconomics	3
ECO 102	Principles of Microeconomics	3
POL 112	Introduction to American Politics	3
POL 283	American Political Thought	3
	<i>Choose one of the following</i>	3
MTH 163	Basic Statistics for the Sciences (3)	
PSY 263	Statistics for the Social Sciences (3)	
BUS 263	Business Statistics (3)	

UPPER-DIVISION

Course	Title	Credit Hours
FIN 321	Money and Capital Markets	3
	<i>Choose three of the following:</i>	9
PHL 214	Environmental Ethics (3)	
PHL 310	Advanced Ethics (3)	
PHL 311	Bioethics (3)	
PHL 313	Business Ethics (3)	
PHL 315	Ethical Theory (3)	
PHL 316	Justice (3)	
PHL 350	Philosophy of Law (3)	
PHL 351	*Western Political Philosophy I (3)	
PHL 352	*Western Political Philosophy II (3)	

<i>Choose two of the following:</i>	6
POL 321	Political Parties and Interest Groups (3)
POL 323	American Foreign Policy (3)
POL 324	Public Policy (3)
POL 325	Public Administration (3)
POL 377	Global Health Governance (3)
POL 379	International Political Economy (3)
POL 381	*Western Political Philosophy I (3)
POL 382	*Western Political Philosophy II (3)
POL 383	Catholic Social Thought (3)
POL 385	Marxism and 20 th Century Political Thought (3)
POL 386	Political Ideologies and Public Opinion (3)

<i>Choose one of the following:</i>	3
POL 340	Constitutional Law (3)
POL 341	Judicial Processes and Procedures (3)
POL 342	Civil Liberties and Civil Rights (3)

<i>Choose one of the following:</i>	3
PHL 355	Markets and Morality (3)
POL 389	Foundations of Free Markets (3)
ECO 301	Managerial Economics (3)
ECO 434	International Trade and Finance (3)

<i>Choose one of the following:</i>	3
PHL 498	Senior Seminar (3)
POL 491	Seminar in American Government and Politics (3)

[†]Internship or study-abroad experience of at least 90 days in duration; 0-3

Choose one of the following:

Italy Center or other study-abroad experience

Internship arranged through Division of Business (e.g. BUS 496), through Career Services, or through the Foley Center.

* Normally, PHL351-352 are cross-listed with POL381-382. Students may not use PHL351 to count also as POL381, nor use PHL352 to count as POL382, nor vice-versa, for the purposes of satisfying the program requirements. For example, students who take PHL351 and PHL352 still need two courses from among POL321, 323, 324, 325, 377, 379, 383, and 386, and may not use POL381 nor POL382 to satisfy this requirement.

[†]This experience or internship must be of at least 90 days' duration with significant engagement in issues of justice, economics, or development. Other than the Italy Center as an experience, approval decided by program director.

MINOR IN PHILOSOPHY, POLITICS, AND ECONOMICS**LOWER-DIVISION**

Course	Title	Credit Hours
PHL 101/190	Introductory Logic	3
PHL 210/291	Ethics	3
ECO 101	Principles of Macroeconomics	3
ECO 102	Principles of Microeconomics	3
POL 112	Introduction to American Politics	3

UPPER-DIVISION

Course	Title	Credit Hours
<i>Choose one of the following:</i>		3
PHL 313	Business Ethics (3)	
PHL 316	Justice (3)	
PHL 350	Philosophy of Law (3)	
PHL 351	*Western Political Philosophy I (3)	
PHL 352	*Western Political Philosophy II (3)	
<i>Choose two of the following:</i>		6
POL 283	American Political Thought (3)	
POL 324	Public Policy (3)	
POL 325	Public Administration (3)	
POL 340	Constitutional Law (3)	
POL 341	Judicial Processes and Procedures (3)	
POL 342	Civil Liberties and Civil Rights (3)	
POL 379	International Political Economy (3)	
POL 381	*Western Political Philosophy I (3)	
POL 382	*Western Political Philosophy II (3)	
<i>Choose one of the following:</i>		3
PHL 355	Markets and Morality (3)	
POL 389	Foundations of Free Markets (3)	
FIN 321	Money and Capital Markets (3)	

* Normally, PHL351-352 are cross-listed with POL381-382. Students may not use PHL351 to count also as POL381, nor use PHL352 to count as POL382, nor vice-versa, for the purposes of satisfying the program requirements. For example, students who take PHL351 still need two courses from among POL283, 324, 325, 340, 341, 342, 379, and 382, and may not use POL381 to satisfy this requirement.

THEOLOGY (THL)

Department Chair/Program Director: Christopher J. Viscardi, SJ, STD

Spring Hill College, as an institution of higher learning, draws its ultimate inspiration from its commitment to religious values. In the language of the Jesuit tradition, the College is committed to "the service of faith and the promotion of justice," which are at the heart of the Christian gospel. With the view that faith is not simply one isolated area of human experience and reflection but, rather, is the expression of a life vision from which all thought and action flow, the College considers a critical reflection on faith an integral part of its curriculum.

The fundamental rationale of the theology core requirement is to introduce students to serious, critical reflection on questions of ultimate meaning and transcendence. Courses range from the study of world religions and the human experience of faith in general, to an exploration of sacraments, liturgy, and sacred scriptures in the Christian tradition. Students, regardless of religious affiliation, are challenged to a deeper understanding of their own religious experience and the religious heritage of Western civilization.

For students interested in a broader understanding of theological questions or in preparation for some form of church ministry, there are several special programs: a minor in theology, a major or double major, and a certificate in ministry. Special programs for adult students offer a certificate in theological studies, as well as the graduate theology degrees and certificates (see Graduate section of *Bulletin*). In addition to regular course offerings, a complete introduction to Catholic faith and practice (as preparation for confirmation or for entrance into the Church) is offered by the RCIA program, sponsored jointly with Campus Ministry.

Teacher education majors who plan to teach in Catholic schools, whether in the Archdiocese of Mobile or elsewhere, will be able to complete many of the courses leading to the "catechist certification," which is required by the Catholic school system in most areas, by choosing their theology core courses as follows: THL 101/190 (freshman year), any Scripture course (sophomore/junior), THL 242 Catholicism (sophomore/junior), THL 421 Religious Education (junior/senior). In addition, several states recognize philosophy or theology courses to qualify teacher education majors for an endorsement in religious studies.

REQUIREMENTS

General College core requirements for all students, regardless of religious affiliation, include six to nine semester hours in theology, depending on the major (see Core Curriculum section for details). After completion of THL 101/190, a student may take any two courses from the 200 or 300 level. Courses at the 400 level do not satisfy the core requirement.

Theology majors must successfully complete a minimum of 30 hours in theology, including the following courses: THL 101/190 and three other elective courses from the 200- or 300-level, and at least six courses at the 300- or 400-level, including at least two sections of THL 494/495 and the senior seminar, THL 496/497. The 30 hours in theology must include (at either the 200-, 300-, or 400-level) two courses (six hours) in biblical category, two historical, two moral, one pastoral, and one systematic (as identified in the course descriptions below). Students with their first major in theology must also complete an additional course in history and 12 hours in program

electives (upper-division courses, only one of which may be in theology). All courses of the major must have a grade of at least C- and a cumulative average of at least C (2.0).

Comprehensive Experience: The senior seminar is a three-credit-hour course taken in the senior year, culminating in a major research paper (20-30 pages long). The paper will be read by two faculty (the seminar director and a second reader) and presented by the student in a public forum.

All courses are identified by a letter indicating which area(s) of theology they fall under: B (Biblical), H (Historical), M (Moral), P (Pastoral), S (Systematic).

Lower-division courses are distinguished from upper-division either by content (broader, survey approach) or by depth of treatment (more basic, introductory level). Upper-division courses will be more specialized and/or more demanding. Unless otherwise noted in the course description, the only prerequisite for all courses is THL 101/190.

BACHELOR OF ARTS IN THEOLOGY¹

LOWER-DIVISION

Course	Title	Credit Hours
THL 101/190	Introduction to Christian Theology	3
THL 2XX/3XX	Theology Electives	9
HIS XXX	History Elective	3

UPPER-DIVISION

Course	Title	Credit Hours
THL 3XX/4XX	Theology Electives (or any THL 5XX taken for undergraduate credit)	9
THL 494/495	Advanced Electives	6
THL 496/497	Senior Seminar	3
3XX/4XX	Upper-Division Program Electives ²	12

¹A minimum of 30 credits (or a maximum of 33) must be courses in theology (either upper- or lower-division), selected from the following categories: two Biblical, two Moral, two Historical, one Systematic, one Pastoral.

²Selected in consultation with advisor, ordinarily from humanities or social sciences.

MINOR IN THEOLOGY¹

LOWER-DIVISION

Course	Title	Credit Hours
THL 101/190	Introduction to Christian Theology	3
THL 2XX/3XX	Theology Electives	9

UPPER-DIVISION

Course	Title	Credit Hours
THL 3XX/4XX	Theology Electives (or any THL 5XX taken for undergraduate credit)	9

¹ 21 credits must include courses (either upper- or lower-division) in the following categories: one Biblical, one Moral, one Historical, one Systematic.

MINOR IN RELIGIOUS EDUCATION (FOR THEOLOGY MAJORS ONLY)

The Minor in Religious Education is designed to provide Theology majors with a preparation for teaching religion at the Elementary and Secondary School levels. Completion of the Minor requires completion of the Theology major.

REQUIRED COURSES FOR ALL CERTIFICATION AREAS

Course	Title	Credit Hours
EDU 131	Human Development	3
EDU 260	Principles of Educational Psychology	3
EDU 1XX/2XX	Lower-Division Education course	3
EDU 322	Educational Tests and Measurements	3
EDU 330	Strategies for Effective Classroom Management	3
EDU 391	Multicultural Teaching	3
THL 421	Religious Education	3
EDU 3XX	300-level Education Elective	3

*** Students must complete Child Protection Training (during first education course)

***Students must complete Fingerprinting (before first 300 level education course)

GENERAL PREREQUISITE FOR ALL COURSES

THL 101. Introduction to Christian Theology (3) An introduction to the theological study of the Christian tradition of faith. The course is divided into two components: biblical and doctrinal. Both components will investigate the historical development and contemporary understandings of Bible and Tradition, the two fundamental expressions of Christianity.

or

THL 190. Honors Theology I: Introduction to Christian Theology (3) An introduction to the theological study of the Christian tradition designed especially for Honors students. The course has two components: the study of Scripture in the light of contemporary biblical scholarship and the study of leading figures and turning points in the history of doctrine.

LOWER-DIVISION COURSES

THL 221. Ritual & Worship (3) P/H A study of Christian worship and its central role in the life of the Church through a historical analysis of sacred time, church architecture, ritual structures and popular piety. Prerequisite: THL 101/190.

THL 230. New Testament Survey (3) (B) An introduction to the literature and social context of the New Testament. Students will examine the historical and religious setting of New Testament

gospels and letters, the process of development and literary genres, as well as methods of interpretation of the New Testament in their own lived experience. Ordinarily taught as an online course for the Nursing bridge program.

THL 231. Old Testament Survey (3) (B) An introduction to modern scriptural studies and methodology in the context of a survey of the Old Testament. Prerequisite: THL 101/190.

THL 232. Synoptic Gospels (3) (W) (B) An introduction to the historical-critical study of the Gospels comparing and contrasting the Gospels of Matthew, Mark and Luke in their origins, styles and major themes. Prerequisite: THL 101/190.

THL 242. Catholicism (3) (S/H) An overview of the major areas of Catholic teaching and practice: spirituality, Christology, church, sacraments, biblical interpretation, ethics. This course surveys both the historical roots of the Catholic tradition and the views of contemporary theologians. Prerequisite: THL 101/190.

THL 250. The Good Life: Christian Ethics (3) (E/M) An introduction to Christian ethics in three parts: reflection on the theological context of Christian morality, analysis of its traditional methods of moral reasoning, and application of these methods to various contemporary moral issues. Prerequisite: THL 101/190.

THL 261. World Religions (3) (D) (H) A survey course covering the major world religions, such as Animism, Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism and Taoism. Prerequisite: THL 101/190.

UPPER-DIVISION COURSES

THL 321. Worship as Ethics (3) (W) (P/M) This course draws on liturgical texts, classical authors and modern writers to develop a liturgically based understanding of the Christian moral life and to apply that understanding to selected ethical issues. Prerequisite: THL 101/190.

THL 331. Prophets (3) (W) (B) A study of the major prophets of the Old Testament that will examine the historical context, literary style and theological themes of each. Prerequisite: THL 101/190.

THL 332. Gospel & Letters of John (3) (W) (B) An analysis of the structure and purpose of John's Gospel and Letters, their formation and literary problems. An examination of the distinctive Johannine community. Prerequisite: THL 101/190.

THL 333. Letters of Paul (3) (W) (B) A study of the life and writings of St. Paul with an emphasis on his major theological insights (sin, freedom, faith, and union in Christ) and the pastoral motivation for his letters. Prerequisite: THL 101/190.

THL 342. Vatican II (3) (W) (S/H) A study of the path-breaking work of the Second Vatican Council, called the most significant religious event of the 20th century, and its impact on contemporary Christianity, both Catholic and ecumenical. Prerequisite: THL 101/190.

THL 343. Sacraments (3) (S/H) A study of the history and theology of individual sacraments and of sacraments in general. This course examines both classic views (Cyril of Jerusalem, Augustine, Aquinas, Trent) and recent developments, especially the teaching and reforms of Vatican II. Prerequisite: THL 101/190.

THL 344. Christology (3) (S/H) An investigation into the theology of the personal identity of Jesus Christ. A critical analysis will focus selectively on the New Testament data, the trinitarian and Christological formulations of dogma, as well as some of the principal modern historical and theological interpretations. Prerequisite: THL 101/190.

THL 345. Religion & Culture (3) (D) (S) A study of religious faith as a central fact of history and world culture through a reflective interpretation of major literary, historical, and theological documents. Prerequisite: THL 101/190.

THL 350. Catholic Social Thought (3) (D) (W) (M) Contemporary Christians face complex social realities increasingly hostile to human flourishing, owing to the industrial and technological revolutions, capitalism, consumerism and globalization. This course explores some of the pivotal documents in the Catholic response to these developments, the social problems underlying these documents, and the stories of persons whose lives were informed by this tradition. Same course as POL 383. Prerequisite: six hours of theology or permission of instructor.

THL 352. Peace and Justice Issues (3) (M) A Christian approach to the basic ethical demands arising from being a citizen in the human family: the responsibility of nations and individuals to pursue, protect or establish peace; the imperative to seek justice in social and political structures. Current issues, e.g., war and peace, economic systems, environmental concern. Prerequisite: THL 101/190.

THL 353. Human Sexuality & Marriage (3) (M) A Christian understanding of human sexuality and the ethical imperative for personal responsibility and integrity in behavior; issues of pre-marital sex and homosexuality. Catholic theology of marriage as sacrament, issues of divorce and remarriage, impediments, requirements for marriage. Prerequisite: THL 101/190.

THL 354. Religion and International Politics (3) (D) (I) (W) (M) This course will explore the ambivalent role played by religion in global affairs: a source both of deadly conflicts and of acts of peacemaking. Particular themes include Islam in the international arena, religion and human rights, conceptions of world order and United States foreign policy. Prerequisite: THL 101/190 and three additional hours of Theology or Social Sciences.

THL 363. American Religious History (3) (W) (H) A study of the principal developments of religious experience and religious thought in the history of America, along with consideration of their impact on American culture. Prerequisite: THL 101/190.

THL 365. Judaism (3) (D) (H) A theological study of the teaching and practice of Judaism. Both its historical traditions and present-day expressions are examined. Prerequisite: THL 101/190.

THL 384. Special Topics in Theology (3) (I) This course satisfies the integrations core overlay requirement. It will explore a particular issue through the study of theology and a complementary discipline. May be repeated for credit as topics vary. Prerequisites: six hours theology or permission of instructor.

THL 385. Special Topics in Theology I (3) (D) This course satisfies the college-wide diversity requirement. May be repeated for credit as topics vary. Prerequisite: THL 101/190.

THL 386. Special Topics in Theology II (3) (W) This course is recognized as writing intensive. May be repeated for credit as topics vary. Prerequisite: THL 101/190.

THL 387. Special Topics in Theology III (3) (D) (W) This course is writing intensive and also satisfies the college-wide diversity requirement. May be repeated for credit as topics vary. Prerequisite: THL 101/190.

THL 388. Special Topics in Theology IV (3) Content of this course will vary, to offer special areas of study which satisfy the theology core requirement. May be repeated for credit as topics vary. Prerequisite: THL 101/190.

THL 389. Special Topics in Theology V (3) (I) (W) This course is writing intensive and also satisfies the integrations core overlay requirement. It will explore a particular issue through the study of theology and a complementary discipline. May be repeated for credit as topics vary. Prerequisites: six hours of Theology or permission of instructor.

THL 390. Honors Theology II: Major Themes (3) (W) An advanced seminar on a particular topic in religious studies (e.g., Catholicism, Christology, Gospels, Religion & Culture, World Religions), designed especially for Honors students. Prerequisite: THL 101/190.

THL 391. Honors Theology II: Major Themes (3) (D) (W) A course designed for Honors students which has been previously approved for the Diversity designation. Prerequisite: THL 101/190.

SPECIALIZED/ELECTIVES: NON-CORE COURSES

The following courses do not ordinarily satisfy the core requirement in theology. They are sometimes taught as separate, independent courses, but most often are used to designate courses from the graduate program which are taken for undergraduate credit (with appropriate adjustments in assignments and expectations).

THL 421. Religious Education (3) (P) A study of both the theory and practice of religious education. This course is designed for educators who will work either in Catholic schools or in parish programs. Prerequisite: THL 101/190.

THL 425. Special Topics in Pastoral Theology (3) (P) This course will focus on a particular aspect of the theology of Church or ministry, including liturgical and catechetical topics. The course presumes familiarity with basic liturgical and pastoral theology. Prerequisite: THL 101/190.

THL 428. Liturgy, Art & Architecture (3) (P) A study of the development of the history and theology of Christian worship as embodied in art and architecture. Liturgical theology and practice will be examined through an investigation of sacred space. Prerequisite: THL 101/190.

THL 431. Old Testament Topics (1-3) (B) An in-depth study of a special topic in Old Testament literature, such as a major theological theme, a particular literary genre, a period in Israelite history. Prerequisite: THL 101/190.

THL 432. New Testament Topics (1-3) (B) An advanced study of a special topic of interest in the New Testament, such as a particular New Testament book or literary form, or a common theme from various New Testament perspectives. Prerequisite: THL 101/190.

THL 440. Reconciliation (3) (W) (P/S) As an expression of the atoning work of Jesus Christ, reconciliation stands at the center of Christian belief and practice. This course explores the

sacrament of reconciliation in its broader theological context, from a variety of angles: historical, systematic, liturgical, and pastoral. Prerequisite: THL 101/190.

THL 441. Eucharistic Theology (3) (W) (S/P/H) A doctrinal study of the Eucharist with special emphasis on its liturgical context, as a sacrament of Christ and Church, and as the source and summit of sacramental life. Prerequisite: THL 101/190.

THL 451. Christian Spirituality (3) (P) An introduction to the meaning of religious experience or spiritual life from a Christian perspective, consisting of both a theoretical classroom presentation and a practical application through personal meditation. Prerequisite: THL 101/190.

THL 452. Special Moral Topics (1-3) (M) This course presumes familiarity with fundamental ethical categories. It will focus on one particular ethical issue for an extensive and thorough treatment. Prerequisite: THL 101/190.

THL 455. History of Spirituality (3) (H/P) A study of major traditions or authors of spirituality throughout the history of Christianity, such as the desert monks, the mystical traditions of the middle ages, Ignatian spirituality, Teresa of Avila or Thomas Merton. Prerequisite: THL 101/190.

THL 461-462. History of Christian Thought I-II (3) (H/S) This course explores the history of Christian theology, focusing on developments during one of the major historical epochs, i.e., early, medieval, reformation, modern. Prerequisite: THL 101/190.

THL 469. Major Theologian (3) (S/H) An in-depth study of the life and works of an eminent theologian, e.g., Origen, Augustine, Anselm, Aquinas, Luther, Calvin, Rahner. Prerequisite: THL 101/190.

THL 471. The Way of Zen (3) (D) (H) A study of the historical and philosophical origins of this major school of Japanese Buddhism, examining the actual experiences of Zen and reflecting on their cross-cultural (American and Christian) appropriation. Prerequisite: THL 101/190.

THL 490. Intensive Reading Seminar (1-3) (W) An in-depth study of a particular theologian or theological school; limited to students with junior or senior standing and includes a formal research paper. Prerequisites: fifteen hours theology or permission of chair of theology.

THL 494/495. Advanced Topics in Theology (3) (O) (W) Designed primarily for theology majors and minors, the content of this course will vary, but will always include a research paper and a formal oral presentation of the paper to the class. It offers greater depth of inquiry and assumes a basic foundation in theological study. When this course has an approved D (diversity) designation, it will be listed as THL 494 (D/W). Prerequisite: nine hours theology or permission of instructor.

THL 496/497. Senior Seminar (3) (O) (W) Designed for graduating theology majors, ordinarily taken during the senior year, it requires independent critical research, culminating in a thesis paper (20-30 pages) and formal oral presentation in a public forum. When this course has an approved D (diversity) designation, it will be listed as THL 497 (D/W). Prerequisite: Senior standing or permission.

THL 499. Theology Seminar (1-4) Special problems in religious thought. Content of course will be varied to meet more specialized needs/interests of the students and instructor. Prerequisite: THL 101/190.

MINISTRY COURSES

There are two categories of courses in pastoral ministry, designed for students interested in some form of church-related work, such as catechetical, family or youth ministry. The Practicum (MIN 390 or 392) for internships or field education, and the Workshops or Seminars (MIN 395: Special Topics). For theology majors, up to 12 hours of these courses will fulfill the program elective requirements.

MIN 390. Ministry Practicum (1-4) (C) This course is designed to satisfy the CLIMB requirement for the Core Curriculum, through the experience of some form of ministry (social, catechetical, liturgical or youth ministry). Field education offers a work/ learning experience at an approved placement, under the supervision of a mentor and including a weekly reflection meeting, journaling and final paper. Designed to offer students practical ministry experience and opportunities for theological reflection in a seminar setting, one credit of the practicum will require approximately 30 hours at the placement site. When these placements connect students with a diverse population and with issues of social justice and social analysis, application may be made for D (diversity) credit, with approval of the chair of theology, through the Core Development Committee.

MIN 392. Ministry Practicum (1-4) This course is the same as MIN 390, but without the additional requirements pertaining to the CLIMB designation. Either MIN 390 or 392 are required for the Certificate of Ministry but are also open to all students.

MIN 395. Special Topics in Ministry (1-4) These workshops or seminars address particular, applied aspects of various areas in pastoral ministry. Workshops (single-session events) or seminars (multiple sessions) focus on particular issues related to ministry; one credit will require a minimum of five contact hours, along with readings and a paper.

DIVISION OF SCIENCE AND MATHEMATICS

Division Chair: Mark O. Byrne, PhD

The Division of Science and Mathematics includes the departments of Biology; Chemistry, Physics, and Engineering; and Mathematics. Majors are offered in biology, biochemistry, chemistry, dual degree engineering, health science, and mathematics. All of these majors lead to the degree of Bachelor of Science. Prospective students are urged to view the College website for more information concerning the programs available within each department.

PRE-HEALTH PROFESSIONS

Spring Hill College has a longstanding reputation of providing an academically sound background for students who desire to become health care professionals (i.e., physicians, dentists, veterinarians, optometrists and pharmacists). We know first-hand what strengths, skills, and experiences students must develop in order to gain admission to the graduate or professional school of their choice. The excellence of our program is recognized and appreciated by the graduate and professional schools to which our students apply and are accepted. While students who aspire to enter one of the health professions need not pursue a major in one of the sciences, the majors which can most easily be adapted to their needs are in biology, biochemistry and chemistry.

There are three aspects of our program that set it apart from others in our region:

1. **The Core Curriculum** – Medical schools seek students who have a broad-based educational background rich in the humanities. This is exactly the sort of coursework available to students through the college's Core Curriculum.
2. **Preparation for a Post-graduate Education** – Our graduates who have entered health professional schools have confirmed the strength of their undergraduate preparation at Spring Hill. Many of the textbooks that we use in our upper-division biology courses are the same texts used to teach those subjects in medical school. Often students report that subjects were taught in greater depth at Spring Hill than they were in medical school.
3. **Support** – Pre-health science students receive guidance and support from the faculty in every aspect of their pre-medical education. Several group meetings are held each year dealing with issues such as policies and procedures for applying to medical school and preparation for the Medical College Admission Test (MCAT). The Directors of Admission of our state-supported schools of dentistry, medicine, optometry and pharmacy visit our campus each year (as does a representative of the school of medicine at Louisiana State University); and students have the opportunity to meet with these representatives individually. Typically, by the time students make application to the schools of their choice at the end of their junior year, they are well known by the admissions officers of those schools.

THE SPRING HILL COLLEGE/SAINT LOUIS UNIVERSITY PRE-MEDICAL SCHOLARS PROGRAM

The Spring Hill College/Saint Louis University Pre-Medical Scholars Program is a special arrangement between Spring Hill College and the Saint Louis University School of Medicine. It is intended to reduce some of the stress and anxiety that pre-medical students often experience, including preparation for the MCAT.

The program is available to students who have been offered an acceptance to Spring Hill College, have exceptional standardized test scores (ACT composite of 30 or higher, or SAT math and verbal composite of 1320 or higher), a recalculated high school GPA of 3.75 or higher, and excellent recommendations.

The successful student is given the opportunity to apply to medical school during the summer after the sophomore year without taking the MCAT. The Saint Louis University School of Medicine requires that students take the MCAT after they receive provisional acceptance, and students are expected to achieve their highest possible scores on the MCAT, but the scores do not affect the student's provisional acceptance to medical school.

To apply to the program students will check the box marked "yes, I want to be considered for the Pre-Medical Scholars Program" on the Spring Hill College application for admissions. Additional information concerning the program is available at the website of the Department of Biology.

THE POST-BACCALAUREATE PRE-MEDICAL STUDIES PROGRAM

The Post-Baccalaureate Pre-Medical Studies Program is designed for college graduates who have an undergraduate degree in a field other than the sciences and who seek admission into medical, dental, veterinary, and other healthcare professional schools. The program consists of basic science courses in biology, chemistry, physics, and mathematics that fulfill requirements for admission to medical school and other health-related professional programs. Additional information concerning this program can be obtained at the websites of the Department of Biology.

THE BACHELOR OF SCIENCE IN HEALTH SCIENCE (BSHS)

Program Director: Deborah F. Fox, PhD

The Bachelor of Science in Health Science is designed to prepare students for master and doctorate entry level health careers that require different prerequisites than those included in the BS in Biology with Pre-Health Concentration.

The interdisciplinary focus of this degree will give students the necessary background to successfully meet the requirements needed for application to audiology (AuD), Cardiopulmonary (RT), child life specialist (CCLS), clinical laboratory science (CLS), cytology (CT), genetic counseling (GC), nuclear medicine (NMT), nutrition (CN), orthoptics (CO), physician assistant (PA), physical therapy (PT), prosthetic & orthotics (PO), law school (JD) and public health (MPH) graduate programs. A minor in health sciences will prepare students wishing to apply to health administration (HA), athletic training (AT), medical illustration (CMI), nutrition (CN), occupational therapy (OT), and public health (MPH), graduate programs.

In addition to the core requirements required of all Spring Hill College graduates, the BSHS program consists of prerequisite courses applicable to the careers listed above and includes coursework from areas including biology, chemistry, physics, nutrition, psychology, sociology, ethics and anthropology. Upper-division electives will be chosen in consultation with the student's advisor to prepare for the specific field the student intends to pursue.

Health Science careers have become the dominant fields in health care delivery currently, and the trend is expected to continue. Advances in medical technology, recent legislated health care mandates coupled with an aging population have created increased employment opportunities in health care. The Spring Hill College BSHS program is designed to meet these needs for students who do not intend to pursue the BS in Biology with Pre-Health Science Concentration.

In order to graduate with a Bachelor of Science in Health Science degree, students must pass a standardized comprehensive examination and demonstrate speech competency by taking and passing CMM 150 Introduction to Public Speaking or its equivalent. All science and mathematics courses must be passed with a grade of C- or higher. All prerequisite courses must be passed with a grade of C- or higher before taking a course for which they are prerequisites.

BACHELOR OF SCIENCE IN HEALTH SCIENCES**LOWER-DIVISION**

Course	Title	Credit Hours
BIO 101 & 103	Principles of Biology with Laboratory	4
CHM 111 & 113	General Chemistry I with Laboratory	4
CHM 112 & 114	General Chemistry II with Laboratory	4
CMM 150	Introduction to Public Speaking	3
HSC 136 & 138	Medical Microbiology with Laboratory	4
HSC 165	Emergency Medical Responder	1
HSC 201	Normal and Therapeutic Nutrition	2
HSC 204	Developmental Psychology	3
HSC 225	Abnormal Psychology	3
HSC 231 & 233	Anatomy & Physiology I with Laboratory	4
HSC 232 & 234	Anatomy & Physiology II with Laboratory	4
HSC 256	Cultural Anthropology	3
MTH 111	Pre-Calculus with Trigonometry	3
MTH 163	Basic Statistics for the Sciences	3
PHY 201 & 213 or CHM 231 & 233	Algebra Based Physics I with Laboratory or Organic Chemistry I with Laboratory	4
PSY 101	General Psychology	3
SOC 101	Introduction to Sociology	3

UPPER-DIVISION

Course	Title	Credit Hours
BIO 301	Genetics	3
BIO 410	Immunology	3
HSC 420	Community Health	3
PHL 311	Bioethics	3
*Science Electives:		9
BIO 322 & 324	Developmental Biology with Laboratory (4)	
BIO 351 & 353	Parasitology with Laboratory (4)	
BIO 360	Cell Biology (3)	
BIO 412	Emerging Pathogens (3)	
BIO 462 & 464	General Physiology with Laboratory (4)	
BIO 466	Biology of Cancer (3)	
BIO 470	Mechanisms of Disease (3)	
BIO 499	Special Topics (1-4)	
BIO 3XX/4XX	Other upper division BIO courses (3)	
CHM 232 & 234	Organic Chemistry II with Laboratory (4)	
CHM 461	Biochemistry (3)	
CHM 466	Drug Discovery (3)	
NUR 302	Pharmacology (3)	
NUR 303	Human Pathophysiology (3)	
NUR 401	Scientific Inquiry (3)	
NUR 499	Special Topics (i.e. Health and Aging) (3)	
PHY 202 & 214	Algebra Based Physics II and Laboratory (4)	

*Science Electives: Students select the number of elective courses that will fulfill the major requirement of 3 courses for at least nine (9) semester hours from the list of science courses above.

** Student selects two of the following: SOC 305 Social Gerontology; SOC 375 Gender & Society; SOC 391W Medical Sociology; SOC 475D Affluence & Poverty; PSY 324 Health Psychology; PSY 364 Biological Psychology; PHL 312 Issues in Death & Dying; PHL 371 W Phil of Biology

MINOR IN HEALTH SCIENCE

A minor in health science will prepare students wishing to apply to health administration (HA), athletic training (AT), public health (MPH), medical illustration (CMI), occupational therapy (OT) and nutrition (CN) graduate programs. Courses for the minor consist of 30-32 semester hours.

Course	Title	Credit Hours
BIO 101 & 103	Principles of Biology with Laboratory	4
HSC 136 & 138* or	Medical Microbiology with Laboratory <i>or</i>	4
HSC 201*	Normal and Therapeutic Nutrition	2
HSC 231 & 233	Anatomy & Physiology I with Laboratory	4
HSC 232 & 234	Anatomy & Physiology II with Laboratory	4
PHY 201 & 213* or	Algebra Based Physics I with Laboratory <i>or</i>	4
CHM 111 & 113	General Chemistry	4
HSC 204	Developmental Psychology	3
HSC 225	Abnormal Psychology	3
HSC 256	Cultural Anthropology	3
PHL 311	Bioethics	3

* Pick one (AT and CN must take HSC 201; OT must take PHY201/213

FOUNDATIONS OF MEDICINE CERTIFICATE

The Foundations of Medicine Certificate is a four-course certificate program that provides students with fundamental medical knowledge needed for further education in healthcare fields or an adjunct to those working in a non-medical capacity in a medical institution. The program is offered each summer and is fully online.

To receive the certificate, students must complete the following courses:

Course	Title	Credit Hours
HSC 231	Anatomy and Physiology I	3
HSC 232	Anatomy and Physiology II	3
HSC 108	Medical Terminology	3
BIO 116	Microbes and Society	3
	Total	12

This certificate is available to both traditional and Continuing Studies students.

BIOLOGY (BIO)

Department Chair/Program Director: Rebecca Fillmore, PhD

The objective of the Department of Biology is to provide students with a post-secondary education in the life sciences, the health professions, or teaching. The department offers three optional concentrations: Cellular and Molecular Biology, Organismal and Marine Biology, and Pre-Health Science (for those preparing for a career in medicine, dentistry, veterinary medicine, optometry, and pharmacy). For additional information regarding departmental programs and faculty, please consult the College's website at: www.shc.edu. The departmental website contains faculty contact information, and prospective students are encouraged to contact departmental faculty for further information concerning our programs.

An additional objective of the department is to provide all students of the College with the opportunity to learn the general principles of the life sciences necessary for a complete liberal arts education.

Requirements

Each concentration requires BIO 101 Principles of Biology, BIO 103 Principles of Biology Laboratory, and 24 credit hours of upper-division lecture and laboratory courses in biology, including BIO 301 Genetics and BIO 302 Genetics Laboratory, and BIO 360 Cell Biology and BIO 362 Cell and Molecular Biology Laboratory. In addition, students must complete six upper-division credit hours in a discipline other than biology that supports the major and are approved by the student's advisor.

Biology majors are also required to take MTH 121 Calculus I, MTH 163 Basic Statistics for the Sciences, PHY 221 and PHY 213 Physics with Calculus I and Laboratory and PHY 222 and PHY 214 Physics with Calculus II and Laboratory. Though not required, students are encouraged to choose upper-division biology electives within one of the three concentrations. All science and mathematics courses must be passed with a grade of C- or higher. All prerequisite courses must be passed with a grade of C- or higher before taking a course for which they are prerequisites.

The minor in biology consists of 26 semester hours in biology, including four lower-division (100-200 level) courses with laboratories (16 semester hours), and three upper-division (300-400 level) courses, at least one of which must include a laboratory (10 semester hours). (Note: General and Organic Chemistry are required for some, but not all, upper-division biology courses.)

In order to graduate with a Bachelor of Science degree, students majoring in biology must pass a standardized comprehensive written examination and demonstrate speech competency by taking and passing CMM 150 Introduction to Public Speaking or its equivalent.

MARINE BIOLOGY CONCENTRATION

All students following the concentration in Marine Biology should anticipate spending a portion of the summer between their junior and senior years at the Marine Environmental Sciences Consortium laboratory (also known as the Dauphin Island Sea Lab) on nearby Dauphin Island. On a space available basis, study at the Sea Lab might also be available between the sophomore and junior years. Appropriate courses taken at the Sea Lab may be substituted for most of the upper-division concentration requirements. These courses are to be arranged in

consultation with the student's academic advisor and the College's liaison officer for the Sea Lab, Dr. Charles M. Chester.

BACHELOR OF SCIENCE IN BIOLOGY**PRE-HEALTH SCIENCE CONCENTRATION****LOWER-DIVISION**

Course	Title	Credit Hours
BIO 101 & 103	Principles of Biology with Laboratory	4
BIO 236 & 238	Medical Microbiology with Laboratory	4
BIO 240 & 243	Biomedical Anatomy and Physiology I with Lab	4
BIO 241 & 244	Biomedical Anatomy and Physiology II with Lab	4
CHM 111 & 113	General Chemistry I with Laboratory	4
CHM 112 & 114	General Chemistry II with Laboratory	4
CHM 231 & 233	Organic Chemistry I with Laboratory	4
CHM 232 & 234	Organic Chemistry II with Laboratory	4
MTH 121	Calculus I	4
MTH 163	Basic Statistics for the Sciences	3
PHY 221 & 213	Physics with Calculus I with Laboratory	4
PHY 222 & 214	Physics with Calculus II with Laboratory	4

UPPER-DIVISION

Course	Title	Credit Hours
BIO 301 & 302	Genetics with Laboratory	4
BIO 360 & 362	Cell Biology with Laboratory	4

***Electives:**

BIO 322 & 324	Developmental Biology with Laboratory	4
BIO 351 & 353	Parasitology with Laboratory	4
BIO 410	Immunology	3
BIO 412	Emerging Pathogens	3
BIO 421 & 423	Histology with Laboratory	4
BIO 440	Basic and Clinical Endocrinology	3
BIO 450	Molecular Biology	3
BIO 462 & 464	General Physiology with Laboratory	4
BIO 470	Mechanisms of Disease	3
BIO 480	Neurobiology	3
BIO 499	Special Topics or any BIO 4XX	1-4

*Electives - Students select the number of elective courses that will fulfill the major requirement of 24 semester hours of upper-division courses in biology. Students in the Pre-Health Science Concentration are encouraged, but not required, to choose upper-division electives from this list.

BACHELOR OF SCIENCE IN BIOLOGY

ORGANISMAL/MARINE BIOLOGY CONCENTRATION

LOWER-DIVISION

Course	Title	Credit Hours
BIO 101 & 103	Principles of Biology with Laboratory	4
BIO 102 & 104	Botany with Laboratory	4
BIO 205 & 207	Invertebrate Zoology with Laboratory	4
BIO 254 & 256	Vertebrate Zoology with Laboratory	4
CHM 111 & 113	General Chemistry I with Laboratory	4
CHM 112 & 114	General Chemistry II with Laboratory	4
CHM 231 & 233	Organic Chemistry I with Laboratory	4
CHM 232 & 234	Organic Chemistry II with Laboratory	4
MTH 121	Calculus I	4
MTH 163	Basic Statistics for the Sciences	3
PHY 221 & 213	Physics with Calculus I with Laboratory	4
PHY 222 & 214	Physics with Calculus II with Laboratory	4
<i>*Elective</i>		
BIO 105	Introduction to Marine Science	3

UPPER-DIVISION

Course	Title	Credit Hours
BIO 301 & 302	Genetics with Laboratory	4
BIO 360 & 362	Cell Biology with Laboratory	4
<i>*Electives:</i>		
BIO 310	Animal Behavior	3
BIO 322 & 324	Developmental Biology with Laboratory	4
BIO 330 & 331	Entomology with Laboratory	4
BIO 351 & 353	Parasitology with Laboratory	4
BIO 355 & 357	Ecology with Laboratory	4
BIO 460	Evolution	3
BIO 499	Special Topics or any BIO 4XX	1-4
MRN 301	Marine Botany	4
MRN 302	Marine Vertebrate Zoology	4
MRN 306	Marine Biology	4
MRN 312	Marine Ecology	4
MRN 403	Marine Invertebrate Zoology	4
MRN 414	Marsh Ecology	4
MRN 416	Coral Reef Ecology	4
MRN 431	Dolphins and Whales	2

**Electives - Students select the number of elective courses that will fulfill the major requirement of 24 semester hours of upper-division courses in biology. Students in the Organismal/Marine Biology Concentration are encouraged, but not required to choose upper-division electives from this list.*

BACHELOR OF SCIENCE IN BIOLOGY

CELL AND MOLECULAR BIOLOGY CONCENTRATION

LOWER-DIVISION

Course	Title	Credit Hours
BIO 101 & 103	Principles of Biology with Laboratory	4
BIO 205 & 207 or	Invertebrate Zoology with Laboratory or	
BIO 240 & 243	Biomedical Anatomy and Physiology I with Lab	4
BIO 236 & 238	Microbial Biology with Laboratory	4
BIO 241 & 244 or	Biomedical Anatomy and Physiology II with Lab or	
BIO 254 & 256	Vertebrate Zoology with Laboratory	4
CHM 111 & 113	General Chemistry I with Laboratory	4
CHM 112 & 114	General Chemistry II with Laboratory	4
CHM 231 & 233	Organic Chemistry I with Laboratory	4
CHM 232 & 234	Organic Chemistry II with Laboratory	4
MTH 121	Calculus I	4
MTH 163	Basic Statistics for the Sciences	3
PHY 221 & 213	Physics with Calculus I with Laboratory	4
PHY 222 & 214	Physics with Calculus II with Laboratory	4

(Note: Normally, students take either the two-semester sequence in Human Anatomy & Physiology or Invertebrate and Vertebrate Zoology. Also, students may take Botany in place of, or in addition to, Microbial Biology.)

UPPER-DIVISION

Course	Title	Credit Hours
BIO 301 & 302	Genetics with Laboratory	4
BIO 360 & 362	Cell Biology with Laboratory	4
*Electives:		
BIO 322 & 324	Developmental Biology with Laboratory	4
BIO 330 & 331	Entomology with Laboratory	4
BIO 351 & 353	Parasitology with Laboratory	4
BIO 410	Immunology	3
BIO 440	Basic and Clinical Endocrinology	3
BIO 450	Molecular Biology	3
BIO 462 & 464	General Physiology with Laboratory	4
BIO 470	Mechanisms of Disease	3
BIO 480	Neurobiology	3
BIO 499	Special Topics or any BIO 4XX	1-4

*Electives - Students select the number of elective courses that will fulfill the major requirement of 24 semester hours of upper-division courses in biology. Students in the Cell and Molecular Biology Concentration are encouraged, but not required, to choose upper-division electives from the list.

The following courses are recommended for all biology majors:

Course	Title	Credit Hours
PHL 311 or PHL 214	Bioethics or Environmental Ethics	3
PHL 370	Philosophy of Science	3
SOC 391	Medical Sociology	3

MINOR IN BIOLOGY

LOWER-DIVISION

Course	Title	Credit Hours
BIO 101 & 103	Principles of Biology with Laboratory	4
BIO 102 & 104 or BIO 236 & 238	Botany with Laboratory or Microbial Biology with Laboratory	4
BIO 205 & 207 or BIO 240 & 243	Invertebrate Zoology with Laboratory or Biomedical Anatomy and Physiology I with Lab	4
BIO 241 & 244 or BIO 254 & 256	Biomedical Anatomy and Physiology II with Lab or Vertebrate Zoology with Laboratory	4

(Note: Normally, students take either the two-semester sequence in Biomedical Anatomy & Physiology or Invertebrate and Vertebrate Zoology.

UPPER-DIVISION

In addition to the 16 credit hours of lower-division courses, students must take at least three upper-division (300/400 level) courses, at least one of which must include a laboratory.

Note: General and Organic Chemistry as well as Genetics are prerequisites for many, but not all upper-division biology courses.

LOWER-DIVISION COURSES

BIO 100. Human Biology (3) This is a biology course with human application addressing five major areas: physiology, development, genetics, evolution, and current health issues. Special laboratory exercises and demonstrations are included. Satisfies the core laboratory or general science division core requirement.

BIO 101. Principles of Biology (3) A study of fundamental biological concepts and processes. Corequisites: BIO 103, MTH 111 or MTH 121.

BIO 102. Botany (3) An introductory course in botany. (Bibliographic instruction course) Prerequisite: BIO 101 and 103 or equivalent. Corequisite: BIO 104.

BIO 103. Principles of Biology Laboratory (1) Corequisite: BIO 101.

BIO 104. Botany Laboratory (1) Corequisite: BIO 102.

BIO 105. Introduction to Marine Science (3) An introduction to the various disciplines that constitute marine science, both physical and biological. Prerequisite: BIO 101.

BIO 110. Environmental Biology (3) A study of the interrelationships between humans and their environment. Emphasis on human impact on natural ecosystems, environmental economics, politics and ethics. Special laboratory exercises and demonstrations are included. Satisfies the core curriculum requirement of a laboratory science. No prerequisites.

BIO 115. Biology of Sex (3) An introduction to the biological principles of human reproduction. Reproduction anatomy and physiology as well as the social implications of sex and reproductive technology will be considered.

BIO 116. Microbes and Society (3) A study of the relationship between microbes and society. Emphasis on how microbes impact humans, the control of microbes, bioterrorism, food safety and epidemics. Special laboratory exercises are included. Satisfies the core curriculum requirement of a laboratory science. No prerequisites.

BIO 117. Forensic Biology (3) An overview of basic forensic biology: death and decomposition, body fluids, microbiology, zoology, botany. Some subjects will be dealt with in laboratory format.

BIO 120. Farms to Pharmaceuticals: The Botany of Everyday Things (3) A survey of plants and plant products used by people for food, medicine, clothing and shelter. Special laboratory exercises and demonstrations are included. Satisfies the laboratory science core curriculum requirement.

BIO 140. Biology Community Service Seminar (1-2) A community-based learning course. The biology students work with MCPSS 7th grade students on basic biology. Includes hands-on activities and tutoring for EQTs. This course is repeatable for up to 2 credits.
Prerequisite/Corequisite: BIO 101/103; prerequisite: declared biology major.

BIO 201. Flora of the Gulf Coast (3) A survey of the plants of the Gulf Coast for education majors. Emphasizes plant taxonomy but includes aspects of anatomy, physiology, and pathology. Partially satisfies education science requirement.

BIO 202. Pre-Health Shadowing I (1) Students are placed in a hospital, hospice or medical office to observe first-hand different aspects of the medical profession. Students complete a minimum of 40 on-site hours. Prerequisites: minimum of 30 credit hours (all Spring Hill College), cumulative GPA of 3.5 or higher, permission of pre-health advisor and course instructor.

BIO 203. Pre-Health Shadowing II (1) Students observe five areas of the medical practice. This course is repeatable for up to two credits. Prerequisites: BIO 202.

BIO 205. Invertebrate Zoology (3) Study of invertebrate diversity including systematics, natural history, and anatomy. Prerequisite: BIO 101 or CHM 112 or equivalent. Corequisite: BIO 207

BIO 207. Invertebrate Zoology Laboratory (1) Corequisite: BIO 205.

BIO 236. Microbial Biology (3) A course in microbiology for science majors emphasizing the role and importance of microbes in medical, environmental and molecular disciplines. Prerequisite: BIO 101.

BIO 238. Microbial Biology Laboratory (1) Corequisite: BIO 236.

BIO 240-241. Biomedical Anatomy and Physiology I-II (6) A two-semester sequence offering a comprehensive study of the form and function of the human body with emphasis placed on real life and biomedical applications of the principles of anatomy and physiology. Prerequisite: BIO 101. Corequisite: BIO 243-244.

BIO 243-244. Biomedical Anatomy and Physiology Laboratory I-II (2) A study of the form and function of the major organ systems in the human body that will utilize digital anatomy, models, and dissection. Corequisite: BIO 240-241.

BIO 254. Vertebrate Zoology (2) Study of vertebrate diversity including systematics, natural history and anatomy. Prerequisite: BIO 205 and 207 or equivalent. Corequisite: BIO 256.

BIO 256. Vertebrate Zoology Laboratory (2) Corequisite: BIO 254.

UPPER-DIVISION COURSES

BIO 301. Genetics (3) A study of problems in heredity and variation. Prerequisites: BIO 101, 241 or 254 or equivalent; or permission of instructor. Corequisite: BIO 302.

BIO 302. Genetics Laboratory (1) A practical course in methods of genetic investigation. Corequisite: BIO 301.

BIO 310. Animal Behavior (3) An advanced survey of modern approaches to the study of animal behavior; emphasizing the integration of ecological, evolutionary, ethological and physiological approaches. Prerequisites: BIO 301 or permission of instructor. Cross-listed as PSY 384.

BIO 322. Developmental Biology (3) Introduction to embryology, gametogenesis, fertilization, cleavage, gastrulation and organ formation in typical vertebrate forms. Prerequisites: BIO 101, 241 or 254 or equivalent, and BIO 301, or permission of instructor. Corequisite: BIO 324.

BIO 324. Developmental Biology Laboratory (1) Corequisite: BIO 322.

BIO 330. Entomology (3) An introduction to the biology of insects. The course surveys insect anatomy and physiology, social structure, development, evolution, classification and identification, as well as economic and health impacts of human/insect interactions. Prerequisite: BIO 101. Corequisite: BIO 331.

BIO 331. Entomology Laboratory (1) A practical course in arthropod anatomy, insect morphology, and insect identification and classification. An insect collection is required. Corequisite: BIO 330.

BIO 334. Introductory Biophysics (3) A course emphasizing the application of various principles in physics in constructing and simulating quantitative models of various biological processes: representative topics include quantitative scaling, applications of thermodynamics and statistical mechanics, chemical kinetics, genetic regulatory networks, protein-protein interactions and multi-scale models. Prerequisites: PHY 222, MTH 122. Cross-listed as PHY 334.

BIO 340. History and Literature of Biology (3) The events and ideas that have contributed to the development of modern biology, and a guide to searching the literature of biology and biomedical science. Prerequisites: BIO 101.

BIO 351. Parasitology (2) A study of animal parasites which infect or infest man or serve as transmitters of pathogenic organisms to man. Prerequisites: BIO 254 or 241 or equivalent or permission of instructor. Corequisite: BIO 353.

BIO 353. Parasitology Laboratory (2) Corequisite: BIO 351.

BIO 355. Ecology (2) A study of the principles of ecology and their applications to environmental problems in a modern society. Prerequisite: BIO 301 or equivalent. Corequisite: BIO 357.

BIO 357. Ecology Laboratory (2) Corequisite: BIO 355.

BIO 360. Cell Biology (3) (W) An advanced course in cell structure and function. Prerequisites: BIO 205 and 207 or BIO 241, and CHM 231-234. Corequisite: BIO 362.

BIO 362. Cell and Molecular Biology Laboratory (1) A practical course in methods of cellular and molecular biology. Corequisite: BIO 360.

BIO 410. Immunology (3) An introduction to the basic principles of innate and adaptive immunity including the normal immune response and immune disorders. Students actively participate in the course with presentations on selected topics from current immunology literature. Prerequisites or corequisites: BIO 301 and junior standing.

BIO 412. Emerging Pathogens (3) A study of the human, environmental, and pathogen causes of the emergence of infectious diseases. Includes a survey of the emerging infectious diseases of current concern to humans. Online summer course. Prerequisite: Declared biology or health science major with junior standing.

BIO 421. Histology (2) A study of microscopic structure of cells, tissues and organs. Prerequisite: BIO 360. Corequisite: BIO 423.

BIO 423. Histology Laboratory (2) Corequisite: BIO 421.

BIO 440. Basic and Clinical Endocrinology (3) A comprehensive study of the anatomy of endocrine glands, the biochemistry of the hormones they produce, the effect of hormones on normal human physiology and the disorders that result from both hypo and hypersecretion of hormones. Prerequisite: BIO 241.

BIO 450. Molecular Biology (3) (W) An integrated study of gene and nucleic acid structure and function in both prokaryotic and eukaryotic organisms. Prerequisite: BIO 301 or 360.

BIO 460. Evolution (3) Introduction to the study of evolution, including basic evolutionary theory, quantitative and population genetics, life-history strategies, altruism, natural selection, sexual selection, species diversification and adaptation. Prerequisites: junior or senior biology majors.

BIO 462. General Physiology (3) An in-depth study of neural and endocrine control mechanisms, as well as muscular, cardiovascular, respiratory, renal and digestive physiology. Prerequisites: BIO 241 and 360. Corequisite: BIO 464.

BIO 466. Biology of Cancer (3) Study of the molecular biology of cancer and its biologic hallmarks. Current topics in the field will be covered including risk factors, imaging and treatments. Prerequisite: BIO 301/302 with BIO 360 highly recommended or permission of instructor.

BIO 464. General Physiology Laboratory (1) Corequisite: BIO 462.

BIO 470. Mechanisms of Disease (3) Advanced topics in pathobiology and mechanisms of disease: mechanisms of cell injury, inflammation and healing, diseases of immunity, neoplasia, infectious and genetic diseases. Selected contemporary topics from current literature will be discussed. Prerequisites: BIO 301.

BIO 480. Neurobiology (3) A study of the details of neuroanatomy, neurophysiology, motor and sensory systems, neuronal development and the history of neuroscience. Prerequisites: BIO 360 and CHM 232.

BIO 499. Special Topics (1-4) An enrichment in special biological problems for advanced students. Hours and credits to be determined by the project director. May be repeated for credit as topics vary. Prerequisite: BIO 301.

HEALTH SCIENCE (HSC)

LOWER-DIVISION COURSES

HSC 105. Introduction to Kinesiology (3) The course explores the academic discipline, fundamental concepts of movement/physical activity, diversity of human movement, current issues and possible career options within kinesiology. Prerequisite: one course with a BIO, CHM or HSC prefix.

HSC 108. Medical Terminology (3) Online course for students preparing for health professions. Includes Latin/Greek words used in medical terms, pronunciations and the medical terminology of human organ systems. Prerequisite: One course with a BIO, CHM or HSC prefix.

HSC 136. Medical Microbiology (3) Covers important microbial pathogens of human disease. Topics include biological characteristics, epidemiology, mechanisms and routes of transmission, pathogenesis, immunity, host response, control and prevention of microbial pathogens. Prerequisite: BIO 101 or CHM 101 or CHM 111. Corequisite: HSC 138.

HSC 165. Emergency Medical Responder (1) Provides students with the basic knowledge and skills to manage many medical- and trauma-related emergencies. Eligible to take the National Registry Exam upon completion.

HSC 138. Medical Microbiology Laboratory (1) The laboratory emphasizes aseptic technique and the identification of bacterial groups using differential staining, cultivation, and biochemical methods. Corequisite: HSC 136

HSC 201. Normal and Therapeutic Nutrition (2) The study of the human body's physiological response to normal nutrition throughout the lifespan. The course further emphasizes care of the patient with health promoting guidelines and patient diet therapy for various disorders. Prerequisite: Declare a Health Science major or permission of Nursing Division Chair. Cross-listed as NUR 201.

HSC 204. Developmental Psychology (3) The study of social, intellectual, emotional, perceptual and physical development from conception to death. Important theories and research are explored. Prerequisite: PSY 101. Cross-listed as PSY 204.

HSC 205. Health Science Shadowing (1) Students are placed in hospital, clinic, rehabilitation facility, hospice care, laboratory, ambulance, or medical office to observe first-hand different aspects of health care. Students complete a minimum of 40 on-site hours. Prerequisite: minimum 30 credit hours (all Spring Hill College), cumulative GPA of 3.3 or higher, permission of instructor.

HSC 225. Abnormal Psychology (3) This course offers descriptions of a variety of psychological dysfunctions including mood disorders, anxiety disorders, schizophrenia, cognitive disorders, substance-use disorders and personality disorders. Symptoms, causes, prevalence and treatment issues will be addressed. Further, models of understanding abnormal behavior, as well as diagnostic, assessment and classification issues will also be discussed. Prerequisite: PSY 101 or permission of instructor. Cross-listed as PSY 225.

HSC 231-232. Human Anatomy and Physiology I-II (6) A two semester sequence of human anatomy and physiology using an organ system approach. The course focuses on normal anatomy and physiology; disease conditions will be discussed when they illustrate fundamental anatomical and physiological principles. Prerequisites: BIO 101 or CHM 101 or CHM 111 (a grade of C- or higher in HSC 231 required in order to take HSC 232). Corequisites: HSC 233-234.

HSC 233-234. Human Anatomy and Physiology Laboratory I-II (2) An in-depth study of human anatomy and physiology using an organ systems approach. Corequisites: HSC 231-232.

HSC 256. Cultural Anthropology (3) (D) A general descriptive course dealing with the nature of man and culture as perceived by a comparative approach to the analysis of human culture and diversity. Cross-listed as SOC 256.

UPPER-DIVISION COURSES

HSC 324. Health Psychology (3) This course examines the psychosocial factors relevant to health with an emphasis on the contribution of psychological theory to the encouragement of health and wellness and prevention of physical illness. Topics include stress management, health and behavior, chronic and life-threatening illness, treatment, and evaluation of health-related research. Prerequisites: PSY 101 and one 200-level course. Cross-listed as PSY 324.

HSC 391. Medical Sociology (3) (W) This course develops an appreciation of the role of the social sciences in the study of medicine. Many of the problems confronting modern medicine, including health care, are to a large extent psychological, sociological, political, and economic. The adequate treatment of patients cannot be accomplished solely through knowledge of physiological cures. Knowledge of medical sociology is prerequisite to the successful functioning of health care systems. Cross-listed as SOC 391.

HSC 420. Community as Client (3) Using community health theory, research findings and practice settings, students assess physical, social and cultural environments of groups; identify at-risk populations; and examine appropriate nursing interventions. The student functions as a change agent within the community. The course will include community health theory, research

findings and practice settings which are utilized to promote and maintain wellness and prevent disease. Prerequisite: junior or senior status (taking 4xx course requirements).

MARINE BIOLOGY (MRN)

The following courses are offered at the Dauphin Island Sea Lab of the Marine Environmental Sciences Consortium for credit from Spring Hill College.

LOWER-DIVISION COURSES

MRN 125. Oceanology of the Gulf of Mexico (2) A survey of the physics, chemistry, biology, geology and meteorology of the continental margins and deep ocean regions in the Gulf of Mexico and adjacent waters.

MRN 127. Commercial Marine Fisheries of Alabama (2) Exploitation and biology of commercial vertebrates and invertebrates of Alabama and the adjoining Gulf of Mexico, with emphasis on distribution, harvesting technology, processing and economic values. Laboratory exercises include visits to local processing plants and a trawling expedition.

MRN 129. Coastal Climatology (2) Controlling factors of the world's climates, with particular attention to coastal areas, and application and interpretation of climate data.

MRN 140. GIS Basics (2) An introduction to the use of geographic information systems in the coastal and marine environment such as creating and analyzing spatial data. Prerequisite: understanding of Windows operating systems for computers.

MRN 142. GIS Applications (2) About a variety of applications, including GPS data collection, image rectification, 3D display, and Internet mapping. Prerequisite: MRN 140 or the equivalent.

UPPER-DIVISION COURSES

MRN 301. Marine Botany (4) A general survey of marine algae, vascular and non-vascular plants associated with the marine and estuarine environment. Structure, reproduction, identification, distribution and ecology are considered. Prerequisite: BIO 102.

MRN 302. Marine Vertebrate Zoology (4) Lectures will include a general survey of marine vertebrates (except birds) with emphasis on the major groups of fishes. Laboratory sessions will emphasize collecting, observing and field studies of the local fauna. Prerequisite: BIO 254.

MRN 304. Marine Protozoology (2) The taxonomy, structure, ecology, and methods of study of major groups of unicellular marine protists. Prerequisite: BIO 205.

MRN 306. Marine Biology (4) A general survey of marine habitats emphasizing the interactions between organisms and their physical and chemical environments. Prerequisite: BIO 101.

MRN 307. Introduction to Oceanography (4) A general survey of oceanic and near-coastal environments with emphasis on the interaction between physical, geological, chemical and biological processes. Prerequisites: BIO 101, CHM 111 and PHY 221.

MRN 310. Ecology of the Florida Everglades (2) This course examines the natural history and ecology of the world's rarest and most endangered wilderness areas. The course will consist of a week of intensive lectures and discussions focusing on the history, geology, hydrology, and biota of this system, and then a week of intense field time to examine the Everglades and associated systems. The field portion of this course will consist of day-long excursions and

primitive camping. As such, participants should bring appropriate gear and be prepared to actively and cheerfully participate. Prerequisites: BIO 101 and BIO 103.

MRN 312. Marine Ecology (4) Application of general ecological principles to both open ocean and nearshore waters. Prerequisite: BIO 254.

MRN 314. Coastal Birds of Alabama (2) This course highlights the diverse coastal birdlife of Northern Gulf of Mexico. With a focus on the study of avian ecology in the field, this class will include a significant emphasis on the use of both sight and sound as means of field identification. A variety of habitats will be explored, including barrier island nesting grounds, the Mobile-Tensaw River basin, local marshes and other unique coastal habitats. Students will also be introduced to a variety of field ornithology techniques including bird-banding, survey techniques, and monitoring methodologies. Prerequisite: BIO 254.

MRN 315. Marine Geology (4) Nearshore processes, interactions between animals and sediment, grain sizes and sorting, data gathering and report writing. Prerequisite: permission of instructor.

MRN 316. Recent Marine Sedimentation (4) A study of marine sedimentation with emphasis on sedimentary processes and depositional environments. Field exposure to modern carbonate (Florida Keys) and clastic (Gulf Coast/Mississippi River Delta) environments and to ancient analogs. Prerequisite: permission of instructor.

MRN 318. Coastal Geomorphology (2) An introduction to such topics as waves and other coastal hydrodynamics, sediment transport, and interactions with man's dredging, beach filling, and building of jetties. Prerequisite: permission of instructor.

MRN 323. Marine Technical Methods (2) An introduction to field methods, including planning, sampling from both the water-column and sediments, analysis and reporting. Prerequisite: BIO 101.

MRN 325. Identification of Vascular Flora of Dauphin Island and Coastal Alabama (2) A study of the basic characteristics of vascular plants, including experience in collecting, processing, and identifying plants. Prerequisite: BIO 102.

MRN 401. Marine Mammals (4) This course will cover the evolutionary history, taxonomy/classification, anatomy, physiology, behavior and conservation/management issues of marine mammals (cetaceans, pinnipeds, mustelids, sirenians and the polar bear). In addition, research methods used to study marine mammals will be taught (including field and lab techniques). Prerequisite: BIO 254.

MRN 403. Marine Invertebrate Zoology (4) Evolution of systems in major and minor phyla of invertebrates and their adaptations, emphasizing local fauna. Prerequisite: BIO 205.

MRN 410. Shark and Ray Biology (2) This course will introduce the biology of sharks and rays, with special emphasis on regional shark fauna and field techniques. Topics to be covered include chondrichthyan origin, systematics, sensory biology, locomotion, food consumption, osmoregulation, reproductive biology, life history, ecology, fisheries and conservation. Lectures will be supplemented with discussions of papers from the primary literature to familiarize the students with current research. In addition, longline and gillnet sampling will provide students

with first-hand knowledge of field techniques and local shark identification. Prerequisite: BIO 254.

MRN 412. Marine Parasitology (2) This is an intensive marine biological field course that requires physical activity in the ocean and extended hours in the field and laboratory. It engages students to actively seek out, gather, organize, and identify marine and estuarine parasites of aquatic vertebrates (primarily fishes) and invertebrates. Studied habitats comprise estuaries, lagoons, grass beds, nearshore waters, and pelagic waters of the Gulf of Mexico. Prerequisite: BIO 205

MRN 414. Marsh Ecology (4) A study of the flora and fauna elements of various marine marsh communities. Interaction of physical and biological factors will be emphasized. Course is structured to provide actual field experience in addition to lecture material. Trips will be scheduled to acquaint students with regional examples of marsh types. Prerequisite: BIO 355.

MRN 416. Coral Reef Ecology (4) Ecology and evolution of coral reef communities, seagrass beds, and mangrove swamps, with a one-week field trip to Andros Island, Bahamas. Prerequisite: BIO 355 or MRN 312 or permission of the instructors.

MRN 418. Marine Behavioral Ecology (4) Lectures, laboratory exercises, and overnight field trips to show how animal behavior is influenced by its environment and how data is collected and analyzed. Prerequisites: BIO 254 and MTH 121. Recommended: MTH 365.

MRN 420. Marine Conservation Biology (4) Application of current conservation biology to the marine realm through lectures, field trips, assigned readings and term paper. Prerequisite: BIO 355 or MRN 312. Recommended: PHL 214.

MRN 422. Marine Fish Diseases (2) An introduction to aquatic animal diseases, specifically finfish and shellfish with practical techniques for isolation and identification. Prerequisite: BIO 101. Recommended: BIO 236.

MRN 424. Marine Aquaculture (2) Techniques in marine aquaculture such as nutrition, reproductive biology, production, water quality maintenance, processing, marketing, and the economics of commercially important species. Prerequisites: BIO 102 and CHM 111. Recommended: BIO 205.

MRN 426. Coastal Zone Management (2) An examination of the major substantive and procedural aspects of specific laws and regulations governing activity in the coastal zone and of how coastal processes affect specific management issues of the zone. No prerequisites.

MRN 430. Special Topics (1 to 4) Under this title come courses that have been approved too recently by the MESC program committee to be published here with their formal names. Prerequisites: As published in the advising manual of the MESC.

MRN 431. Dolphins and Whales (2) Lectures, audiovisual presentations, and practical exercises to guide students to further study of the classification, anatomy and ecology of the cetaceans. Prerequisite: BIO 254 or 241.

MRN 433. Marine Toxicology (4) This course will introduce basic topics of marine toxicology to students, including dose-response relationships. Data analysis and experimental design of

toxicological studies will be taught, and animals of the coastal area will be used to carry out toxicological studies. Prerequisites: BIO 360 and CHM 231.

MRN 435. Tropical Marine Ecosystems (4) This course will introduce students to the basic ecology, biology and geology of tropical ecosystems, with a one-week trip to the Florida Keys. Prerequisite: BIO 355 or permission of instructor.

MRN 440. Directed Research (1 to 6) Students may enroll by special arrangement. Prerequisites: Discussion with and approval by a faculty member who will be in residence at the Sea Lab during the research.

MRN 450. Introduction to Neurobiology (4) The neuroanatomy and neurophysiology of marine invertebrates and vertebrates. Prerequisite: BIO 360. Recommended: PHY 221 and BIO 462.

GRADUATE COURSES

MRN 501. Marine Botany (4) Similar to MRN 301.

MRN 503. Marine Invertebrate Zoology (4) Similar to MRN 403.

MRN 512. Marine Ecology (4) Similar to MRN 312.

CHEMISTRY, PHYSICS AND ENGINEERING

Department Chair: Virgil Jackson, PhD

CHEMISTRY (CHM)

Program Director: Virgil Jackson, PhD

The purpose of the Chemistry Program is to provide an opportunity for all students to learn the fundamentals of chemistry and to offer a series of courses which, together with the College's core curriculum, will give a broad education and prepare students for a wide range of career opportunities. A clear understanding of chemical laws and theories is emphasized in all courses. Experimental techniques and powers of observations are developed through carefully conducted laboratory work. To achieve these goals, chemistry majors are required to complete twenty-five credit hours of upper-division chemistry courses, calculus I-III, three credit hours of under-graduate research (internship or summer research may be substituted with approval of Department Chair), junior and senior seminars, and three credit hours of program electives.

Requirements

The Chemistry Program offers a major leading to the Bachelor of Science degree in chemistry. For the student who plans a professional career in chemistry, a program of studies is listed below.

Students majoring in chemistry must attain a grade of C- or better in every required course in chemistry, mathematics and physics. With approval of the faculty, they must conduct undergraduate research under the supervision of a faculty advisor and present this research in written or oral form. They must also successfully complete a comprehensive examination provided by the chemistry faculty and given in the senior year.

The College-wide speech competency requirement is fulfilled through the successful completion of CHM 392 and CHM 492.

BACHELOR OF SCIENCE IN CHEMISTRY

LOWER-DIVISION

Course	Title	Credit Hours
CHM 111 & 113 ¹	General Chemistry I with Laboratory	4
CHM 112 & 114 ¹	General Chemistry II with Laboratory	4
CHM 115	General Chemistry I Recitation	0
CHM 231 & 233	Organic Chemistry I with Laboratory	4
CHM 232 & 234	Organic Chemistry II with Laboratory	4
CHM 235	Organic Chemistry Recitation	0
MTH 121 & 122 ¹	Calculus I and II	8
PHY 221 & 213	Physics with Calculus I with Laboratory	4
PHY 222 & 214	Physics with Calculus II with Laboratory	4
MTH 223	Calculus III	4

¹These courses also satisfy nine credits of Core curriculum requirements.

UPPER-DIVISION

Course	Title	Credit Hours
CHM 302 & 304	Instrumental Analysis with Laboratory	5
CHM 351 & 353	Analytical Chemistry and Laboratory	4
CHM 392	Junior Seminar in Chemistry	1
CHM 395 or 495 ²	Chemistry Research	3
CHM 441 & 443	Physical Chemistry I with Laboratory	4
CHM 442 & 444	Physical Chemistry II with Laboratory	4
CHM 451 & 453	Advanced Inorganic Chemistry with Laboratory	4
CHM 461 & 464	Biochemistry I with Laboratory	4
CHM 492	Senior Seminar in Chemistry	1
3XX/4XX	Program Electives	3

²Internship or summer research may be substituted with the approval of the program coordinator.

MINOR IN CHEMISTRY

Course	Title	Credit Hours
CHM 111 & 113 ¹	General Chemistry I with Laboratory	4
CHM 112 & 114 ¹	General Chemistry II with Laboratory	4
CHM 115	General Chemistry I Recitation	0
CHM 231 & 233	Organic Chemistry I with Laboratory	4
CHM 235	Organic Chemistry Recitation	0

¹These courses also satisfy six credits of Core curriculum requirements.

Complete an additional 11 credit hours in CHM 2XX-4XX coursework (not including CHM 462 Biochemistry II or CHM 466 Drug Discovery). The additional hours must include at least 2 credit hours of laboratory coursework.

Prerequisite courses must be passed with a grade of C- or better to satisfy the requirements for enrollment in a subsequent course.

LOWER-DIVISION COURSES

CHM 100. Chemistry in the Modern World (3) An introduction to the chemistry underlying areas of interest in contemporary life. Topics include: environmental chemistry, agricultural chemistry, plastics, nutrition, chemistry and medicine and consumer chemistry. Laboratory experiments and demonstrations are included. Satisfies the laboratory science or general science division requirement for the core.

CHM 101. Chemistry and Life Processes (3) An introduction to general and organic chemistry focusing on topics relevant to the health professions. This course is also appropriate for those students seeking a preparatory course prior to entry into CHM 111. Satisfies the laboratory science or general science division requirement for the core.

CHM 102. Forensic Sciences (3) An introduction to the basic principles and uses of forensic sciences in the American system of justice, this course will review the application of biological, physical, chemical, medical and behavioral sciences as they apply to evidence and its use in law. There are no pre/corequisites for this course. A laboratory fee is charged for this course. Satisfies the laboratory science or general science division requirement for the core.

CHM 103. Environmental Sustainability (3) A general science literacy course focusing on chemical and environmental sustainability. There are no pre/corequisites for this course. Satisfies the laboratory science or general science division core requirement. A laboratory fee is charged.

CHM 110. Introduction to General Chemistry (3) A one semester introductory course covering basic concepts of chemistry with emphasis on problem solving. Designed for those students seeking review and preparation before beginning the general chemistry sequence CHM 111/112. Satisfies the general science division requirement for the core. Topics may include measurements, unit conversions, matter and energy, atomic and molecular structure, chemical bonding and reactions, gases, solutions and acid-base chemistry. Not recommended for nursing students. Satisfies the general science division requirement for the core.

CHM 111. General Chemistry I (3) The first in a two-course series covering some of the most fundamental concepts and theories underlying chemistry. Examples of topics covered in this course are atomic and molecular structure, gases, aqueous solutions, chemical reactions and thermochemistry. Pre/corequisites: CHM 113, 115, and MTH 111 or 121.

CHM 112. General Chemistry II (3) A continuation of CHM 111 including such topics as kinetics, equilibria, acid and base chemistry, thermodynamics and electrochemistry. Prerequisite: CHM 111 or equivalent. Pre/corequisite: CHM 114.

CHM 113. General Chemistry I Laboratory (1) Laboratory exercises to complement and reinforce the concepts covered in CHM 111. Development of basic skills in measurement, observation, deduction and manipulation. Pre/corequisite: CHM 111.

CHM 114. General Chemistry II Laboratory (1) Experiences and exercises to demonstrate and supplement the topics of CHM 112, including the qualitative analysis of selected ions. Pre/corequisite: CHM 112.

CHM 115. General Chemistry I Recitation (0) A course designed to help students bridge the gap between high school and college courses. Emphasis is placed on study skills and strategies as they apply to chemistry. Corequisite: CHM 111.

CHM 193. Honors General Chemistry I Laboratory (1) An Honors section of CHM 113. Students will complete basic to advanced experiments on topics related to General Chemistry lecture utilizing much of the chemical instrumentation in the department. Students will prepare formal laboratory reports and participate in a service-learning project.

CHM 231. Organic Chemistry I (3) An introduction to nomenclature, stereo-chemistry, functional groups and alkane chemistry. Emphasis is placed on mechanisms of functional group reactions. Prerequisite: CHM 112 or equivalent. Pre/corequisite: CHM 233 and CHM 235.

CHM 232. Organic Chemistry II (3) An introduction to structural determination of organic compounds and spectroscopy followed by functional group interconversions, aromatic chemistry and enolate chemistry. Prerequisite: CHM 231 or equivalent. Pre/ corequisite: CHM 234.

CHM 233. Organic Chemistry Laboratory I (1) Laboratory exercises that teach necessary skills for performing organic chemistry reactions. Pre/corequisite: CHM 231.

CHM 234. Organic Chemistry Laboratory II (1) Laboratory exercises to complement and reinforce the concepts covered in CHM 232. Pre/corequisite: CHM 232.

CHM 235. Organic Chemistry Recitation (0) A course designed to aid the student in problem solving. This course must be taken in conjunction with CHM 231 and may be taken in conjunction with CHM 232.

UPPER-DIVISION COURSES

CHM 302. Instrumental Analysis (3) The operating principles and capabilities of various instrumental methods for chemical analysis are studied. These instruments underlie much of the progress made in modern chemistry and biology over the last forty years. Topics covered include: ultraviolet/visible spectroscopy, luminescence spectroscopy, atomic absorption spectroscopy, mass spectroscopy and gas and liquid chromatography. Prerequisite: CHM 351 or equivalent. Pre/corequisite: CHM 304.

CHM 304. Instrumental Analysis Laboratory (2) (W) Hands-on experience with instrumentation with additional laboratory exercises to complement and reinforce the concepts covered in CHM 302. Pre/corequisite: CHM 302.

CHM 351. Analytical Chemistry (3) Topics covered include: error analysis, various types of volumetric analyses and an introduction to spectroscopy. Prerequisite: CHM 112 or equivalent. Pre/corequisite: CHM 353.

CHM 353. Analytical Chemistry Laboratory (1) Laboratory exercises to complement and reinforce the concepts covered in CHM 351, including on-site analysis. Pre/corequisite: CHM 351.

CHM 381. Environmental Chemistry (3) A student of air, water and soil chemistry, including the sources, reactions, transport, effects and fates of chemical species in these environments. Prerequisites: CHM 112 and 114.

CHM 392. Junior Seminar (1) Spring Semester (Bibliographic instruction course.)

CHM 395-396. Junior Chemistry Research (1-2) An original and individual experimental investigation with associated literature study in one of the fields of chemistry under the supervision of a member of the faculty. Students in this course will meet periodically in seminar with the faculty. At the end of the semester, students will write a research report in the form of a journal article and may give an oral presentation to the chemistry seminar. By mutual agreement between the student and the faculty member.

CHM 422. Biophysical Chemistry (3) The physical chemistry of biological systems, including thermodynamics and kinetics. Prerequisite: CHM 461 or equivalent; Corequisite: CHM 424.

CHM 424. Biophysical Chemistry Laboratory (1) (W) Experimental observations of biological macromolecules using biophysical techniques, emphasizing protein stability and activity. Prerequisite: CHM 461 or equivalent; Corequisite: CHM 422.

CHM 441. Physical Chemistry I (3) Mathematical treatment of chemical laws and theories, including thermodynamics, kinetics, kinetic theory and chemistry of solutions and surfaces. Pre/corequisites: PHY 222 or equivalent; MTH 122 or equivalent.

CHM 442. Physical Chemistry II (3) Mathematical treatment of chemical laws and theories, including quantum theory, atomic and molecular structure and spectroscopy. Pre/corequisites: PHY 222 or equivalent; MTH 323 or equivalent.

CHM 443. Physical Chemistry Laboratory I (1) (W) Laboratory exercises to complement and reinforce the concepts covered in CHM 441. Pre/corequisite: CHM 441.

CHM 444. Physical Chemistry Laboratory II (1) (W) Laboratory exercises to complement and reinforce the concepts covered in CHM 442. Pre/corequisite: CHM 442.

CHM 451. Advanced Inorganic Chemistry (3) Selected topics within the great diversity of inorganic chemistry, including theories and concepts that help explain much of the chemistry of the main group and transition elements. Prerequisite: CHM 231. Pre/corequisite: CHM 453.

CHM 453. Advanced Inorganic Chemistry Laboratory (1) (W) Laboratory exercises to complement and reinforce the concepts covered in CHM 451. Pre/corequisite: CHM 451.

CHM 461. Biochemistry I (3) A survey of thermodynamics in living systems, amino acids and protein structure, along with a study of lipids, carbohydrates, proteins and enzyme chemistry. Prerequisites: CHM 231 (BIO 360 recommended).

CHM 462. Biochemistry II (3) An in-depth look at protein function, metabolic pathways, and gene expression and replication. Prerequisites: CHM 232.

CHM 464. Biochemistry Laboratory (1) Laboratory exercises to complement and reinforce the concepts covered in CHM 461 & 462. Pre/corequisite: CHM 461 or 462.

CHM 466. Drug Discovery (3) Modern techniques in drug discovery, from target identification to clinical trials. Case studies of recalled drugs and new therapeutics. Prerequisite: CHM 461.

CHM 481. Spectrometric Methods of Structure Determination (3) A study of proton and carbon-13 NMR spectra, mass spectra, infrared, and ultraviolet spectra for the determination of the molecular structure and the identification of organic compounds. Prerequisite: CHM 232.

CHM 485. Special Studies in Chemistry (1-3) A course whose content will vary according to the needs and interests of the students.

CHM 487-488. Chemistry Internship (1-3) A program of supervised study and research in an academic or commercial chemical laboratory to give students experience with advanced methods and to prepare students for postgraduate work. Hours and credits will be decided by the student and the instructor.

CHM 492. Senior Seminar (1) (O) Spring Semester. (Bibliographic instruction course.)

CHM 495-496. Senior Chemistry Research (1-3) See course description for CHM 395-396.

BIOCHEMISTRY

This is an interdisciplinary major offered by the Division of Sciences. Its purpose is to enable students to acquire a strong background in the chemical underpinnings of biology, one of the fastest growing and most important areas of scientific and medical research today. Courses in biology, chemistry, mathematics and physics provide a solid foundation in the basic sciences. Upper-level courses are designed to integrate these disciplines into a meaningful synthesis. Together with the College's core curriculum, this program provides students with a broad education and a strong, interdisciplinary background in the sciences, and prepares them for numerous careers, including graduate programs in biochemistry and related fields, medical and allied health professional schools, and the biotechnology and pharmaceutical industries.

Requirements

The Biochemistry program offers a major leading to the Bachelor of Science degree in biochemistry. A program of studies is listed below. All courses relevant to the major are listed as Biology or Chemistry courses; there is no special listing of Biochemistry courses. Students must attain a grade of C- or better in all required science and mathematics courses, and must also successfully complete a comprehensive examination provided by the chemistry faculty given in their senior year.

The program electives shown at the bottom of the list must include either CHM 302 & 304 (Instrumental Analysis and lab, recommended for students intending to go to graduate school or an industrial career) or BIO 462 & 464 (General Physiology and lab, recommended for students intending to apply to a health professional school).

The College-wide speech competency requirement is fulfilled through the successful completion of CHM 392 and CHM 492.

Prerequisites for relevant courses are as listed in the Chemistry and Biology program descriptions.

BACHELOR OF SCIENCE IN BIOCHEMISTRY

LOWER-DIVISION

Course	Title	Credit Hours
BIO 101 & 103	Principles of Biology with Laboratory	4
CHM 111 & 113 ¹	General Chemistry I with Laboratory	4
CHM 112 & 114 ¹	General Chemistry II with Laboratory	4
CHM 115	General Chemistry I Recitation	0
CHM 231 & 233	Organic Chemistry I with Laboratory	4
CHM 232 & 234	Organic Chemistry II with Laboratory	4
CHM 235	Organic Chemistry Recitation	0
CHM 351 & 353	Analytical Chemistry with Laboratory	4
MTH 121 & 122 ¹	Calculus I and II	8
PHY 221 & 213	Physics with Calculus I with Laboratory	4
PHY 222 & 214	Physics with Calculus II with Laboratory	4

¹These courses also satisfy nine credits of Core curriculum requirements.

UPPER-DIVISION

Course	Title	Credit Hours
CHM 392	Junior Seminar in Chemistry	1
CHM 422 & 424	Biophysical Chemistry and Laboratory	4
CHM 461	Biochemistry I	3
CHM 462 & 464	Biochemistry II with Laboratory	4
CHM 492	Senior Seminar in Chemistry	1
BIO 301 & 302	Genetics with Laboratory	4
BIO 360 & 362	Cell Biology with Laboratory	4
BIO 450	Molecular Biology	3
BIO/CHM 3XX/4XX	Program Electives ²	7

²Must include either CHM 302 & 304 or BIO 462 & 464.

Students with concentrations in fields other than chemistry may elect a bio-chemistry minor.

MINOR IN BIOCHEMISTRY**LOWER-DIVISION**

Course	Title	Credit Hours
CHM 111 & 113 ¹	General Chemistry I with Laboratory	4
CHM 112 & 114 ¹	General Chemistry II with Laboratory	4
CHM 115	General Chemistry I Recitation	0
CHM 231 & 233	Organic Chemistry I with Laboratory	4
CHM 232 & 234	Organic Chemistry II with Laboratory	4
CHM 235	Organic Chemistry Recitation	0
PHY 222 & 214	Physics with Calculus II with Laboratory	4

¹These courses also satisfy six credits of Core curriculum requirements.

UPPER-DIVISION

Course	Title	Credit Hours
CHM 461 & 464	Biochemistry I with Laboratory	4
CHM 462 ²	Biochemistry II	3

²May be substituted with CHM 466 Drug Discover; requires approval of Program Director.

Prerequisite courses must be passed with a grade of C- or better to satisfy the requirements for enrollment in a subsequent course. Exceptions may be made with the permission of the instructor in consultation with the student's advisor.

PHYSICS

Contact: Virgil Jackson, PhD

The objective of the physics course offerings is to provide an opportunity for all students to study physics in courses emphasizing physical principles and theories of classical and modern physics.

PHYSICS (PHY)

Presently Spring Hill College does not offer a major in physics, but it does offer elementary and advanced courses in physics. Students desiring to study physics should major in mathematics and use the elective hours in the mathematics program for courses in physics.

The courses in physics make available to students of all departments a coherent, comprehensible, and rigorous account of the current state of one of the most stimulating and satisfying intellectual adventures of today. Clear understanding of physical principles and theories is emphasized. Modern experimental techniques and powers of observation are developed in the laboratory.

LOWER-DIVISION COURSES

PHY 114. Conceptual Physics (3) A description of the fundamental concepts of physics which shape our view of the physical universe. Classroom demonstrations will emphasize the importance of measurement for the testing of scientific hypotheses. Non-science majors only. No prerequisites. Satisfies the laboratory science or general science division requirement for the core.

PHY 115. Introduction to Astronomy (3) A comprehensive survey of astronomy including laboratory exercises. Topics include classical mechanics and gravitation, atoms, light and light emission, stellar properties and evolution, stellar remnants (black holes, neutron stars), galaxies (dynamics, structure) and cosmology. No prerequisites. Satisfies the laboratory science or general science division requirement for the core.

PHY 201. Algebra-Based Physics I (3) The first of a two-semester sequence in physics. The course covers Newtonian mechanics and includes kinematics in one and two dimensions, Newton's laws of motion, work, energy, momentum, rotation of rigid bodies, gravitation and oscillatory motion. Prerequisite: MTH 111 or equivalent. Corequisite: PHY 213.

PHY 202. Algebra-Based Physics II (3) The second of a two-semester sequence in physics. A survey of wave motion, classical electromagnetic theory and optics. Wave motion: mechanical wave, superposition, and standing waves. Electromagnetic theory: Coulomb's law, electric fields, electric potentials, Gauss' law, Ampere's law, Faraday's law and electromagnetic waves. Optics: geometric optics including reflection, refraction, mirrors and lenses; physical optics including interference and diffraction. Prerequisite: PHY 201 (a grade of C- or better in PHY 201). Corequisite: PHY 214.

PHY 213. Physics Laboratory I (1) Selected laboratory experiments paralleling topics covered in PHY 221. Corequisite: PHY 201 or 221.

PHY 214. Physics Laboratory II (1) Selected laboratory experiments paralleling topics covered in PHY 222. Corequisite: PHY 202 or 222.

PHY 221. Physics with Calculus I (3) The first of a two-semester sequence in physics. The course covers Newtonian mechanics and includes kinematics in one and two dimensions, Newton's laws of motion, work, energy, momentum, rotation of rigid bodies, gravitation and oscillatory motion. Prerequisite: MTH 121. Corequisite to PHY 213.

PHY 222. Physics with Calculus II (3) The second of a two-semester sequence in physics. A survey of wave motion, classical electromagnetic theory and optics. Wave motion: mechanical wave, superposition, and standing waves. Electromagnetic theory: Coulomb's law, electric fields, electric potentials, Gauss' law, Ampere's law, Faraday's law and electromagnetic waves. Optics: geometric optics including reflection, refraction, mirrors and lenses; physical optics including interference and diffraction. Prerequisite: PHY 221 (a grade of C- or better in PHY 221). Corequisite: PHY 214.

PHY 301. Thermodynamics and Statistical Mechanics (3) A survey of the laws, methods and concepts of thermodynamics and statistical mechanics: ideal and nonideal gases, heat, work, internal energy, enthalpy, heat engines, entropy, chemical potential, heat capacity, phase diagrams. Prerequisites: PHY 221 and MTH 122.

PHY 331. Independent Study Courses (3) Content will vary according to the needs and interests of the students. These courses may be traditional courses in areas such as electronics, optics, and quantum mechanics. Credit to be arranged. Prerequisites: PHY 222 and MTH 122.

PHY 334. Introductory Biophysics (3) A course emphasizing the application of various principles of physics in constructing and simulating quantitative models of various biological processes: representative topics include quantitative scaling applications of thermodynamics and statistical mechanics, chemical kinetics, genetic regulatory networks, protein-protein interactions and multi-scale models. Prerequisites: PHY 222, MTH 122. Cross-listed as BIO 334.

PHY 341. Modern Physics (3) An introduction to the special theory of relativity, atomic physics, Schrodinger equation and its applications, and nuclear physics. Prerequisites: PHY 222 and MTH 122. Course is offered upon program demand.

ENGINEERING DUAL DEGREE PROGRAM

Program Director: Virgil Jackson, PhD

The purpose of the engineering dual degree program is to thoroughly prepare students for successful completion of an engineering degree at an affiliated engineering school. Affiliated engineering schools are those schools with which an agreement has been reached concerning the transfer and application of credits from Spring Hill College coursework applicable toward completing the engineering degree program at the engineering school. Students normally apply for acceptance to an affiliated engineering school during their final semester of coursework at Spring Hill College, which is typically at the beginning of the spring semester of the third year of studies. Currently, Spring Hill has engineering dual-degree agreements with the University of South Alabama, Auburn University, the University of Alabama in Birmingham, the University of Florida, Marquette University, and the Dwight Look College of Engineering at Texas A & M University. When all course requirements are completed at one of these engineering schools and the student has completed all requirements at Spring Hill, Spring Hill College will award a Bachelor of Science degree (in Engineering Dual Degree) simultaneous with the awarding of the Bachelor of Engineering degree from the engineering school. Students who wish to transfer to an engineering school earlier in their studies may of course do so but will not receive a degree from Spring Hill College unless the student receives a minimum of 96 hours of Spring Hill College credit and has completed the required Spring Hill College core and pre-engineering coursework.

While Spring Hill College does not have a school of engineering, it does offer introductory and upper-level courses in all areas fundamental to engineering training. The dual-engineering program emphasizes coursework in physics, chemistry, mathematics, and computer science. These courses form the basic curriculum of the early years of any engineering program and are offered regularly by various departments. A list of the required pre-engineering courses students must complete to be eligible for the dual degree is given below in the table.

A grade of C- or better is required in all mathematics, chemistry, physics, and computer science courses for the awarding of a dual degree. Dual degree students are also required to complete the core curriculum at Spring Hill College, with the exception that the foreign language requirement of the core is waived and four writing-enriched courses (designated W) are required instead of five; students in the program are exempt from the writing across the curriculum requirement, which states that at least one W course must be in the major. The program is sufficiently flexible to accommodate students should they decide to stay at Spring Hill College and major in mathematics, a scientific discipline, or a completely non-scientific field. During the entire program, academic advisors will assist students in finding and preparing for the particular fields for which they are best qualified. Particular programs of study may be tailored to fit individual needs.

BACHELOR OF SCIENCE IN DUAL DEGREE ENGINEERING**LOWER-DIVISION**

Course	Title	Credit Hours
CHM 111 & 113	General Chemistry I with Laboratory	4
CHM 112 & 114	General Chemistry II with Laboratory	4
MTH 121 & 122	Calculus I and II	8
PHY 221 & 213	Physics with Calculus I with Laboratory	4
PHY 222 & 214	Physics with Calculus II with Laboratory	4
CIS 221	Introduction to Object-Oriented Programming	3
	Program Electives	4
MTH 223	Calculus III	4
MTH 261	Differential Equations	3

UPPER-DIVISION

Course	Title	Credit Hours
MTH 3XX/4XX	Mathematics Electives	3
	Program Electives	12

¹Program electives chosen from biology, chemistry, physics, mathematics or computer science courses.

PEN 101. Pre-Engineering Seminar (0) An introduction to engineering and its sub-disciplines designed for Freshman pre-engineering majors.

MATHEMATICS (MTH) AND COMPUTER SCIENCE (CSC)

Department Chair/Program Director: Lauren Grimley, PhD

The goal of the Mathematics Department is to provide Spring Hill students with mathematical ideas and abilities which will help their careers, broaden their minds and enable them to meet the challenges of a lifetime where the understanding of mathematical concepts is necessary for success.

The Mathematics Department offers a program leading to the degree of Bachelor of Science in Mathematics with concentrations possible in the following areas: actuarial mathematics, applied mathematics, pure mathematics and computer analysis.

For those interested in a career in teaching mathematics at the high school level (grades 7-12), the Division of Teacher Education offers a program leading to certification in secondary education combined with a major in mathematics.

A minor program in mathematics is also available.

Requirements

The requirements in all concentrations include MTH 121 Calculus I, MTH 122 Calculus II, MTH 221 Linear Algebra, MTH 223 Calculus III, MTH 261 Differential Equations, MTH 301 Introduction to Abstract Mathematics, CIS 221 Introduction to Object-Oriented Programming, and two semesters of laboratory science. Other specific lower-division course requirements and upper-division mathematics course and program elective requirements distinguish the individual concentrations in mathematics. All courses in the concentration requirements must be passed with a grade of C- or higher. All prerequisite courses must be passed with a grade of C- or higher before taking a course for which they are prerequisite. All candidates for graduation are required to (a) pass a comprehensive undergraduate mathematics examination and (b) successfully complete a senior seminar (MTH 491) in which a comprehensive expository paper on some selected mathematical topic is required.

All students must show competency in oral communication. A student may document such competency by satisfying the speech component in MTH 491, the required seminar for mathematics majors.

The minor in mathematics consists of MTH 121 Calculus I, MTH 122 Calculus II, MTH 223 Calculus III, MTH 301 Introduction to Abstract Mathematics, and nine additional hours of upper-division MTH courses.

BACHELOR OF SCIENCE IN MATHEMATICS**ACTUARIAL MATHEMATICS CONCENTRATION****LOWER-DIVISION**

Course	Title	Credit Hours
MTH 121 & 122	Calculus I and II	8
CIS 221	Introduction to Object-Oriented Programming	3
	Laboratory Science I	4
	Laboratory Science II	4
ECO 101	Principles of Macroeconomics	3
ECO 102	Principles of Microeconomics	3
ACC 201	Principles of Accounting I	3
ACC 202	Principles of Accounting II	3
MTH 221	Linear Algebra	3
MTH 223	Calculus III	4
MTH 261	Differential Equations	3

UPPER-DIVISION

Course	Title	Credit Hours
MTH 301	Introduction to Abstract Mathematics	3
MTH 365	Probability and Statistics	3
MTH 491	Seminar	1
Program Electives	Upper-Division Business Courses	6

Choose two from the following:

MTH 3XX/4XX	Mathematics Electives
MTH 451	Basic Real Analysis (3)
MTH 464	Complex Variables (3)
MTH 482	Algebraic Theory (3)

BACHELOR OF SCIENCE IN MATHEMATICS**APPLIED MATHEMATICS CONCENTRATION****LOWER-DIVISION**

Course	Title	Credit Hours
MTH 121 & 122	Calculus I and II	8
MTH 221	Linear Algebra	3
MTH 223	Calculus III	4
MTH 261	Differential Equations	3
CIS 221	Introduction to Object-Oriented Programming	3
PHY 221 & 213	Physics with Calculus I with Laboratory	4
PHY 222 & 214	Physics with Calculus II with Laboratory	4

UPPER-DIVISION

Course	Title	Credit Hours
MTH 301	Introduction to Abstract Mathematics	3
MTH 470	Mathematical Modeling	3
MTH 491	Seminar	1
Program Electives	Upper-Division Math Courses	6

Choose two from the following:

MTH 451	Basic Real Analysis (3)
MTH 464	Complex Variables (3)
MTH 482	Algebraic Theory (3)
MTH 3XX/4XX	Mathematics Electives (3)

BACHELOR OF SCIENCE IN MATHEMATICS**PURE MATHEMATICS CONCENTRATION****LOWER-DIVISION**

Course	Title	Credit Hours
MTH 121 & 122	Calculus I and II	8
MTH 221	Linear Algebra	3
MTH 223	Calculus III	4
MTH 261	Differential Equations	3
CIS 221	Introduction to Object-Oriented Programming	3
	Laboratory Science I	4
	Laboratory Science II	4

UPPER-DIVISION

Course	Title	Credit Hours
MTH 301	Introduction to Abstract Mathematics	3
MTH 3XX/4XX	Mathematics Electives	3
MTH 491	Seminar	1
Program Electives ¹	Upper-Division Courses	6
<i>Choose two from the following:</i>		6
MTH 451	Basic Real Analysis (3)	
MTH 464	Complex Variables (3)	
MTH 482	Algebraic Theory (3)	

¹To be chosen from upper-division courses that strengthen the major and/or support the student's career objectives.

BACHELOR OF SCIENCE IN MATHEMATICS**COMPUTER ANALYSIS CONCENTRATION****LOWER-DIVISION**

Course	Title	Credit Hours
MTH 121 & 122	Calculus I and II	8
MTH 221	Linear Algebra	3
MTH 223	Calculus III	4
MTH 261	Differential Equations	3
CIS 221	Introduction to Object-Oriented Programming	3
	Laboratory Science I	4
	Laboratory Science II	4

UPPER-DIVISION

Course	Title	Credit Hours
MTH 301	Introduction to Abstract Mathematics	3
MTH 311	Numerical Methods	3
MTH 3XX/4XX	Mathematics Electives	3
MTH 491	Seminar	1
CIS 322	Advanced Object-Oriented Programming	3
CIS 3XX/4XX	Program Electives	6

Choose two from the following:

MTH 451	Basic Real Analysis (3)	6
MTH 464	Complex Variables (3)	
MTH 482	Algebraic Theory (3)	

¹To be chosen from upper-division courses that strengthen the major and/or support the student's career objectives.
minor in mathematics

MINOR IN MATHEMATICS**LOWER-DIVISION**

Course	Title	Credit Hours
MTH 121 & 122	Calculus I and II	8
MTH 223	Calculus III	4

UPPER-DIVISION

Course	Title	Credit Hours
MTH 301	Introduction to Abstract Mathematics	3
MTH 3XX/4XX	Mathematics Electives	9

LOWER-DIVISION COURSES

MTH 010. Intermediate Algebra (3) A course covering properties of real numbers, exponents and radicals, algebra of polynomial and rational expressions, solutions of equations and inequalities and applications. This course does not satisfy any core requirement in mathematics. A C- or above is required to pass this course; otherwise, an NC (no credit) is assigned.

Subsequent retakes will result in the student receiving a letter grade of (A-F). Corequisite: MTH 020

MTH 020. Intermediate Algebra Recitation (0) A course designed to bridge the gap between high school and college courses. Emphasis is on problem solving and study skills for Intermediate Algebra. Corequisite: MTH 010

MTH 103. Contemporary Mathematics (3) Techniques from mathematics that are directly applicable to many realistic problems. Topics include graph theory, scheduling, probability, statistics, election processes and game theory.

MTH 104. Social Justice Mathematics (3) (J) Utilizing mathematics as a tool to identify and study many realistic problems, all of which pertain to social justice. Potential topics include quantitative literacy, democracy and fairness, allocation of wealth, statistics and the history of mathematics.

MTH 111. Precalculus with Trigonometry (3) Analytic geometry; the concept of function with analysis of polynomial, rational, exponential, logarithmic, and trigonometric functions, their properties, graphs, and use in applied problems. This course is intended for students planning to take MTH 121 or MTH 140. Prerequisite: MTH 010, satisfaction of placement criteria (based on high school mathematics background and College Board test scores), or equivalent demonstrated proficiency. A grade of C- or above is required to pass the course; otherwise, a NC (no credit) is assigned. Subsequent retakes will result in the student receiving a letter grade of (A-F).

MTH 112. Trigonometry (3) Elements of plane and spherical trigonometry with applications. Prerequisite: MTH 111, satisfaction of placement criteria (based on high school mathematics background and College Board test scores), or equivalent demonstrated proficiency.

MTH 121. Calculus I (4) Analytic geometry, functions, limits, continuity, the derivative and its applications, the integral and its applications. Prerequisite: MTH 111, satisfaction of placement criteria (based on high school mathematics background and College Board test scores), or equivalent demonstrated proficiency.

MTH 122. Calculus II (4) Applications of the integral, transcendental functions, techniques of integration, indeterminate limit forms, improper integrals and infinite series. Prerequisite: MTH 121.

MTH 140. Calculus with Business Applications (3) A survey of differential and integral calculus with emphasis on applications to business problems. Prerequisite: MTH 111, satisfaction of placement criteria (based on high school mathematics background and College Board test scores), or equivalent demonstrated proficiency.

MTH 163. Basic Statistics for the Sciences (3) Organization and analysis of data; basic probability techniques and distributions; experimental design; hypothesis testing and statistical

inference; linear regression, applications to engineering and the natural sciences. Prerequisite: MTH 010, satisfaction of placement criteria (based on high school mathematics background and College Board test scores), or equivalent demonstrated proficiency.

MTH 190. Mathematics for Elementary Teachers (3) Sets, number systems, basic number theory, and geometry. This course does not satisfy any core requirements in mathematics and is only open to Early Childhood and Elementary Education majors.

MTH 192. Mathematics for Elementary Teachers II (3) Modeling arithmetic and algebraic operations, geometry fundamentals, and coordinate geometry. This course does not fulfill the mathematics core requirement and is only open to Early Childhood and Elementary Education majors.

MTH 221. Linear Algebra (3) Matrices, determinants, vector spaces, linear transformations, eigenvalues and eigenvectors. Prerequisite: MTH 122.

MTH 223. Calculus III (4) Vectors and analytic geometry in space, differential and integral calculus of functions of two or more variables, applications. Prerequisite: MTH 122.

MTH 261. Differential Equations (3) Methods of solution and applications of standard types of ordinary differential equations and systems of ordinary differential equations including series and numerical solutions. Prerequisite: MTH 122.

UPPER-DIVISION COURSES

MTH 301. Introduction to Abstract Mathematics (3) (W) Sets, relations, functions, cardinality and techniques of proof in mathematics. Prerequisites: MTH 122 and PHL 101.

MTH 303. Mathematical Logic (3) Basic ideas of logical structure, sentential theory of inference, introduction to first order predicate logic with assigned readings for independent study. Prerequisite: PHL 101.

MTH 311. Numerical Methods (3) Study of algorithms for solving mathematical problems (such as roots of equations, differentiation, integration, initial and boundary value problems, solutions for systems of equations) by computation and error analysis of the computations. Prerequisites: MTH 122 and CIS 221.

MTH 315. Applied Mathematics I (3) Solutions of non-linear ordinary differential equations, partial differential equations and applied problems that give rise to such equations. Prerequisite: MTH 323.

MTH 316. Applied Mathematics II (3) Linear vector spaces, function spaces, orthogonal polynomials, Fourier analysis and applications of group theory to problems in physics. Prerequisite: MTH 315.

MTH 322. Discrete Mathematics (3) Proofs necessary for modern computer science. Topics include sets, functions, recursion, number theory, combinatorics, and graph theory. Prerequisite: MTH122

MTH 331. Foundations of Geometry (3) Incidence and order properties, Hilbert's axioms, congruence of triangles, inequalities in triangles, absolute and non-Euclidean geometry, the parallel postulates and projective geometry. Prerequisite: MTH 122.

MTH 365. Probability and Statistics (3) Axioms and basic properties, sampling, combinatorics, random variables, probability and density functions, moments, standard distributions, central limit theorem, hypothesis testing, confidence intervals and linear regression. Prerequisite: MTH 122.

MTH 399. Topics in Mathematics (1-3) A course designed to address the topics of special interest to the mathematics faculty. May be repeated for credit as topics vary. Prerequisite: MTH 122.

MTH423. Cryptography (3) A theoretical introduction to classical and modern methods of encryption and decryption. Topics include sharing schemes, private and public key cryptosystems. Prerequisite: MTH304

MTH 451. Basic Real Analysis (3) (W) The real number system, topology of the line, limits, continuity, differentiation, theory of integration, sequences and series of functions. Prerequisites: MTH 301 and MTH 323.

MTH 462. Vector Calculus (3) Curvilinear coordinates, differentiation and integration of vector functions, divergence theorem, curl, Stoke's theorem, conservative fields, orthogonal transformations. Prerequisite: MTH 323.

MTH 464. Complex Variables (3) Arithmetic and geometry of complex numbers, complex functions, analytic and harmonic functions, elementary functions, complex integration, series representations, residue theory and conformal mapping. Prerequisites: MTH 301 and MTH 323.

MTH 465. Problem Solving in Actuarial Science (1-3) Preparation for either Exam P or Exam FM of the Society of Actuaries. May be repeated for credits as topics vary. Prerequisite: MTH 122.

MTH 468. Operations Research (3) Mathematical methods of optimization, linear programming, dynamic programming, network analysis, probabilistic models in decision making, queuing theory and Markov processes. Prerequisite: MTH 365.

MTH 470. Mathematical Modeling (3) (W) Deterministic and probabilistic mathematical methods applied to various disciplines featuring diverse applications which are not usually treated in other upper-division mathematics courses. Prerequisites: One 300 or 400 level MTH course.

MTH 471. Computational Science Laboratory (0-3) Computation in mathematics and the sciences. May be repeated for credits as topics vary. Prerequisite: MTH122

MTH 481. Introduction to Topology (3) Topological spaces, connectedness, compactness, continuous-function separation axioms, product space and additional topics to be selected by instructor. Prerequisite: MTH 451.

MTH 482. Abstract Algebra (3) (W) Groups, subgroups, factor groups, homomorphism theorems, rings, ideals, factorization theory, fields, modules and vector spaces. Prerequisite: MTH 301.

MTH 483. Number Theory (3) Selected topics from number theory such as divisibility, congruences, Diophantine equations, prime number theorem, quadratic reciprocity. Prerequisite: MTH 301.

MTH 491. Seminar (1) (O) Capstone experience for mathematics majors, covering topics of interest not covered in other courses, varying from year to year. Prerequisites: MTH 451, MTH 464 or MTH 482.

MTH 499. Advanced Topics in Mathematics (1-3) A course designed to address the topics of special interest to the mathematics faculty. May be repeated for credit as topics vary. Prerequisite: MTH 301.

COMPUTER SCIENCE (CSC)

Program Director: Lauren Grimley, PhD

The computer science program seeks to develop students' algorithmic thinking, computational competence, and expertise in software engineering through an inquiry-oriented approach. A unique feature of the program at Spring Hill is the integration of the College's liberal arts foundations, utilizing psychology to inform cybersecurity strategies in the Cybersecurity concentration as well as blending computer science with the social sciences to which it contributes via the Data Sciences for the Humanities concentration. The Computational Sciences concentration is designed to marry the hard sciences with computer science. Job skills such as the ability to communicate technical knowledge, orally and written, at a level appropriate to the audience as well as the ability to collaborate with peers on technical matters will be emphasized in the course work.

Requirements

Students in the computer science program will be required to have a personal laptop. All major courses and prerequisite courses must be passed with a grade of C- or better. All concentrations are required to complete CSC 330 Junior Software Engineering Seminar, in which oral competency in computer science will be demonstrated, and CSC 431 Senior Software Architecture Seminar during their junior and senior year, respectively.

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

PURE COMPUTER SCIENCE CONCENTRATION

LOWER-DIVISION

Course	Title	Credit Hours
MTH 121 & 122	Calculus I and II	8
MTH 221	Linear Algebra	3
CSC 100	Computer Science 0: Foundations	4
CSC 101	Computer Science 1: Principles	4
CSC 202	Computer Science 2: Data Structures	4
CSC 203	Computer Science 3: Algorithms	4
CSC 210	Computer Architecture	4

UPPER-DIVISION

Course	Title	Credit Hours
CSC 311	Operating Systems: Design and Implementation	4
MTH 322	Discrete Mathematics	3
MTH 301	Introduction to Abstract Mathematics	3
CSC 312	Database Systems and Theory	3
CSC 320	Automata	3
CSC 321	Programming Languages Theory	3
CSC 330	Junior Software Engineering Seminar	2
CSC 422	Parallel Computing	3
CSC 431	Senior Software Architecture Seminar	1
MTH/CSC 3XX-4XX	Electives	9

BACHELOR OF SCIENCE IN COMPUTER SCIENCE**CYBERSECURITY CONCENTRATION****LOWER-DIVISION**

Course	Title	Credit Hours
MTH 121 & 122	Calculus I and II	8
PSY 101	General Psychology	3
	Laboratory Science I	4
CSC 100	Computer Science 0: Foundations	4
CSC 101	Computer Science 1: Principles	4
CSC 202	Computer Science 2: Data Structures	4
CSC 203	Computer Science 3: Algorithms	4
CSC 210	Computer Architecture	4

UPPER-DIVISION

Course	Title	Credit Hours
MGT 301 <i>or</i>	Management Principles	3
PSY 375	Cognitive Psychology (3)	
CSC 311	Operating Systems: Design and Implementation	4
MTH 301	Introduction to Abstract Mathematics	3
MTH 322	Discrete Mathematics	3
CSC 312	Database Systems and Theory	3
CSC 313	Systems and Software Security	3
CSC 315	Cloud Computing and Development Operations	3
CSC 320	Automata	3
CSC 321	Programming Languages Theory	3
CSC 330	Junior Software Engineering Seminar	2
CSC 414	Networking and Network Security	3
CSC 423	Cryptography	3
CSC 431	Senior Software Architecture Seminar	1

BACHELOR OF SCIENCE IN COMPUTER SCIENCE**DATA SCIENCE FOR THE HUMANITIES CONCENTRATION****LOWER-DIVISION**

Course	Title	Credit Hours
MTH 121 & 122	Calculus I and II	8
MTH 221	Linear Algebra	3
	Laboratory Science I	4
ECO 101	Principles of Macroeconomics	3
POL 112	Introduction to American Politics	3
CSC 100	Computer Science 0: Foundations	4
CSC 101	Computer Science 1: Principles	4
CSC 202	Computer Science 2: Data Structures	4
CSC 203	Computer Science 3: Algorithms	4
CSC 210	Computer Architecture	4
SOC 256	Cultural Anthropology	3

UPPER-DIVISION

Course	Title	Credit Hours
CSC 311	Operating Systems: Design and Implementation	4
MTH 301	Introduction to Abstract Mathematics	3
MTH 322	Discrete Mathematics	3
MTH 365	Probability and Statistics	3
CSC 312	Database Systems and Theory	3
CSC 313	Systems and Software Security	3
CSC 315	Cloud Computing and Development Operations	3
CSC 320 <i>or</i> CSC 321	Automata Programming Languages Theory (3)	3
CSC 330	Junior Software Engineering Seminar	2
CSC 422	Parallel Computing	3
CSC 431	Senior Software Architecture Seminar	1
SOC/ECO/POL 3XX-4XX	Program Electives	6

BACHELOR OF SCIENCE IN COMPUTER SCIENCE**COMPUTATIONAL SCIENCE CONCENTRATION****LOWER-DIVISION**

Course	Title	Credit Hours
MTH 121 & 122	Calculus I and II	8
MTH 221	Linear Algebra	3
MTH 223	Calculus III	4
PHY 221 & 213	Physics with Calculus I with Laboratory	4
PHY 222 & 214	Physics with Calculus II with Laboratory	4
	Laboratory Science I	4
CSC 100	Computer Science 0: Foundations	4
CSC 101	Computer Science 1: Principles	4
CSC 202	Computer Science 2: Data Structures	4
CSC 203	Computer Science 3: Algorithms	4
CSC 210	Computer Architecture	4

UPPER-DIVISION

Course	Title	Credit Hours
CSC 311	Operating Systems: Design and Implementation	4
MTH 301	Introduction to Abstract Mathematics	3
MTH 322	Discrete Mathematics	3
MTH 365 or	Probability and Statistics	3
MTH 470	Mathematical Modeling (3)	
CSC 320 or	Automata	3
CSC 321	Programming Languages Theory (3)	
CSC 330	Junior Software Engineering Seminar	2
CSC 422	Parallel Computing	3
CSC 431	Senior Software Architecture Seminar	1

LOWER DIVISION COURSES

CSC 100 Computer Science 0: Foundations (4) An introduction to algorithmic thinking and problem-solving using computers. Topics include functions, composition, recursion, states, mutability, and programming applications using a functional language such as Racket or Scheme. Satisfies the core laboratory or general science division core requirement. Prerequisite: MTH 111.

CSC 101 Computer Science 1: Principles (4) A first course in programming using JAVA or C++. Topics include object-oriented analysis and design (abstraction, encapsulation, inheritance, and polymorphism), recursion, iterative algorithms, and formal methods. Satisfies the core laboratory or general science division core requirement. Prerequisite: CSC 100.

CSC 202 Computer Science 2: Data Structures (4) A second course in programming using JAVA or C++. Topics include the properties and implementation of various Data Structures (Lists, Stacks, Queues, Sets, Maps, Trees, Graphs), algorithms analysis and reasoning using invariants and assertions. Prerequisite: CSC 101.

CSC 203 Computer Science 3: Algorithms (4) Design and analysis of algorithms. Topics include techniques (e.g. greedy algorithms, dynamic programming), applications (e.g. graphs, sorting, searching), and underlying data structures. Prerequisites: CSC 203 and MTH 322.

CSC 210 Computer Architecture (4) A project-based course on the design of modern computing systems from logical gates to user-level applications. Topics include combinational and sequential logic, Hardware Description Languages, computer architecture, assembly language, virtual machines, high level languages, virtual machines, compilers, operating systems and applications. Prerequisite CSC 202

UPPER DIVISION COURSES

CSC 311 Operating System: Design and Implementation (4) A course on modern operating system design where students explore a Unix-like OS through in-depth projects written in C. Topics include virtualization of CPU and memory resources, concurrency, files, file systems, networking, systems programming and security. Prerequisite CSC 210.

CSC 312 Database Systems and Theory (3) A first semester course on the theory, design and application of database systems with projects written in SQL and C++. Topics include the Relational Model, SQL, Entity-Relationship Model, database internals and design (including indexing and hashing, physical storage and file structure and Query Processing), application design, big data storage systems (noSQL) and data analytics. Prerequisites CS 103 and CSC 311.

CSC 313 Systems and Software Security (3) This course covers the security aspects of computing systems and software through the perspective of an attacker. Through readings and hands on labs students will study security policy and its relationship between system components, systems programming, debugging and reverse engineering, techniques for analyzing insecure software and crafting attack mechanism as well as a practical exploration of contemporary cybersecurity tools. Prerequisite CSC 210.

CSC 315 Cloud Computing and Development Operations (3) A course on cloud infrastructure (the virtualization of compute, network, and storage resources) and its deployment as an extension of software development. Prerequisite CS 210.

CSC 320 Automata (3) (W) An introduction to automata, computability, and complexity. Prerequisites: MTH 301 and CSC 203.

CSC 321 Programming Language Theory (3) An analytic study of programming languages through the design of a programming language and its interpreter in Racket or Scheme. Topics include substitutions and functions, lazy evaluation, recursion, state, continuations, semantics, types, type-systems and a survey of contemporary languages. Prerequisite CSC 203.

CSC 330 Junior Software Engineering Seminar (2) (W) (O) Individual capstone experience for juniors majoring in computer science, covering software engineering topics not covered in other courses, varying from year to year. Prerequisites: CSC 203 and CSC 210.

CSC 399 Topics in Computer Science (1-3) A course designed to address the topics of special interest to the faculty. May be repeated for credit as topics vary. Prerequisite MTH 322 or instructor permission.

CSC 414 Networking and Network Security (3) A course on the functions of a networking system through the lens of an attacker. Through hands on labs students will develop knowledge of the layers of the TCP/IP and OSI Model, network design, network application programming, the tools for investigating and exploiting weakness in the network stack. Prerequisite CSC 210.

CSC 422 Parallel Computing (3) A study of the theory and application of parallel programming with projects written in C++. Topics include theory of scalability, parallel computer architectures, concurrency mechanism, patterns of parallel computing, identifying parallelism in applications and parallel programming models. Prerequisites CSC 210 and MTH 221.

CSC 431 Senior Software Architecture Seminar (1) (W) Group capstone experience for seniors majoring in computer science, covering software architecture topics not covered in other courses, varying from year to year. Prerequisite CSC 330.

DIVISION OF SOCIAL SCIENCES

Division Chair: Harold Dorton, PhD

The Division of Social Sciences consists of the departments of history, international studies, political science and law, psychology and sociology. Students will come to know the issues relevant today as they are investigated in all of the social sciences. Bachelor degrees are granted in history, international studies, political science and law, psychology and sociology.

The first year of the social sciences program offers an introduction to the traditional social sciences. This provides a broad perspective on human behavior for the student and also allows the student to make a reasoned choice of the area within the social sciences for a specialization.

Intensive work in the student's chosen department is reserved for the last two years in college. The curriculum is broad enough to prepare students for graduate school and also to interest those who wish to complete their education with the bachelor's degree.

HISTORY (HIS)

Department Chair/Program Director: Sarah Duncan, PhD

The objectives of the History Department are twofold: introducing to all students the essential background for an educated understanding of the peoples and forces affecting the development of Western societies and enlarging upon the introductory courses with a more intensive analysis of social, political, economic and ideological developments as studied in more concise periods and topical arrangements. The first objective is met through the survey courses that are a part of the College's core curriculum; the second objective is met through the upper-division course offerings.

The department seeks to develop the student's historical knowledge, writing abilities and analytical skills as a contribution to intellectual development, and to provide a sound program not only for students who major or minor in history, but also to serve students through courses that complement the liberal arts and college curricula and that contribute to a wide variety of career and educational objectives including graduate and professional programs in history, government and law.

Requirements

To be admitted to the history program, students must complete the core courses for history: HIS 110 and HIS 213/HIS 214 or HIS 120 and HIS 211/HIS 212. Additionally, students desiring admission to the program may be required to take a brief writing exam administered by the history faculty at the end of the student's sophomore year (or, upon the completion of their first semester as a junior, if a transfer student)

All history majors and secondary education majors specializing in history or social studies must complete HIS 499-Seminar, with a minimum grade of C- in order to graduate with a degree in history. To be eligible to enroll in HIS 499, a student must have: (1) completed all history core requirements; (2) completed at least three 300 or 400 level history courses with at least a minimum grade of C- in each course; (3) completed HIS 203 Historical Methods with at

least a minimum grade of C-; and (4) completed HIS 495 the semester before Seminar with at least a minimum grade of C-.

In order to receive AP credit for history courses, a minimum score of 4 is required. After matriculation, students cannot receive CLEP credit.

BACHELOR OF ARTS IN HISTORY

LOWER-DIVISION

Course	Title	Credit Hours
HIS 110/290 or HIS 120	Introduction to Global Historical Studies <i>or</i> Introduction to American Historical Studies	3
HIS 203	Historical Methods	3
HIS 211 or HIS 212	Western Civilization to 1648 <i>or</i> Western Civilization Since 1648	3
HIS 213 or HIS 214	United States to 1876 <i>or</i> United States Since 1876	3

UPPER-DIVISION¹

Course	Title	Credit Hours
HIS 2XX-4XX	History Electives ¹	21
HIS 499	Seminar	3
	Program Electives	6

¹ At least 15 hours of the electives must be 300- or 400-level courses, and all students must complete at least two 300-400 level courses in American History and two 300- 400 level courses in European History.

MINOR IN HISTORY

LOWER-DIVISION

Course	Title	Credit Hours
HIS 110/290 or HIS 120	Introduction to Global Historical Studies <i>or</i> Introduction to American Historical Studies	3
HIS 203	Historical Methods	3
HIS 211 or HIS 212	Western Civilization to 1648 <i>or</i> Western Civilization Since 1648	3
HIS 213 or HIS 214	United States to 1876 <i>or</i> United States Since 1876	3

UPPER-DIVISION

Course	Title	Credit Hours
HIS 3XX-4XX	History Electives ²	9

²Electives must include at least one American and one European history course.

LOWER-DIVISION COURSES

HIS 110. Introduction to Global Historical Studies (3) (O) An introductory course on historical skills, including: critical reading, writing and thinking, thesis statements, geographical awareness, oral communication and distinguishing between primary and secondary sources. Each course will have a subtitle which would indicate the subject content of the course. This course fulfills one-half of a student's oral communication overlay requirement.

HIS 120. Introduction to American Historical Studies (3) (O) An introductory course on historical skills, including critical reading, writing and thinking, thesis statements, geographical awareness, oral communication and distinguishing between primary and secondary sources. Each course will have a subtitle which would indicate the subject content of the course, which will focus on an American history topic. This course fulfills one-half of a student's oral communication overlay requirement.

HIS 203. Historical Methods (3) (W) A survey of the basics of historical research through a study of a topic determined by the instructor. Students will complete a research paper as the capstone project for this course.

HIS 211. Western Civilization to 1648 (3) A survey of Western civilization from the Classical Period to the mid-1600s. Emphasis is given to Classical Greece, the Hellenistic Age, Roman History, the Middle Ages, the Renaissance, the Reformation and the rise of the nation states. Political, social and economic relationships are integrated and analyzed.

HIS 212. Western Civilization Since 1648 (3) A survey of Western civilization from the Scientific Revolution to the present. Emphasis is given to the Scientific Revolution; the Enlightenment; the French Revolution; industrialization; political, social, and intellectual changes in the nineteenth century; the Russian Revolution; the World Wars; the Cold War and the collapse of Communism. Political, social and economic relationships are integrated and analyzed.

HIS 213. America to 1876 (3) An inquiry into the development of American society through the Civil War and Reconstruction.

HIS 214. The United States Since 1876 (3) An inquiry into America's development since 1876 including the Gilded Age, Progressivism, the Great Depression, both world wars, Vietnam and the many diverse social and political developments from the 1950s into the 1990s.

HIS 220. Introduction to Colonial Latin America (3) (D) Introduction survey of the history of Latin America from pre-Columbian Indian cultures to the beginning of the wars for independence (c. 1810), covering cultural, political, social and economic developments. Major themes include conquest, colonialism, indigenous culture, African slavery, religion, race and ethnicity and gender ideologies.

HIS 221. Introduction to Modern Latin America (3) (D) Introductory survey of the history of Latin America from the era of independence (c. 1810-1825) to the present. Major themes include independence and sovereignty, postcolonialism and neocolonialism, nation- and state-building, liberalism, citizenship, economic development and modernization, social organization and stratification, race and ethnicity, gender relations, identity politics, reform and revolution, authoritarianism and democratization and inter-American relations.

HIS 290. Honors History (3) An advanced study of global history in which students analyze historical writings and primary sources. This course is writing intensive and stresses participation. This course fulfills the college core requirement for HIS 110 Introduction to Global Historical Studies. Prerequisite: Honors Program.

HIS 297. Special Topics in History (3) A lower-division course on a special topic in history as selected by the instructor. No prerequisites.

UPPER-DIVISION COURSES

HIS 312. Medieval Civilization (3) A study of the European Middle Ages from about 300-1400. Special attention will be given to the problems faced by feudal society as well as the creative achievements in the areas of economics, politics and culture. Prerequisite: HIS 110 or HIS 120.

HIS 314. The Renaissance and the Reformation (3) A study of the economic and intellectual expansions of Europe and the religious transformation of the sixteenth and early seventeenth centuries. Prerequisite: HIS 110 or HIS 120.

HIS 317. The Age of Absolutism and the Enlightenment (3) A study of absolutism of the European monarchs and the influence of the Enlightenment on the intellectual life of Europe. Political, economic, social and cultural developments are analyzed with a view to marking the major transformations of the period and the effects on later Western culture. Prerequisite: HIS 110 or HIS 120.

HIS 318. French Revolution and Napoleon (3) An examination of the background, causes, course and significance of the French Revolution. The impact of the Napoleonic period on Europe constitutes an important portion of the course. Prerequisite: HIS 110 or HIS 120.

HIS 319. Europe: 1815-1900 (3) A study of the major political, economic, social and intellectual changes in nineteenth century Europe focusing on nationalism, political participation, industrialization, socialism, Marxism, Darwinism, imperialism and the growth of the middle class. The effects of the Irish famine and Italian and German unification are analyzed. Prerequisite: HIS 110 or HIS 120.

HIS 320. Europe in the Era of the World Wars (3) A study of World War I, the Russian Revolution, the interwar period and World War II. Attention will be given to the rise of dictators. Prerequisite: HIS 110 or HIS 120.

HIS 321. The History of the Holocaust (3) (W) (SJ) A study of the rise of the Nazi Party in Germany, and the origins, process and legacies of the Holocaust in German. Prerequisite: HIS 110 or HIS 120.

HIS 322. Europe Since 1945 (3) Emphasis is on the postwar period, the Cold War, politics, the process of decolonization, the European Union, the changes in Eastern Europe and contemporary developments. Prerequisite: HIS 110 or HIS 120.

HIS 323. Women in European History (3) (D) A study of the roles and lives of European women and their circumstances, activities and achievements from the late 1700s to the present. Attention will be given to the concept of "separate spheres;" increasing public involvement; educational, vocational and professional advancement; the suffrage movement; the role of women in the Russian Revolution and Stalin's Russia; the situation of women in Nazi Germany;

the involvement of women in the world wars; the postwar period; and the current situation of women. Prerequisite: HIS 110 or HIS 120.

HIS 324. Women in American History (3) (D) A study of the experiences of American women from the colonial era to the present, focusing on the major historical issues and historiographical debates surrounding American women's history. Topics will include: the legal status of women; class, ethnic, racial and regional differences amongst American women; women's education; the suffrage movement; the female economy and feminism. Prerequisite: HIS 110 or HIS 120.

HIS 325. Women's History (3) (D) A study of the cultural, social, legal and political situation of women. Attention is given to the effects of tradition, class, race, education, vocational and professional opportunities and government policies regarding women. Specific topics include women in American history, women in European history and women in the nineteenth and twentieth centuries. Prerequisite: HIS 110 or HIS 120.

HIS 326. African-American History (3) (D) A study of the major issues in African-American history, with a focus on the study of primary documents. Topics include the slave trade, slavery, slave resistance, emancipation, the Jim Crow. Prerequisite: HIS 110 or HIS 120.

HIS 327. History of Film and TV (3) (W) A historical overview of the two primary visual and aural media of the past century. This course will examine the major historical and aesthetic trends of both, pointing out their differences, similarities and tenuous interactions throughout the 20th century and into the 21st. Both national and international genres and movements will be covered, with a primary emphasis on American film history and its relationship to our changing culture. Cross-listed as CMM 327. Lab Fee: Curriculum.

HIS 330. World Cultures (3) (D) A historical study of the principal cultures of the world from prehistory to the modern period. Prerequisite: HIS 110 or HIS 120.

HIS 331. Asian History (3) (D) An introduction to the history of Asia with emphasis on India, China and Japan. Although the events of Asian history from the earliest centuries are examined, the course focuses primarily on the significant developments from the nineteenth century to the present. Prerequisite: HIS 110 or HIS 120.

HIS 332. Modern Mexico (3) (D) A study of modern Mexico from its struggle for independence from Spain (c. 1810) to the beginning of the twenty-first century. The course examines the war of independence, civil wars and foreign invasion in the nineteenth century and revolution in the twentieth century. Major themes include liberalism, race and ethnicity, gender relations, nationalism and the Cold War. Prerequisite: HIS 110 or HIS 120.

HIS 333. Native Histories of the Americas (3) (D) A study of the historical experiences of the indigenous peoples in Mesoamerica and North America from the nineteenth century to the present. The course examines how native populations navigated processes of state-formation and modernization through a combination of consent, engagement and outright resistance. Prerequisite: HIS 110 or HIS 120.

HIS 341. Colonial America (3)(W) A study of the colonial period that will focus on the British North American colonies and include the Age of Discovery; a comparison of the northern, southern and middle colonies; the interaction between whites, blacks and Native Americans;

and leading political, economic, ideological and social developments through the French and Indian war. Prerequisite: HIS 110 or HIS 120.

HIS 342. The American Revolution, 1763-1788 (3) An examination of the origins of the American Revolution, the Articles of Confederation government and the framing of the Constitution. Prerequisite: HIS 110 or HIS 120.

HIS 343. The Age of Jefferson and Jackson, 1789-1848 (3) A study of the nation's founding, democratization, expansion, religious and reform movements, the War of 1812 and the Mexican-American War. Prerequisite: HIS 110 or HIS 120.

HIS 344. The Civil War and Reconstruction (3) A study of the origins of the Civil War, the status of both the North and the South during the war and the efforts to restore the Union. Prerequisite: HIS 110 or HIS 120.

HIS 350. The Making of Modern America (3) This course will explore the emergence of the United States into a world power following the end of Reconstruction to the outset of the First World War. The development of American industrial might, the rise of cities, immigration and the establishment of the American empire in the Pacific and the Caribbean will be examined. Special attention will be paid to the Populist and Progressive movements and the impact that each had on the modern United States. Prerequisite: HIS 110 or HIS 120.

HIS 351. US: World Wars and Great Depression (3) This course will examine World War I, the 1920s, the Great Depression and World War II. Prerequisite: HIS 110 or HIS 120.

HIS 352. The United States Since 1945 (3) A study of the Cold War, the civil rights movement, Vietnam, the Watergate crisis and other major economic, political and social developments. Prerequisite: HIS 110 or HIS 120.

HIS 355. The Vietnam Wars, 1945-1975 (3) (W) An examination of the conflicts in Southeast Asia during the 20th century, the course will focus on the American involvement in Vietnam and the war's legacy in the modern United States. Prerequisite: HIS 110 or HIS 120 or permission of the instructor.

HIS 360. The South (3) A survey of the American South from the antebellum period through the development of the New South. Special attention will be paid to the position of Alabama in the region. Prerequisite: HIS 110 or HIS 120.

HIS 361. The American West (3) Course focuses on the nineteenth century American West. Attention is given to the vast geography of the West; the pioneering trails to Oregon and California; and the interaction among Native Americans, settlers, the army and bureaucrats. Prerequisite: HIS 110 or HIS 120.

HIS 362. American Presidents (3) A study of American presidents from George Washington to the present that primarily uses biographies and biographical material in analyzing how the presidency has changed as an institution. Prerequisite HIS 110 or HIS 120.

HIS 364. American Environmental History (3) This course examines both the ways that the environment helped shape American history as well as mankind's impact on the American

environment. Issues such as the environmental movement in the US, including major environmental debates, will also be addressed. Prerequisite HIS 110 or HIS 120

HIS 365. American Immigration Studies (3) (I) A study of the historical roots of contemporary US immigration issues. Prerequisite: HIS 110 or HIS 120.

HIS 390. Honors Historical Studies (3) An honors level advanced history course covering a special topic Prerequisite: Three hours of history (HIS 110 or HIS 120) and honors standing.

HIS 495. Seminar Topic (3) Prerequisite course for HIS 499 Seminar. HIS 495 will be cross-listed with an upper-division history course each fall. Its topic will vary depending on the instructor.

HIS 496. Readings in History (3) A directed reading program. Prerequisites: Six hours of history and permission of professor.

HIS 497. Topics in History (3) An advanced history course covering a special topic. Prerequisite: HIS 110 or HIS 120.

HIS 498. Historical Internship (3-6) A course designed to give students an introduction to the work of the historian in various fields. Placement may include archives, museums and historical sites. Prerequisites: Junior or senior standing and permission of professor.

HIS 499. Seminar (3) (W/O) The student will engage in extensive historical analysis and interpretation and will learn the fundamentals of historical research. A major research paper is required. This course will be taught at the senior level and the topic of the seminar will change annually, depending on the interests of the professor directing it. Required of all majors in history and strongly recommended to all history minors. This course fulfills one-half of a student's oral communication overlay requirement. Prerequisite: HIS 495 and permission of professor required.

INTERNATIONAL STUDIES

Program Director: Vlad Kravtsov, PhD

International Studies is “a field of inquiry that examines the broad array of human relationships that involve cross-border interaction.” This interdisciplinary degree program is housed in the Department of Political Science and Law, but draws faculty from many academic departments. We prepare students for broad areas of international employment, including non-profits, advocacy organizations, business, social programs, the US specialized agencies, teaching, and research.

Our objective is to prepare students for a variety of professional pursuits through an engaging program cultivating knowledge of politics, cultural competency, language skills, ethical judgement, and research experience. Our alumni continue to reach back to their alma mater and provide updates on their professional careers and successes. Many offer their advice for mentorship.

The program embraces five principles. First, we provide students with a solid understanding of the realities of international politics and the moral requirement of recognizing human beings as persons of inalienable dignity and worth.

Second, we foster marketable skills necessary for launching and sustaining a successful career, as well as being an informed and discerning citizen. These skills are fostered via courses that help students make connection between their academic work and their future professional careers.

Third, we emphasize language skills: all students will show competence in a modern foreign language. Majors in International Studies are also strongly encouraged to include a study abroad experience in their program, either through Spring Hill College’s Italy Center or an external organization.

Fourth, we believe that only diverse and individually tailored paths of study can best prepare students for their life after college. In consultation with the Director of International Studies and based upon their interests, students decide to concentrate on a particular area, such as international business, pre-law, social justice, gender advocacy, foreign policy, communication, environmental studies, education, artistic production, or a particular geographic region, such as Latin America.

Fifth, our classroom assignments emphasize networking and creating collaborative problem-solving skills via simulations and practical exercises.

BACHELOR OF SCIENCE IN INTERNATIONAL STUDIES

LOWER-DIVISION

Course	Title	Credit Hours
POL 151	Introduction to Comparative Politics	3
POL 161	Introduction to International Relations	3

UPPER-DIVISION

Course	Title	Credit Hours
LAN 2XX-3XX ¹	Intermediate Foreign Language or above	6
POL 493	Seminar in International Studies	3
Program Electives	Upper-Division Courses ²	18

<i>Choose four from the following:</i>	12
POL 323 or	American Foreign Policy <i>or</i>
POL 376	Comparative Foreign Policy
POL 36X	Area Studies Course
POL 377	Global Health Governance
POL 388	Political Violence and Film
POL 389	Foundations of Free Markets and Societies
POL 447	Problems in International Politics (repeatable)

¹Language waivers do not fulfill the language requirement.

²Six courses of upper-division coursework that support the major and are approved by the Director of International Studies.

MINOR IN INTERNATIONAL STUDIES

LOWER-DIVISION

Course	Title	Credit Hours
POL 151	Introduction to Comparative Politics	3
POL 161	Introduction to International Relations	3

UPPER-DIVISION

Course	Title	Credit Hours
Program Electives	Upper-Division Courses ¹	6
<i>Choose three from the following:</i>		
LAN 2XX-3XX ²	Intermediate Foreign Language or above	9
POL 323 or	American Foreign Policy <i>or</i>	
POL 376	Comparative Foreign Policy	
POL 36X	Area Studies Course	
POL 377	Global Health Governance	
POL 388	Political Violence and Film	
POL 389	Foundations of Free Markets and Societies	
POL 447	Problems in International Politics (repeatable)	
POL 493	Seminar in International Studies	

¹Six courses of upper-division coursework that support the major and are approved by the Director of International Studies.

²Language waivers do not fulfill the language requirement.

MINOR IN LATIN AMERICAN STUDIES

The minor in Latin American Studies is an interdisciplinary course of study that provides a comprehensive understanding of Latin America through the fields of language, literature, history, economics, political science and sociology. The minor complements the College's existing majors through the expansion and development of knowledge and expertise of the region. Though not required, students are strongly encouraged to participate in a study abroad program in Latin America.

Course	Title	Credit Hours
SPA 201-202	Intermediate Spanish I and II	6
HIS 220 or HIS 221	Introduction to Colonial Latin America <i>or</i> Introduction to Modern Latin America	3
	Electives	12

Choose four from the following:

ENG 246	Introduction to Hispanic-American Literature
SPA 312	Survey of Spanish-American Literature I
SPA 313	Survey of Spanish-American Literature II
SPA 320	Latin American Poetry: Modernism to 21 st Century
SPA 381	Selected Studies
HIS 332	Modern Mexico
HIS 333	Native Histories of the Americas
POL 151	Introduction to Comparative Politics
POL 161	Introduction to International Relations
SOC 256	Cultural Anthropology
POL 365	Latin American Politics
POL 495	Study Abroad experience in Latin America

¹Six courses of upper-division coursework that support the major and are approved by the Director of International Studies.

²Language waivers do not fulfill the language requirement.

POLITICAL SCIENCE AND LAW (POL)

Department Chair/Program Director: Thomas J. Hoffman, PhD

The purposes of the Department of Political Science and Law are to: 1) orient students to the world of politics and teach them to think seriously about it; prepare students for graduate and professional programs in political science, international relations, public administration and law, and 3) give students the analytical and critical skills they need for effective citizenship and a successful career.

Requirements

Prior to admission to concentration in political science, students must complete POL 112, 151, 161 and 283 with grades of C- or better. The department also offers a strong and well-rounded pre-law minor. See the detailed description in this section of the *Bulletin*.

The Seminar in American Government and Politics (POL 491) is the required comprehensive experience in Political Science and will normally be taken in the fall of the senior year. In addition, each Political Science major must take the ETS examination in Political Science during his/her senior year and receive a satisfactory score (standard for passing is determined by the faculty). The ETS examination is a standardized national test administered by the Educational Testing Service in Princeton, New Jersey. Students with unsatisfactory scores on the ETS examination may be required to repeat foundation classes or to undertake additional study on key topics in political science.

All majors must show competency in oral communication. A student may document such competency by satisfying the speech component in the required course POL 491 Seminar in American Government and Politics.

BACHELOR OF SCIENCE IN POLITICAL SCIENCE

LOWER-DIVISION

Course	Title	Credit Hours
POL 112	Introduction to American Politics	3
POL 151	Introduction to Comparative Politics	3
POL 161	Introduction to International Relations	3
POL 283	American Political Thought	3
PSY 101	General Psychology	3
SOC 101	Introduction to Sociology	3
ECO 101	Principles of Macroeconomics	3

UPPER-DIVISION

Course	Title	Credit Hours
POL 3XX/4XX	Political Science Electives	6
Program Electives	Upper-Division Courses ¹	6
(A) AMERICAN GOVERNMENT AND POLITICS:		
<i>Choose one from the following:</i>		
POL 320	Women and American Politics	3
POL 321	Political Parties and Interest Groups	

POL 322	Congress and the President
POL 323	American Foreign Policy
POL 324	Public Policy
POL 325	Public Administration
POL 340	Constitutional Law
POL 341	Judicial Process and Procedures
POL 342	Civil Liberties and Civil Rights
POL 386	Political Ideologies and Public Opinion

(B) COMPARATIVE AND INTERNATIONAL POLITICS:*Choose two from the following:*

6

POL 323	American Foreign Policy
POL 364	African Politics
POL 365	Latin American Politics
POL 366	Russia and Eastern Europe
POL 367	Middle Eastern Politics
POL 369	China and East Asia
POL 375	Terrorism, Revolution and War
POL 376	Comparative Foreign Policy
POL 377	Global Health Governance
POL 378	Politics of Developing Countries
POL 379	International Political Economy
POL 388	Political Violence and Film
POL 447	Problems in International Politics

(C) POLITICAL PHILOSOPHY*Choose two from the following:*

6

POL 381	Western Political Philosophy I
POL 382	Western Political Philosophy II
POL 383	Catholic Social Thought
POL 385	Marxism and 20 th Century Political Thought
POL 386	Political Ideologies and Public Opinion
POL 387	Politics and Literature
POL 389	Foundations of Free Markets and Free Societies

¹Six hours of upper-division coursework that support the major and are approved by the Director of International Studies.**(D) COMPREHENSIVE EXPERIENCE**

POL 491	Seminar in American Government and Politics (fall of senior year)
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MINOR IN POLITICAL SCIENCE**LOWER-DIVISION**

Course	Title	Credit Hours
POL 112	Introduction to American Politics	3
POL 151	Introduction to Comparative Politics	3
POL 161	Introduction to International Relations	3
POL 283	American Political Thought	3

UPPER-DIVISION

Course	Title	Credit Hours
POL 320-491	Political Science Electives	12

PRE-LAW MINOR

The Department of Political Science and Law offers a pre-law minor for those students who intend to pursue a legal career. The pre-law minor is intended to serve both political science majors and others who may want to minor in pre-law. This minor is designed to enhance the three basic skills needed to succeed in law school: creative and analytical thinking, understanding governmental and societal institutions and the comprehension and use of language.

MINOR IN PRE-LAW

Course	Title	Credit Hours
CMM 150 or BUS 210	Introduction to Public Speaking <i>or</i> Business Communication	3
POL 112	Introduction to American Politics	3
POL 340 or POL 342	Constitutional Law <i>or</i> Civil Liberties and Civil Rights	3
POL 381/PHL 351 or POL 382/PHL 352	Western Political Philosophy I <i>or</i> Western Political Philosophy II Electives	3 9

Choose three from the following:

ACC 201	Principles of Accounting
BUS 301	Business Law
PHL 316	Justice
PHL 350	Philosophy of Law
POL 283	American Political Thought
POL 341	Judicial Process and Procedures
SAS 303/POL 393	Pre-Law Internship/Internship in Government and Politics
SOC 253	Criminology
SOC 483	Sociology of Law

These courses, along with core courses required for all majors at Spring Hill, such as logic and English courses, offer a well-rounded educational background to students interested in pursuing professional training in law. Of course, a high grade point average (GPA) and a competitive Law School Admission Test (LSAT) score are crucial factors in determining a student's chances of being admitted to many law schools in the United States. For further information, please contact Tom Hoffman, PhD, of the Political Science department.

LOWER-DIVISION COURSES

POL 112. Introduction to American Politics (3) A comprehensive survey of the basic elements of American political life, national government and the rights and responsibilities of citizenship.

POL 151. Introduction to Comparative Politics (3) (D) An introductory-level survey that compares states, political regimes and patterns of violence across several diverse countries in the world. The empirical emphasis is on contemporary issues and problems.

POL 161. Introduction to International Relations (3) Introduction to principles of international relationships and major contemporary global issues. Topics covered focus on issues that are important for understanding common good of the global community, including the growth of the state system, human rights, globalization, conflict and war, trade and money, North-South relations and environmental problems.

POL 283. American Political Thought (3) The development of American political ideas, examined in the context of the Western tradition of political theory.

POL 290. Honors Political Science (3) (W) An in-depth examination of a sub-field of political science, such as American political thought, American politics or international politics. The course is writing intensive and uses primary sources, such as the writings of the Founding Fathers or classics of international relations theory. The specific subject area covered may vary depending on the interests of the individual instructor. Prerequisite: Honors standing or permission of instructor.

UPPER-DIVISION COURSES

POL 320. Women and American Politics (3) (D) A study of women in American political life, including the struggle for political rights, trends in political behavior and the impact of women on public policy. Prerequisite: POL 112.

POL 321. Political Parties and Interest Groups (3) An analysis of the development, organization, role and influence of political parties and pressure groups in the United States; summary of recent work on public opinion, attitudes and voting behavior, relation of parties and elections to policy outcomes. Prerequisite: POL 112.

POL 322. Congress and the President (3) A study of the major institutions of American representative democracy, their origins, development and transformation; their current organization, functioning and relationships. Prerequisite: POL 112.

POL 323. American Foreign Policy (3) An overview of the U.S. foreign policy process and its role in multi-lateral institutions. Experiential learning includes participation in a simulation of a foreign policy crisis and the writing of a briefing paper. Prerequisite: POL 112 or POL 161.

POL 324. Public Policy (3) A survey of major public policy issues such as health care, education, crime, immigration, welfare reform and economic problems in the United States. Prerequisite: POL 112.

POL 325. Public Administration (3) A study of the characteristics of public administration, its political context and policy-making role and the problems and techniques of public-sector leadership. Prerequisite: POL 112.

POL 340. Constitutional Law (3) Nature and scope of American constitutional principles developed by the Supreme Court: federalism, separation of powers, taxing and commerce powers and the presidency. Case method. Prerequisite: POL 112 or POL 283.

POL 341. Judicial Process and Procedures (3) An examination of the organization, procedures and judicial decision-making process in the United States federal court system. Prerequisite: POL 112.

POL 342. Civil Liberties and Civil Rights (3) Nature and scope of American civil liberties and civil rights as developed by the Supreme Court: particular attention to freedom of speech and religion, due process and equal protection. Case method. Prerequisite: POL 112 or POL 283.

POL 364. African Politics (3) (D) An introduction to African politics from comparative perspective. The course examines variation within Africa in the strength of states, the levels of economic development and the extent of political violence. Prerequisite: POL 151 or POL 161.

POL 365. Latin American Politics (3) (D) Study of Latin American political systems and the results of the processes of revolution and social change in the Western hemisphere. Also considered are relations among Latin American states and between them and the United States. Prerequisite: POL 161 or HIS 221.

POL 366. Russia and Eastern Europe (3) (D) An examination of the history and development of the nations of the former communist bloc with emphasis on transitions to free economic and political systems. Prerequisite: POL 151 or POL 161.

POL 367. Middle Eastern Politics (3) (D) Analysis of the politics and social structures of the Arab countries, Israel, Iran, Turkey and Afghanistan. Prerequisite: POL 151 or POL 161.

POL 369. China and East Asia (3) (D) Analysis of the politics and social structures of East Asian countries with a special focus on China. Also considered are the relations among countries in the region and between them and the United States. Prerequisite: POL 151 or POL 161.

POL 375. Terrorism, Revolution and War (3) An analysis of the three major forms of political violence. Study of major interstate conflict, revolutionary movements and terrorist activities of the twentieth and early twenty-first centuries with attention given to the contending theories of conflict, security and peace. Prerequisite: POL 112 or POL 151 or POL 161.

POL 376. Comparative Foreign Policy (3) (D) An overview of major theoretically-informed approaches to foreign policy analysis that are not limited to a single state, decision, unit or point in time. Examines how foreign policy decisions are made with attention to policy input and process rather than policy outcomes. Experiential learning culminates in a simulation of a foreign policy crisis. Prerequisite: POL 161.

POL 377. Global Health Governance (3) (W) (D) (O) (SJ) A writing-intensive seminar that probes major themes and issues in the study of public health with attention to international cooperation and human rights. Prerequisite: Sophomore standing.

POL 378. Politics of Developing Countries (3) (D) Patterns of development in the modernization of tribal and traditional societies. The impact of the technological West. The demand for change: anti-colonial and anti-imperial movements; the sequential development of leadership

elites and political organizations. Problems of nation-building: unity, development of capital and industrialization. Prerequisite: POL 151 or POL 161.

POL 379. International Political Economy (3) (W) An analysis of international relations in combination with political economy. The course explores the development of a world economic system and the complex synergy among political and economic forces in the world. Prerequisite: POL 151 or POL 161.

POL 381-382. Western Political Philosophy I-II (6) (E) The Western tradition of philosophic discourse on politics is explored in its major moments – classical, medieval and modern – through an intensive study of selected classics in the field. Works studied in the first semester include Plato's Republic, Aristotle's Politics and St. Thomas' Treatise on Law. The second semester is devoted to the classics of modern political philosophy, including Machiavelli's Prince, Rousseau's Social Contract and Mills' On Liberty. Same course as PHL 351 and 352. Prerequisite: Sophomore standing.

POL 383. Catholic Social Thought (3) (W/D) Contemporary Christians face complex social realities increasingly hostile to human flourishing, owing to the industrial and technological revolutions, capitalism, consumerism and globalization. This course explores some of the pivotal documents in the Catholic response to these developments, the social problems underlying these documents, and the stories of persons whose lives were informed by this tradition. Same course as THL 350. Prerequisite: THL 101.

POL 384. Methods of Social Research (3) Introduction to techniques of social research; formulation of research problems, methods of data collection, construction of research design. Attention is given to social sciences as a field of study.

POL 385. Marxism and Twentieth Century Political Thought (3) A study of Marx and other major figures who have shaped twentieth century political thought: Freud, Marcuse and writers on Liberation Theology. Prerequisite: Sophomore standing.

POL 386. Political Ideologies and Public Opinion (3) Study of political ideologies, with an emphasis on the major ideologies of the contemporary US, including modern liberalism, conservatism, libertarianism and populism. Historical development of ideologies and their relationship to public opinion and political psychology are also be explored. Prerequisite: Sophomore standing.

POL 387. Politics and Literature (3) (W/D/I) An examination of political themes and experience through the study of literature, primarily fiction. Prerequisite: Sophomore standing.

POL 388. Political Violence and Film (3) (W/I) A writing-intensive seminar focusing on the sources and forms of political violence as well as the breakdown of moral, ethical and legal norms underlying it.

POL 389. Foundations of Free Markets and Free Societies (3) (E) This course begins with a close look at the Scottish Enlightenment of the 18th Century, when thinkers such as David Hume and Adam Smith first systematically discussed "commercial society" (nowadays termed "capitalism" or "liberal democracy"). The course then traces the key political and economic developments of the subsequent 250 years, as free-market ideas extended in influence well beyond their Anglo-American roots. Among themes explored: the philosophical justifications for and against government regulation; the evolution of key constitutional and legal institutions related to private property and

contracts; the social effects of trade, consumption and competition. Prerequisite: Junior standing and POL 112 or POL 283.

POL 393. Internship in Government and Politics (1-3) A practicum in American Government and Politics; placement in an administrative agency, a legislative office, an electoral campaign, etc. Offered as a tutorial every session. Junior or senior standing recommended.

POL 395. Special Topics in Political Science (1-3) Study of an important topic in American, comparative, international or theoretical politics or of a political issue that concerns more than one of the traditional subfields of political science. Prerequisite: POL 112 or POL 151 or POL 161.

POL 447. Problems in International Politics (3) Concentrated study of key problems in international politics, such as supra-national integration, arms and disarmament, North-South politics and the ecopolitical agenda, international law and the role of morality. Prerequisite: POL 151 or POL 161.

POL 491. Seminar in American Government and Politics (3) (W) Study of American politics at an advanced level; the senior seminar in political science. Prerequisite: Senior standing.

POL 493. Seminar in International Studies (3) (W) The study of problems in the international system at an advanced level; the senior seminar in international studies. Prerequisite: Senior standing.

POL 495. Study Abroad in Political Science (3-6) Study of political science in a foreign setting. May be completed through a Spring Hill College study abroad program or through an approved university or similar institution. Topics studied may fall under any of the four subfields of political science. Prerequisites: POL 112 or POL 151 or POL 161 and permission of political science chair.

POL 499. Readings in Political Science (1-3) A directed individual or group research course in the areas of domestic, comparative, international or theoretical politics; dependent upon needs of political science students and interests of the staff.

PSYCHOLOGY (PSY)

Department Chair/Program Director: Royce G. Simpson, PhD

The Department of Psychology has three goals: (1) to contribute to the students' liberal education and to help the students learn more about themselves so that they may make effective decisions about their lives; (2) to prepare students for graduate school if they wish to continue their education; and (3) to give practical education and field experience to enable students to find jobs in psychology-related fields immediately after obtaining the baccalaureate degree. A unique feature of the program at Spring Hill is the dual emphasis on personal growth and high standards of academic scholarship.

Requirements

All major courses must be passed with a grade of C- or better. All senior psychology majors are required to complete PSY 468 Historical and Contemporary Issues in Psychology as their comprehensive experience. In addition, each psychology major must take the ETS examination in Psychology during his/her senior year and receive a satisfactory score (standard for passing is determined by the faculty). The ETS examination is a standardized national test administered by the Educational Testing Service in Princeton, New Jersey.

BACHELOR OF SCIENCE IN PSYCHOLOGY

LOWER-DIVISION

Course	Title	Credit Hours
PSY 101	General Psychology	3
PSY 150	Careers in Psychology	1
PSY 263	Statistics for the Social Sciences	3
PSY 264	Social Statistics Laboratory	1
<i>Choose one from the following:</i>		3
PSY 204	Developmental Psychology	
PSY 225	Abnormal Psychology	
<i>Choose two from the following¹:</i>		6
ECO 101	Principles of Macroeconomics	
ECO 102	Principles of Microeconomics	
POL 112	Introduction to American Politics	
POL 151	Introduction to Comparative Politics	
POL 161	Introduction to International Relations	
SOC 101	Introduction to Sociology	
SOC 256	Cultural Anthropology	
SSC 295	Issues in Social Justice	
SSC 395	Issues in Social Justice	

¹Courses must be from two different disciplines (e.g., students are now allowed to fulfill this requirement by choosing ECO 101 and 102 or SOC 101 and 256).

UPPER-DIVISION

Course	Title	Credit Hours
PSY 350	Research Methods	4
PSY 468	Historical and Systems	3
PSY XXX	Electives (any level)	6
	Upper-Division Program Electives	6

Upper-division courses that support the major; may not be PSY courses.

Choose two from the following:

PSY 300	Social Psychology	6
PSY 310	Psychology of Gender	
PSY 360	Social Psychology of Social Justice	
PSY 420	Personality Theories	

Choose two from the following:

PSY 324	Health Psychology	6
PSY 364	Biological Psychology	
PSY 375	Cognitive Psychology	
PSY 380	Learning and Behavior	
PSY 472	Forensic Psychology	

MINOR IN PSYCHOLOGY

Course	Title	Credit Hours
PSY 101	General Psychology	3
PSY XXX ²	Psychology Electives ³	18

²9 hours of electives must be upper-division

LOWER-DIVISION COURSES

PSY 101. General Psychology (3) This course will provide students with a broad introduction to the field of psychology and help them develop a more comprehensive and accurate understanding of human behavior. Among the topics covered are the history of psychology, biological causes of behavior, learning, memory, development, personality and psychological disorders. Required of Psychology, Health Sciences and Nursing majors.

PSY150. Careers in Psychology (1) This course will help psychology majors make informed decisions about their education and career plans. The course will provide an overview of the broad range of areas within the field and career opportunities in these areas. We will review the course sequence of the Psychology major at SHC, assess career-related interests, and explore career options for psychology majors with a bachelor's degree and career options for individuals after graduate school (e.g., Masters, PhD, PsyD, etc.). Prerequisite: PSY101.

PSY 204. Developmental Psychology (3) The study of social, intellectual, emotional, perceptual and physical development from conception to death. Important theories and research are explored. Prerequisite: PSY 101. Cross-listed as HSC 204.

PSY 225. Abnormal Psychology (3) This course offers descriptions of a variety of psychological dysfunction including mood disorders, anxiety disorders, schizophrenia, cognitive disorders, substance-use disorders and personality disorders. Symptoms, causes, prevalence and treatment issues will be addressed. Further, models of understanding abnormal behavior, as well as diagnostic, assessment and classification issues will also be discussed. Prerequisite: PSY 101 or permission of instructor. Cross-listed as HSC 225.

PSY 263. Statistics for the Social Sciences (3) An introduction to the use of statistics as a decision-making process. Probability theory, descriptive and inferential statistics will be covered. Prerequisite: MTH 111 or MTH163 (must pass with a C- or higher).

PSY 264. Social Statistics Laboratory (1) An introduction to data analysis using SPSS and APA-style reporting of statistical information. Prerequisite or corequisite: PSY 263.

PSY 290. Honors General Psychology (3) (W) An honors section of the introductory survey course in Psychology. The course will provide students with a broad introduction to the field of psychology and help them develop a more comprehensive and accurate understanding of human behavior. Among the topics covered are the history of psychology, biological causes of behavior, learning, memory, development, personality and psychological disorders. The course is writing intensive and will utilize primary source readings.

UPPER-DIVISION COURSES

PSY 300. Social Psychology (3) Psychological and group influences on perception; attitude formation and change; the development of social relations, i.e., affiliation, attraction and affective bonds; group processes, especially leadership, group problem-solving, status and role differentiation; group influences on aggression, mob and panic behavior; escalation and resolution of interpersonal, intergroup and international conflict. Prerequisite: PSY 101.

PSY 310. Psychology of Gender (3) (D) This course examines the roots, nature and social construction of gender. It will focus on psychological issues related to the roles assumed by males and females in contemporary society. Prerequisites: PSY 101 and one 200-level course.

PSY 324. Health Psychology (3) This course examines the psychosocial factors relevant to health with an emphasis on the contribution of psychological theory to the encouragement of health and wellness and prevention of physical illness. Topics include stress management, health and behavior, chronic and life-threatening illness, treatment and evaluation of health-related research. Prerequisites: PSY 101 and one 200-level course. Cross-listed as HSC324.

PSY 330. Industrial/Organizational Psychology (3) (O) This course offers an introduction to the application of psychological principles and theories to the work place. Topics include worker attitudes, stress in the workplace, job analysis, training, selection and performance, as well as organizational development, structure and culture. There will be a strong application/experiential learning component to this class. Prerequisites: PSY 101 and one 200-level course. Cross-listed as MGT 330.

PSY 340. Psychology at the Movies (3) This course involves critical analysis of psychological processes, psychological themes, and portrayal of psychologists as reflected in popular feature films. We will explore four topic areas in psychology (Memory and Identity, Mental Disorders and

Therapy, Gender and Social Processes and a miscellaneous category) and explore the topics through readings, viewing feature films and class discussion. Prerequisite: PSY 101.

PSY 350. Research Methods (4) (W) This course will cover descriptive and experimental research methods. Students will learn to design experiments, collect and analyze data and produce APA style manuscripts. Prerequisites: PSY 263 and PSY 264.

PSY 360. Social Psychology of Social Justice (3) (J) This course covers the psychological theories utilized to frame social justice research. We will examine the historical and current debates in the area of social justice. Emphasis will be placed on the application of justice theories to contemporary social issues. Prerequisites: PSY 101 and one 200-level course.

PSY 364. Biological Psychology (3) This course is an overview of the biological processes underlying human behavior. This course begins by presenting fundamental nervous system structures and processes and concludes by examining the role of neurobiology in complex behaviors. Topics include genetics, neural communication, brain structures and their functions, human brain damage, sleep and dreaming, drug addition, memory and amnesia and stress and illness. Prerequisites: PSY 101 and one 200-level course; BIO 100 Human Biology is highly recommended.

PSY 375. Cognitive Psychology (3) Introduction to the workings of the human mind and the influence of development, gender and culture. Topics such as attention, memory, language, problem solving and perception will be covered. Prerequisites: PSY 101, one 200-level course and advanced standing.

PSY 380. Learning and Behavior (3) Presents the basic principles of classical and operant conditioning in a practical way where the students can learn to become effective change agents. Prerequisites: PSY 101 and one 200-level course.

PSY 384. Animal Behavior (3) An advanced survey of modern approaches to the study of animal behavior; emphasizing the integration of ecological, evolutionary, ethological and physiological approaches. Prerequisite: BIO 301 or permission of instructor. Course is cross-listed as BIO 310.

PSY 385. Special Studies in Psychology (1-3) Seminar covering a special topic. This course will be offered when: (1) Six or more students request advanced work on a topic; (2) a faculty member wants to cover material within his or her specialization not emphasized in a regular course, (3) a special or unique opportunity arises. May be repeated for credit as topics vary. Prerequisites: PSY 101, advanced standing, consent of the instructor and consent of the department chair.

PSY 394. Human Sexuality (3) The purpose of this course is to understand human sexuality from a historical, multicultural and multidisciplinary perspective. In doing so, this course explores the biological, moral, social and cultural dimensions of human sexuality. Topics including sexual anatomy, sexual response, sexual dysfunctions, sexual orientation, intersexuality, sexual violence and exploitation and "normal" vs. "abnormal" sexual expressions will be explored. Prerequisites: PSY 101 and one 200-level course.

PSY 420. Personality Theories (3) This course has two main parts: the review of personality theories; and the components, measurement, organization and development of personality. The focus is on understanding individual differences. Prerequisites: PSY 101 and one 200-level course.

PSY 422. Tests and Measures (3) This course offers descriptions of various areas of psychological assessment including cognitive, personality, neuropsychological and achievement. Basic test construction, use, and interpretation will be addressed both theoretically and practically. Prerequisites: PSY 101 and PSY 263. Recommended for interns.

PSY 445. Approaches to Psychotherapy (3) This course offers an introduction to several theoretical approaches to psychotherapy as well as offers practical applications of these approaches. Cognitive, behavioral, psychodynamic, humanistic and integrative orientations are included for discussion. Other areas of clinical applications, including working with children, therapeutic assessment and ethical considerations, will also be addressed. Prerequisites: PSY 101 and 225, or permission of instructor.

PSY 446. Field Experience (3) (W) This course provides the student with a practicum experience in one of a variety of placements in the community and on campus. Students will work 120 hours in a hands-on environment that will be individually selected by the student. Possible placements include mental health agencies, private practice settings, law enforcement agencies, and health care agencies as well as teaching assistantships at Spring Hill College. The student will be supervised by an individual at the placement and will also fulfill requirements as set forth by the faculty member teaching this course. Extensive writing, both informally and formally, will be required to allow students to synthesize, critically analyze and report their experience.

Prerequisites: PSY 350 and advanced standing; Psychology majors only.

PSY 450. Research Experience (3) (W) In this course, you will expand your knowledge of experimental psychology by learning to work with an instructor-led student research team to design, implement, analyze, and report the results of a quantitative, experimental study. Students will utilize the skills they have acquired in research methodology and statistics classes to complete their projects. Students will present their research in a comprehensive, formal, APA-style paper as well as orally to their peers and/or faculty and/or at a professional meeting.

PSY 451/452. Research Experience I (2) and Research Experience II (1) (W) These courses provide the student with a unique individualized research experience. The student will conceive, develop, implement, analyze and formally present an original research project that is chosen by the student. The work requires considerable commitment and the ability to work independently (with supervision). Students will utilize skills they have learned in research methodology and statistics classes to complete their projects. Students will present their research in a comprehensive, formal, APA-style paper (fulfilling W designation requirements). Prerequisites: PSY 350 and permission of the instructor. Psychology or traditional biopsychology majors only.

PSY 468. History and Systems (3) (W) The development of important theories and research problems in psychology as they were influenced by the philosophical, social, political, and historical events and ideas. The period from 1900 to the present is emphasized. The contributions of major theorists are considered. Prerequisite: PSY 350.

PSY 472. Forensic Psychology (3) This course is designed to offer students an understanding of the role of psychology in its application to the legal system. Areas of discussion will include the philosophical differences between science and law, psychological principles and research and their application to legal issues in general, and the role and techniques of the forensic psychologist in specific types of cases. Specific topics may include jury selection, eyewitness

identification and victims and punishment, though there will be an emphasis on the role of the psychologist as an expert witness.

PSY 499. Individual Studies (1-3) A course of individual study or research. The student works under the direction of a faculty member or other specialist. Prerequisites: PSY 263, PSY 351, advanced standing, permission of instructor and department chair, and a GPA. of 2.9. Ordinarily, projects must be approved by the end of the add/drop week of the semester for which credit is requested. Prerequisite: PSY 350. A required course in which a student has made a D or F grade cannot be retaken as a tutorial or independent study.

SOCIAL SCIENCE (SSC)

Program Director: Lisa D. Hager, PhD

Courses in Social Science may be taken in fulfillment of the second social science core requirement or as general electives.

SSC 295. Issues in Social Justice (3) (D) A special topics course that applies the social sciences to issues relating to justice and the common good. Prerequisite: a 100-level course in economics, political science, psychology or sociology.

SSC 395. Issues in Social Justice (3) A special topics course that applies the social sciences to issues relating to justice and the common good. Prerequisite: a 100-level course in economics, political science, psychology or sociology.

The interdisciplinary program in Social Science is designed to provide depth in content areas for students preparing to teach social studies at the secondary level. The program is open to any student interested in the interdisciplinary study of history and the social sciences. The History Seminar, HIS 499, serves as the comprehensive experience for this program.

BACHELOR OF SCIENCE IN SOCIAL SCIENCE

LOWER-DIVISION

Course	Title	Credit Hours
HIS 110 or HIS 120	Introduction to Global Historical Studies <i>or</i> Introduction to American Historical Studies	3
HIS 203	Historical Methods	3
HIS 211 or HIS 212	Western Civilization to 1648 <i>or</i> Western Civilization Since 1648	3
HIS 213 or HIS 214	United States to 1876 <i>or</i> United States Since 1876	3
POL 112	Introduction to American Politics	3
ECO 101 & 102 ¹	Principles of Macro/Microeconomics	6
PSY 101 or SOC 101	General Psychology <i>or</i> Introduction to Sociology	3

UPPER-DIVISION

Course	Title	Credit Hours
HIS 3XX	American History	6
HIS 3XX	World History (Europe, Latin America, etc.)	6
HIS 499	History Seminar	3
GEO 301	World Regional Geography	3
<i>Choose one from the following:</i>		3
POL 363	Politics of Developing Countries	
POL 365	Latin American Politics	
POL 367	Middle Eastern Politics	
POL 371	Russia and Eastern Europe	

<i>Choose one from the following:</i>	
POL 321	Political Parties and Interest Groups
POL 322	Congress and the President
POL 324	Public Policy
POL 325	Public Administration
POL 340	Constitutional Law
POL 346	American Foreign Policy
ECO/SOC/POL/PSY	Upper-Division Electives ²
	12

¹Students not majoring in Education may substitute PSY 101 or SOC 101 for ECO 102.

²Students majoring in Secondary Education may substitute upper-division hours in Education.

SOCIOLOGY (SOC)

Department Chair/Program Director: Harold E. Dorton Jr, PhD

The sociology program provides intellectual resources that help students understand society. This includes structured aspects of social life such as institutions and culture, as well as the social frameworks of human interaction. A particular conceptual and theoretical framework, as well as distinct methods and techniques of inquiry, define the sociological perspective that is central to the program and the discipline. The department supports and fosters this perspective and provides courses that support other programs as part of a liberal arts education.

Students exit the program with:

- A basic understanding of the sociological perspective;
- An ability to use multiple methodological approaches;
- An ability to recognize assumptions, theoretical arguments, and empirical evidence, and the accompanying analytical skills to evaluate them; and
- A value for sociology's applications inside and outside of academic settings.

Requirements

Admission to the program requires successful completion of SOC 101. Students must earn grades of C- or better in all required Sociology courses, which include SOC 101, SOC 250, SOC 345 and SOC 350, as well as SOC 480, which is required of all senior Sociology majors and will fulfill the requirement for oral competency.

BACHELOR OF ARTS IN SOCIOLOGY

LOWER-DIVISION

Course	Title	Credit Hours
SOC 101/290	Introduction to Sociology	3
SOC 250	Social Problems	3

UPPER-DIVISION

Course	Title	Credit Hours
SOC 345	Sociological theory	3
SOC 350	Research Methods in Sociology	3
SOC 480	Senior Experience in Sociology	3
SOC 3XX/4XX	Sociology Electives	18
	Program Electives	6

MINOR IN SOCIOLOGY

LOWER-DIVISION

Course	Title	Credit Hours
<i>Choose two or three from the following:</i>		6-9 ¹
SOC 101/290	Introduction to Sociology	
SOC 250	Social Problem	

SOC 251	Marriage and Family
SOC 253	Criminology
SOC 256	Cultural Anthropology

UPPER-DIVISION

Course	Title	Credit Hours
SOC 3XX-4XX	Sociology Electives	9-12 ¹

CONCENTRATION IN CRIMINOLOGY

The Sociology Department offers a concentration in Criminology. The Criminology concentration includes all the required courses for the general Sociology degree as well as four additional required courses. Criminology students' specific work in SOC 350 and SOC 480 will center on analysis of criminality or social control.

Students will exit the program with:

- The benefits of a general sociology background;
- An ability to analyze societal responses to crime and criminal behavior and methods of social control;
- An understanding of the consequences of crime, laws and criminal behavior; and
- An understanding of the origins of crime, laws and social control.

BACHELOR OF ARTS IN SOCIOLOGY**CRIMINOLOGY CONCENTRATION****LOWER-DIVISION**

Course	Title	Credit Hours
SOC 101/290	Introduction to Sociology	3
SOC 250	Social Problem	3
SOC 253	Criminology	3
BIO 117 or CHM 102	Forensic Biology or Forensic Sciences	3

UPPER-DIVISION

Course	Title	Credit Hours
SOC 314	Deviant Behavior	3
SOC 345	Sociological Theory	3
SOC 350	Research Methods in Sociology	3
SOC 354	Juvenile Delinquency	3
SOC 480	Senior Experience in Sociology	3
SOC 483	Sociology of Law	3
	Program Electives	9

¹18 hours is required for the minor, so if six hours of lower-division Sociology courses have been taken, twelve hours of upper-division courses are required. If nine hours of lower-division Sociology courses have been taken, then nine hours of upper-division courses are required.

LOWER-DIVISION COURSES

SOC 101. Introduction to Sociology (3) Fundamental principles and concepts of sociology as illustrated in the structure, functions and processes of contemporary societies.

SOC 250. Social Problems (3) A study of contemporary social problems; likely causes and how they affect us; consideration of possible solutions.

SOC 251. Marriage and Family (3) A sociological analysis of the contemporary American family with emphasis on the various aspects of dating, courtship, mate selection, marital interaction and the family disorganization.

SOC 253. Criminology (3) A scientific analysis of the nature, extent and causes of crime, with analysis of theory and methods of treating the adult offender. The course includes an examination of the criminal justice system from arrest through incarceration.

SOC 256. Cultural Anthropology (3) (D) A general descriptive course dealing with the nature of man and culture as perceived by a comparative approach to the analysis of human culture and diversity. Cross-listed as HSC 256.

SOC 290. Honors Sociology (3) (W) An in-depth examination of one or more subfields of sociology. The course is writing intensive. The specific subject may vary, but will always cover foundational sociological concerns and principles. Prerequisite: Honors standing or permission of instructor. Note: SOC 290 will always substitute for SOC 101.

SOC 299. Special Topics in Sociology (1-6) A lower-level examination of a topic in sociology. May be repeated for credit. Permission of instructor required.

UPPER-DIVISION COURSES

SOC 305. Social Gerontology (3) A survey of the phenomenon of old age. While the primary focus is aging in the U.S., cross-cultural comparisons are part of the course. Prerequisites: SOC 101, 250, or consent of the instructor.

SOC 314. Deviant Behavior (3) Examination of the conditions under which deviance as a social reality emerges, develops and changes over time. Along with empirical studies of deviant subcultures, identification, conduct and the public regulation of deviance and social typing are presented. Specific attention is given to mental illness, sexual deviance and drug and alcohol abuse. Prerequisite: SOC 101 or consent of the instructor.

SOC 315. Elite Deviance (3) Examines acts of crime and deviance by elites in society; including personal habits and social norms, violations of professional ethics, white-collar offenses and corporation crimes. Prerequisite: SOC 101 or consent of the instructor.

SOC 317. Sociology of Popular Culture (3) Examines widely disseminated popular forms of expression from a sociological perspective. Topics may include film, music, television, gaming, popular literature and Sport. Prerequisite: SOC 101 or consent of the instructor.

SOC 345. Sociological Theory (3) An overview of the theories that shape the discipline of sociology and the theorists who are associated with both the theories and the discipline. Prerequisite: SOC 101 or consent of the instructor.

SOC 350. Research Methods in Sociology (3) (W) An overview of methods of inquiry, data collection and analysis in sociological research. Prerequisite: SOC 101 or any 200-level SOC course.

SOC 354. Juvenile Delinquency (3) An examination of youthful offenders in the U.S and delinquency as a social problem. Topics include theories of delinquency, the juvenile justice system, and rehabilitation efforts including diversion. Prerequisites: SOC 101 and SOC 253 or permission of instructor.

SOC 355. Race and Ethnic Relations (3) (D/W) A scientific study of the relationships and problems of the major cultural, ethnic, racial and religious minorities in American society. This course examines ethnic, racial and other minority groups from both a historical and a contemporary perspective. Includes a review of theories concerning prejudice and discrimination, patterns of minority relations and future race relationship patterns in the United States. Requires 20 hours of service to the community. Prerequisites: SOC 101 and any 200 level SOC class, Junior or Senior standing

SOC 375. Gender and Society (3) (D) An examination of the nature and consequences of social differentiation and stratification on the basis of sex and gender. An inquiry into the institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism and gender-role change. Analysis of social position of women and men in society, focusing on their positions in institutional areas such as the family, politics, work and education. Evaluation of theories of biological, psychological and sociological bases for the behavior and characteristics of women and men. Emphasis on contemporary American society. Prerequisite: SOC 101 or consent of the instructor.

SOC 385. Sociology of Sport/Leisure (3) An analytic view of institutionalized sport focusing on the social values, culture and ideology manifested in sport. Prerequisite: SOC 101 or consent of the instructor.

SOC 391. Medical Sociology (3) (W) Examines the role of the social sciences in the study of medicine, focusing on analysis of health care systems and professions and demographic and interactional variables. Cross-listed as HSC 391. Prerequisite: SOC 101 or consent of the instructor.

SOC 475. Affluence and Poverty (3) (D/W) The scientific study of American class structure, characteristics of social classes and stratification hierarchies, trends in social mobility, problems of inequality, poverty and solutions for American society. No prerequisites or corequisites. Requires 20 hours of service to the community. Prerequisites: SOC 101 and any 200 level SOC class, Junior or Senior standing

SOC 480. Senior Experience in Sociology (3) (W) Senior seminar in sociology. Topics will vary. May include either independent basic research or independent applied research. Prerequisites: SOC 101 or any 200-level SOC course, nine upper-level credit hours in Sociology and senior standing.

SOC 483. Sociology of Law (3) An examination of the sociological factors that influence civil and criminal law, including legislation, law enforcement, and the judiciary. The legal profession is

also examined. Prerequisites: SOC 101, 253, Junior or Senior standing, or permission of the instructor.

SOC 485. Sociology of Religion (3) (W/D) Explores how humans socially construct religion and make sense of the world through systems of belief. Features works by classical theorists and contemporary researchers.

SOC 486. Faith in Action (3) Examines how religious beliefs and faith commitments have impacted social changes and social movements historically. Prerequisite: Consent of instructor.

SOC 499. Selected Topics in Sociology (1-6) Special study and investigation of current social phenomena and social problems. May be repeated for credit. Prerequisite: Consent of instructor.

INTERDISCIPLINARY AND OTHER PROGRAMS

BACHELOR DEGREE PROGRAMS

GENERAL STUDIES (BA/BS)

Program Director: Daniel M. Massey, PhD

The Bachelor of Science in General Studies allows students whose academic career needs cannot be satisfied through existing majors to design majors of their own, subject to consultation with an advisor and the approval of a faculty committee. The following guidelines apply:

1. All are required to meet core curriculum requirements.
2. All are required to complete with a grade of C- or higher 33 semester hours of upper-division courses in a planned program with specific academic or career focus. While a C- in one of these courses will be accepted as a passing grade, all students must attain a cumulative GPA of 2.0, both overall and in the major, in order to graduate.
3. The comprehensive requirement will be fulfilled by completion of IDS 460 or an acceptable and approved substitution.
4. A student desiring to pursue the major must have his/her plan of studies approved by the General Studies Committee.

Students interested in the general studies program should contact the director of the program.

BACHELOR DEGREE PROGRAMS

INTERDISCIPLINARY STUDIES (IDS) (BA/BS)

Program Director: Victor Di Fate, PhD

The Interdisciplinary Studies Program allows capable and highly-motivated students to construct an interdisciplinary course of study that meets their educational and vocational needs in a fashion that cannot be achieved by a more traditional major. Examples of interdisciplinary courses of study include Bioethics, Cognitive Science and Interdisciplinary Humanities.

Degree Requirements

Interdisciplinary Studies offers both a Bachelor of Arts and Bachelor of Science in Interdisciplinary Studies as appropriate to the student's chosen plan of study. All students must complete the following requirements in order to graduate with a degree in Interdisciplinary Studies:

1. All core curriculum requirements must be met in accordance with the requirements of the relevant degree type (Bachelor of Arts or Bachelor of Science).
2. The student must have at least a cumulative GPA of 2.75.

3. The student must complete his or her proposed course of study with at least a C in every course that counts towards that course of study. Additionally, the student must maintain a 2.75 GPA within the courses in that course of study.
4. The student must complete at least 12 hours of 300/400 level courses in one of the disciplines he or she integrates and at least 6 hours of 300/400 level courses in a second discipline he or she integrates. (Students may integrate more than two disciplines.)
5. If a student is unable to enroll in a course in his or her course of study due to vagaries of college scheduling, any substituted course must be approved by the Interdisciplinary Studies Committee before the student enrolls in the course.
6. The student must complete a capstone experience (including a final presentation before the Interdisciplinary Studies Committee) evaluated as passing by his or her advisory committee.
7. During his or her final semester, the student will enroll in either IDS 495 (Interdisciplinary Synthesis Capstone Paper) or IDS 496 (Capstone Project) in order to complete the student's capstone experience and prepare for the presentation to the Interdisciplinary Studies Committee.

The Course of Study Proposal Process

1. All proposals must be approved before the first semester of the student's junior year. In order to meet this requirement, a student must submit his or her application no later than his or her second semester as a sophomore. Proposals are accepted only during the fall and spring semesters.
2. A proposal must actively integrate two or three disciplines into a coherent plan of study in a way that in the judgement of the IDS committee cannot be accomplished by simply majoring in two or more disciplines.
3. A proposal must include the following: Two letters of support from faculty, a proposed course of study, a proposed capstone experience, and a proposal letter from the student along with a copy of the student's most recent transcript from Spring Hill College and all other universities and colleges attended. (Unofficial copies are acceptable.)
 - a. The proposal must be accompanied by two letters of recommendation from faculty drawn from at least two of the disciplines that will be integrated in the proposed course of study.
 - i. One of the recommending faculty will also commit to acting as the student's adviser and closely supervising the student's studies and capstone experience.
 - ii. The other recommending faculty will commit to joining the student's advisory committee.
 - iii. Letters from faculty are to be unread by the student and should frankly (to the best of the faculty member's knowledge) address the need for the student to pursue an interdisciplinary degree (rather than a traditional major or double major), the merit of the proposed project and the student's ability to complete the proposed project.
4. A proposal must also include a proposed course of study consisting of at least 30 hours of 300- and 400-level courses in the disciplines to be integrated, or IDS courses integrating those disciplines. Students are encouraged to think carefully about future

course offerings and prerequisites to create a planned course of study that is feasible as well as conducive to his or her aims.

- a. The proposed course of study should be organized so as to indicate which classes will be taken in what semester, when the capstone experience will be completed, the timing and content of any independent studies and/or internships or other projects offcampus and a projected graduation date.
 - i. Students may not double major in IDS and another field. Minors are however encouraged and any planned minor should be included in the proposal.
 - ii. A student may submit or alter one of the IDS template courses of study rather than creating his or her own.
- b. A detailed description of a capstone experience to be supervised by the student's adviser that indicates clearly how the proposal will integrate the
- c. The proposal letter from the student will describe all aspects of the student's proposal, detailing the disciplines to be integrated, why the student wants to pursue an interdisciplinary studies degree rather than a traditional major, and the student's plans for life and work after graduation. The student should aim to demonstrate that his or her proposed degree and plans are uniquely valuable in achieving his or her long-term goals.

STUDENT ADVISORY COMMITTEES

The student will organize an advisory committee to advise his or her work until graduation and to evaluate his or her capstone experience.

- a. The advisory committee will normally comprise three full-time, tenure track or tenured faculty members at Spring Hill College.
 - i. The first member must be the student's advisor.
 - ii. The second member will normally be the student's second faculty recommender from the proposal process though it may a different Spring Hill College full-time tenure track or tenured faculty member.
 - iii. The third member may be drawn from faculty or appropriate experts outside of Spring Hill College.
 - iv. Any such outside member must be approved by the student's advisor and second advisory committee member.
- b. The advisory committee will be responsible for evaluating the student's capstone experience (including presentation of that experience) as passing, passing with honors or failing.
 - i. A passing result can only be given if no advisory committee members give the student a failing result.
 - ii. A passing with honors result can only be given if all of the advisory committee members give the student a passing with honors result.

LOWER-DIVISION COURSES - These courses will be taught as either tutorials or seminars.

IDS 290. Special Topics (1-3) Interdisciplinary special topics.

IDS 291. Special Topics (3) (W) Interdisciplinary special topics.

IDS 292. Special Topics (3) (D) Interdisciplinary special topics.

UPPER-DIVISION COURSES

IDS 390. Special Topics (1- 3) Interdisciplinary special topics. The course will be taught either on a tutorial or seminar basis.

IDS 391. Special Topics (3) (W) Interdisciplinary special topics. The course will be taught either on a tutorial or seminar basis.

IDS 392. Special Topics (3) (D) Interdisciplinary special topics. The course will be taught either on a tutorial or seminar basis.

IDS 393. Special Topics (3) (D/W) Interdisciplinary special topics. The course will be taught either on a tutorial or seminar basis.

IDS 394. Special Topics (3) (I) Interdisciplinary special topics. The course will be taught either on a tutorial or seminar basis.

IDS 397. Topics in Gender Studies (3) (W/D) Same course as GDR 397.

IDS 460. Multicultural Environments (3) (W/D) Students are introduced to the role culture plays in forming the ways people think, identify themselves, interact and make decisions. Various culture groups are compared and contrasted in order to understand their different values, social behaviors, and traditions. The relationship between culture and language is also examined.

IDS 490. Interdisciplinary Internship (3-6) Professional experience through a semester of directed part-time employment. Enrollment restricted to juniors and seniors.

IDS 495. Interdisciplinary Synthesis Paper (3) (W) An integrating course intended primarily for interdisciplinary studies majors at the end of their program. The course will be taught either on a tutorial or seminar basis.

IDS 496. Interdisciplinary Synthesis Project (3) An integrating course intended primarily for interdisciplinary studies majors at the end of their program. The course will be taught either on a tutorial or seminar basis.

INTERNATIONAL STUDIES

(see Division of Social Science)

MINORS

FORENSIC SCIENCE MINOR

Contact: Mark O. Byrne, PhD

Forensic Science is an interdisciplinary program which focuses on the collecting and processing of evidence as it pertains to a court of law. This minor is intended as a bridge between social scientists and the experts within the forensic fields. Through courses in biology, chemistry, political science, psychology and sociology, the behavior of criminals and the evidences of crime are examined and analyzed.

A minor in forensic science consists of a minimum of 21 credit hours. Nine hours of lower-level courses must include CHM 102, BIO 117, SOC 253 and PSY 263 or MTH 163. The upper-level course is a choice of POL 341 or POL 342. The remaining six hours must be selected from among those courses specified below or must meet the approval of the Forensic Science contact listed above. All courses must be completed with a grade of C- or better, and a maximum of nine hours can be transferred from other institutions.

LOWER-DIVISION

Course	Title	Credit Hours
BIO 117	Forensic Biology	3
CHM 102	Forensic Sciences	3
SOC 253	Criminology	3
PSY 263 or MTH 163	Statistics for the Social Sciences <i>or</i> Basic Statistics for the Sciences	3

UPPER-DIVISION

Course	Title	Credit Hours
POL 341 or POL 342	Judicial Process and Procedures <i>or</i> Civil Liberties and Civil Rights	3

ELECTIVES

Course	Title	Credit Hours
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Six additional credits must be selected from the following list depending on area of interest:

BIO 231 & 233	Anatomy and Physiology I and Laboratory	6
BIO 232 & 234	Anatomy and Physiology II and Laboratory	
BIO 301 & 302	Genetics and Laboratory	
BIO 360 & 362	Cell Biology and Molecular Laboratory	
CHM 231 & 233	Organic Chemistry I and Laboratory	
CHM 351 & 353	Analytical Chemistry and Laboratory	
CHM 302 & 304	Instrumental Analysis and Laboratory	
PSY 225	Abnormal Psychology	
PSY 374	Drugs, Brain and Behavior	
PSY 472	Forensic Psychology	
SOC 256	Cultural Anthropology	

SOC 314	Deviant Behavior
SOC 315	Elite Deviance
SOC 354	Juvenile Delinquency
SOC 483	Sociology of Law

GENDER STUDIES MINOR

Program Director: Sarah Duncan, PhD

Gender Studies is an interdisciplinary program that focuses on the study of gender and the intersection of gender with other factors such as class, race, region, religion, age, historical period, politics, health, ability, sexuality, media and culture. The courses offered in Gender Studies will address the difference between sex and gender; the social construction of gender; variations in women's and men's experiences across nations/cultures/time/class/race/sexual orientation; gendered construction of knowledge and legal/political/economic/cultural systems; women's contributions to history/culture/politics, etc. Through a wide variety of approaches and methodologies in courses in art, literature, history, philosophy, psychology, sociology, communications and the sciences, gender and gender differences in the U.S., transnationally, and in history are examined.

A minor in Gender Studies consists of a minimum of 18 credits. Course work must be completed with grades of C- or better and at least 12 hours must be completed at Spring Hill College. One of the following two courses is required of all Gender Studies minors, either PSY 310 Psychology of Gender or SOC 375 Gender and Society. The remaining courses must be selected from the list that follows. Additionally, special topics courses, tutorials and seminars may be applied to the minor with the approval of the Program Director.

Required of all minors

Course	Title	Credit Hours
PSY 310 or SOC 375	Psychology of Gender or Gender and Society	3

PROGRAM ELECTIVES

Course	Title	Credit Hours
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Choose three from the following:

ARH 299/499	Topics in Women's Studies	15
BIO 115	Biology of Sex	
CMM 375	Gender Communication	
ENG 496	Special Studies in Diversity - Middle English Masculinities	
ENG 496	Special Studies in Diversity - Women Writers of the World	
GDR 301	Women and Gender in Transnational Context	
GDR 397	Special Topics in Gender Studies	
HIS 323	Women in European History	
HIS 324	Women in American History	
HIS 325	Women's History	
PHL 322	Philosophy and Gender	
PSY 310	Psychology of Gender	
PSY 394	Human Sexuality	
SOC 351	Marriage and Family	
SOC 375	Gender and Society	
THL 353	Human Sexuality and Marriage	

Other courses as approved by the Director of Gender Studies

GENDER STUDIES COURSES

GDR 301. Women and Gender in Transnational Context: Transnational Feminisms (3)

An introduction to the histories, theories, methods and politics of transnational feminist studies. This course develops a transnational, cross-cultural lens for understanding gender phenomena, focusing on how we are all connected in a global network flow of capital, ideas and activism.

GDR 397. Topics in Gender Studies (3) (W/D) Same course as IDS 397.

CERTIFICATE IN FREE ENTERPRISE

Contact: Christopher P. Puto, PhD

The Certificate in Free Enterprise is a twelve credit-hour program in conjunction with the John J. Burke, Jr., Center for the Study and Advancement of Free Enterprise. All Spring Hill College undergraduate students who are rising juniors, irrespective on their specific major field of study, are eligible to apply for admission to this certificate program. The certificate is open exclusively

to degree-seeking students and is awarded upon the satisfactory completion of the four required courses and all requirements for the Bachelor's Degree. Students who do not complete the requirements for the Bachelor's Degree are not eligible to receive this certificate.

This certificate program is designed to prepare students of any major with the intellectual understanding and the skills to succeed as leaders and constructive participants in all aspects of the 21st Century global economy. The Certificate in Free Enterprise engages students in concepts and practical endeavors that transcend traditional entrepreneurship, which generally focuses on small business start-up activities. Students who complete this certificate program in conjunction with their bachelor's degree will have the knowledge and skills to (1) function effectively and successfully as informed leaders and responsible members of a society subject to highly competitive market forces and (2) to validate needs and create and implement effective solutions in their respective areas of study.

REQUIRED COURSES

Course	Title	Credit Hours
CFE 450	Market Definition	3
CFE 455	Enterprise Development	3
PHL 355 or PHL 356	Markets and Morality Responsible Capitalism	3
POL 389	Foundations of Free Markets and Free Societies	3

CFE 450. Market Definition (3) Introduces theoretical foundations and processes for identifying unmet needs in an economic or societal setting, measuring those needs and developing effective solutions. Prerequisite: senior standing, and formal admission to the Burke Center Certificate in Free Enterprise Program.

CFE 455. Enterprise Development (3) Students engage in the process of converting a previously defined market filling solution into a development plan for a new enterprise. Prerequisites: BUS 455 and good standing in the Certificate in Free Enterprise Program.

PHL 355. Markets and Morality (3) This course involves an extensive discussion of capitalism and socialism, including the various permutations and sub-types of each theory. Students will explore which economic system best promotes social justice, possible moral limitations of free markets, and potential for synthesizing the productivity and efficiency of capitalism with the Jesuit and Catholic commitment to serve others. PHL 101/190 and a lower-division course.

PHL 356. Responsible Capitalism (3) An extensive discussion of capitalism and socialism. Which economic system best promotes social justice. Potential for synthesizing the productivity and efficiency of capitalism with the Jesuit commitment to serve others. Prerequisites: PHL 101/190 and a lower-division course.

POL 389. Foundations of Free Markets and Free Societies (3) (E) This course begins with a close look at the Scottish Enlightenment of the 18th Century, when thinkers such as David Hume and Adam Smith first systematically discussed “commercial society” (nowadays termed “capitalism” or “liberal democracy”). The course then traces the key political and economic developments of the subsequent 250 years, as free-market ideas extended in influence well beyond their Anglo-American roots. Among themes explored: the philosophical justifications for and against government regulation; the evolution of key constitutional and legal institutions related to private property and contracts; the social effects of trade, consumption and competition. Prerequisite: Junior standing and POL 112 or POL 283.

COHESIVE UNDERGRADUATE EXPERIENCE (CUE)

Contact: Stephanie Hart, MS

LEA 101. LEAP Lab (1) This course is a lab designed to accompany a LEAP core course. In addition to the lab session during orientation, this course will meet for one-hour weekly during the regular course schedule through October. A single off-campus experience led by the faculty member on record will be required. An essential element of the lab will be a highly trained student leader who will assist the lab instructor.

CLI 201. CLIMB co-curricular experiences (0) Students completing the CLIMB core requirement through a co-curricular experience must sign up for CLI 201 in order for the C core overlay requirement to appear on their transcripts. Examples of CLIMB co-curricular experiences include participation in the Immersion Service Immersion Program (ISIP) or service work completed through the Albert S. Foley, SJ, Community Service Center.

CENTER FOR ACADEMIC EXCELLENCE

Interim Program Director: Steven Almquist, PhD

The college offers courses to assist students with strategies that promote academic success.

CAE 101. College Success Strategies (2) This course focuses on learning strategies that lead to success in college, including studying in a variety of disciplines, note-taking skills, critical reading and test preparation strategies. Grading: A, B, C, NC.

CAE 201. Peer Tutoring (1) This course is a study of the methodology and procedures involved in peer tutoring in the Center for Academic Excellence. Students selected to be peer tutors in all disciplines within the CAE are required to take this course. Grading: Pass/NC.

HONORS PROGRAM

Director: Michael Ferry, PhD

The Spring Hill College Honors Program is designed to enhance the Spring Hill experience by offering a challenging and rewarding course of study to academically gifted and motivated students. It is comprised of academic courses, seminar experiences and additional opportunities for service, leadership, cultural exploration and social interaction both on and off campus. The program is designed to begin during a traditional student's first semester and to continue throughout the student's program of study.

Regular Admission to the Program: Selected incoming students will be invited to participate in the Honors Program by the Honors Program Director following their acceptance to Spring Hill College. The formal requirements for participation include:

- (a) High School Grade Point Average: An adjusted high school grade point average of at least 3.5 on a 4.0 scale.
- (b) Standardized Test Scores: A minimum composite ACT score of 28 or comparable SAT score.

Other components of a student's application to the College will be examined by the Honors Program Director to ensure that the student is well suited for the program. Students may be asked to interview with the Director or a member of the Honors Program Faculty Committee in person or by phone.

Students who do not meet the necessary numeric thresholds are still eligible to apply to the program, and these applications will be examined by the Honors Program Director or other committee members to determine eligibility.

Under some circumstances, students who transfer to Spring Hill College may be invited to participate in the program. Current students at Spring Hill College are also welcome to apply to the program at any point during their academic career. Interested students should contact the Honors Program Director for more information.

The Honors Program Academic Requirements:

- I. **Honors Courses:** Honors students must complete a minimum of seven honors courses. Each honors course is worth one honors point.
 - (a) **Honors Designated Courses:** Honors students are eligible for participation in specially enriched sections of certain courses. Such courses can account for as much as one-third of the student's core curriculum course work. The academic requirements do not increase the number of hours required for graduation or for completion of any major or minor offered at Spring Hill College. Honors courses will cover material in greater depth, use primary materials when possible, stress student participation and responsibility and encourage high individual achievement. For some of the honors courses, alternatives may be authorized.

Course	Title
CHM 193	Honors General Chemistry I Laboratory
ENG 190	Honors Composition and Literature

ENG 290 ¹	Honors Literature
PHL 190	Honors Logic
PHL 291	Honors Ethics
PHL 292	Honors Philosophy of Human Nature
PHL 293	Honors Philosophy of Religion
PHL 294	Honors Philosophy Special Topics
PHL 390	Honors Philosophy III
THL 190	Honors Theology I
THL 39X	Honors Theology II
HIS 290	Honors History
HIS 390	Honors Historical Studies
ECO 290	Honors Economics
POL 290	Honors Political Science
PSY 290	Honors General Psychology
SOC 290	Honors Sociology
HON 499	Honors Special Topics

¹Honors students only need three courses to complete their requirement in English. After taking ENG 190 and ENG 290, they may take either a 200-, 300- or 400-level course. However, honors students who opt to take a 300- or 400-level course for their last English core requirement must have received a minimum grade of "B" in both ENG 190 and ENG 290. Otherwise, they must take a 200-level English course.

See appropriate academic division listing for the honors designated course descriptions.

Normally, students will take two honors courses each semester during the first year and one or two per semester during the second and third years. The model might therefore look like:

First Year:

Fall: ENG 190 & PHL 190
 Spring: ENG 290 & THL 190

During the Second and Third Years:

Fall: PHL 29X, POL 290 or ECO 290
 Spring: THL 39X, PSY 290 or SOC 290

- (b) Honors Contract Courses: With the approval of both the course instructor and the Honors Program Director, a student may add, by contract, an honors component to a non-honors course. The honors component may involve a substantial enhancement to a major assignment already included in the course requirements, or it may involve additional assignments. The honors component will vary, depending on the course, but it should add significant depth to one's engagement with the course content. See the Honors Program Director for more details.

- II. **Honors Thesis or Project:** Students are encouraged, though not required, to complete an honors thesis. The honors thesis is worth two honors points. The thesis can represent a capstone to one's participation in honors. The detailed requirements of the project will

depend on the discipline in which the project is developed, but it should lead to the production of a substantial and original project or piece of scholarship. With the approval of a faculty thesis advisor (usually in the student's major) and the Honors Program Director, a student wishing to complete an honors thesis or project should enroll in HON 495.

If a student is required to complete a senior seminar project in his or her major discipline, the honors thesis would need to be an additional three credit, semester long project. However, in some circumstances it may be possible to coordinate the two projects or to combine the projects into a more substantial six-credit project.

III. **Cultural Immersion and Internships:** Honors students are also encouraged to share their talents and to learn outside of the classroom. As such, honors students may earn a maximum of two honors points from the following activities. In order to earn honors points, the student will be required, after completing the activity, to submit a brief report or reflection describing the experience and connecting the experience to his or her academic and/or professional goals.

- (a) Service Immersion Trip: Students may earn one honors point by participating in a service immersion trip
- (b) Study Abroad: Students may earn one honors point by participating in a semester or summer semester abroad
- (c) Internship: Students may earn one honors point by completing an approved internship. These can include honors service internships, as well as a variety of other pre-professional internships. See the Honors Program Director for more details.

HONORS COURSES

LEA 101. Honors LEAP Lab (1) All new honors students are placed in a LEAP section designed to orient them to the program and to the College as a whole. No honors points are awarded for this class.

HON 490. Honors Senior Seminar (0) As a requirement of this class, students will be responsible for submitting to the Honors Program Director a checklist with point totals along with relevant course numbers and dates of completion; the director of the Honors Program will be responsible for ensuring that this information is accurate. Students must complete an exit interview and a survey form to receive credit for HON 490. This course is graded on a pass/no-credit basis. Students must receive a passing grade in this course in order to graduate with an honors designation. No honors points are awarded for this class.

HON 495. Honors Thesis Research (3) As a requirement of this class, students will, under the direction of a faculty advisor, complete a substantial and original thesis or project. Enrollment in this course requires the approval of a faculty thesis advisor and the Honors Program Director. Two honors points are awarded for this course.

HON 499. Honors Special Topics (1-3) Special topics in liberal arts or science not included in honors curriculum. Offered occasionally for special interests or needs.

Retention of Honors Standing: To remain in the Honors Program, each student must complete a minimum of 24 semester hours each year at Spring Hill and hold a cumulative 3.3 grade point average at graduation.

Graduation: Students must earn a total of 10 honors points or more to successfully complete the Spring Hill College Honors Program. Upon confirmation that the student has met the requirements of the program, the Director will notify the appropriate college personnel to ensure that the student is given honors credit on his or her transcript and other relevant forms. Completion of the program will be indicated by a special notation on the student's transcript.

STUDENT ADVISING SERVICES

Program Director: TBA

The College offers courses to assist students in setting and reaching academic and career goals.

SAS 102. Transfer Student Seminar (0) This course is an extended orientation to assist transfer students in making an effective transition to Spring Hill. Topics include: transfer credit, degree audits and requirements, core curriculum, academic policies and procedures, time management and financial aid requirements. This course is a requirement; credit and grade are not awarded; course does appear on student transcript.

SAS 201. Major and Career Exploration (2) This course provides the foundation for effective personal career management. Each student will be asked to develop and manage a career direction consistent with personal aspirations, skills and current opportunities. Students will explore potential majors and align career aspirations with relevant programs at Spring Hill College. Prerequisite: 12 earned hours. This course is primarily designed for second semester first year students and sophomores who have not declared a major.

SAS 301. Internship I (1-3) An active learning experience in a professional working environment related to a student's major and/or career. Prerequisites: 60 earned hours or 24 Spring Hill College earned hours if a transfer student, and cumulative GPA of 2.5 or above.

SAS 302. Internship II (1-3) Students who successfully complete SAS 301 may enroll in SAS 302, which is designed as a second internship experience with a different focus. Prerequisites: 60 earned hours or 24 Spring Hill College earned hours if a transfer student and cumulative GPA of 2.5 or above.

SAS 303. Pre-law Internship (3) Students enrolled in SAS 303 will gain experience in a professional legal environment. The internship is designed for students considering a future in the legal environment. Recommended for pre-law minors. Prerequisites: 60 earned hours, 24 Spring Hill College hours if a transfer student, cumulative GPA of 3.0 or higher and permission of Political Science Chair and instructor.

SAS 305. Pre-Health Internship II (1) Students observe five areas of the medical practice. This course is repeatable for up to two credits. Prerequisite: SAS 304.

SAS 310, 311, 312. Peer Leadership: Mentoring (1) This course series is designed to prepare students for the roles of peer mentors/peer educators and to promote their development as leaders serving in the roles of LEAP lab mentors. LEAP Leaders are required to enroll in the SAS 310 series as follows: SAS 310: first year; SAS 310: second year veteran leaders; SAS 312: third year veteran leaders.

SAS 401. Senior Job Search Seminar (3) Students will start their job search by networking, finalizing job search documents, presenting professionally, mock interviewing, writing salary requirements and applying for jobs. Prerequisite: Open to juniors and seniors.

LEISURE SPORT AND RECREATION (LSR)

Contact: Joe Niland

Designed to contribute to the development of the whole person, to offer healthy life choices and to provide students with skills and knowledge in a variety of Sport and physical activities, the leisure Sport and recreation courses are generally taught by the staff of the Athletic Department. All courses are offered on a Pass/Fail basis. Note: While students may take a number of LSR courses, a maximum of two may be applied toward credit required for graduation. A student, after completing one LSR course, may take others on a space available basis only.

LSR 100. Recreational Tennis (1) An introduction to tennis, emphasizing fundamental strokes, general techniques and the scoring of singles and doubles play. Grading: Pass/Fail.

LSR 110. Recreational Golf (1) Introduction to the fundamentals of golf, etiquette, rules and scoring. Grading: Pass/Fail.

LSR 115. Advanced Golf (1) This course is designed to improve personal fitness levels and promote lifelong fitness and wellness through participation in the sport of golf (i.e., golf tournaments, contests and skill development for students who are already active golfers). Grading: Pass/Fail.

LSR 120. Weight Training (1) Students are instructed in the use of weight room equipment, in proper techniques for performing exercises to develop the total body and in safety and spotting methods. Grading: Pass/Fail.

LSR 130. Recreational Saltwater Fishing (1) Students are introduced to the successful strategies of the sport of saltwater fishing. The ethical, environmental and legal aspects will be emphasized with conservation in mind. Grading: Pass/ Fail.

LSR 140. Walking and Jogging (1) This course is designed to improve personal fitness levels and promote lifelong fitness and wellness through participation in a walking and jogging exercise program. Grading: Pass/Fail.

LSR 150. Aerobics (1) This course is designed to improve personal fitness levels and promote lifelong fitness and wellness through participation in aerobic activities such as Pilates, step aerobics, etc. Grading: Pass/Fail.

LSR 160. Basic RAD (Rape Aggression Defense) System for Women (1) Class elements include awareness, prevention, risk reduction and avoidance and basic hands-on defense training within a program of realistic self-defense tactics and techniques for women.

LSR 170. Soccer (1) This course is designed to improve personal fitness levels and promote lifelong fitness and wellness through participation in the sport of soccer. Grading: Pass/Fail.

LSR 180. Racquetball (1) This course is designed to improve personal fitness levels and promote lifelong fitness and wellness through participation in the sport of racquetball. Grading: Pass/Fail.

LSR 190. Recreational Sport (1) This course is designed to improve personal fitness levels and promote lifelong fitness and wellness through participation in various recreational sport activities. Grading: Pass/Fail.

RESERVE OFFICER TRAINING CORPS (ROTC) PROGRAMS

DEPARTMENT OF MILITARY SCIENCE (MSC) ARMY ROTC

Contact: LTC E. Carl Morris

Spring Hill College has a tradition, dating back to 1836, of providing leaders for the armed forces of the United States. Four-year general Army Military Science and Air Force Studies programs of instruction are available to prepare ROTC students for commissioned service in any branch or basic entry specialty of the Army or the Air Force. Assignment to a branch or specialty is based on the needs of the Army or Air Force and the educational and professional background of the graduate.

The mission of the ROTC program is to commission the future officer leadership of the United States Army. The Military Science Department offers a progressive program, which will enhance student education regardless of academic endeavor. The program is designed to improve the leadership abilities of students; develop managerial skills, inform students concerning the roles, missions, and capabilities of the Army; and train qualified ROTC students to become commissioned officers in the National Guard, US Army Reserve or the US Army. Military Science is an accredited field of minor study.

Students may take Military Science courses and receive graduation credit in lieu of Physical Education courses. National Guardsmen, reservists, veterans and former JROTC students may receive advanced placement by requesting it through the department chair.

REQUIREMENTS FOR ENROLLMENT AND CONTINUANCE

The general requirements for enrollment and continuance in the Army ROTC program are as follows:

1. Basic course students must:
 - (a) Be a citizen of the United States.
 - (b) Be physically qualified.
 - (c) Have freshman or sophomore standing. Students with higher standing require consent of PMS.
2. Basic course cadets applying for enrollment in the advanced course who seek a commission must:
 - (a) Have successfully completed MSC 101, MSC 102, MSC 201 and MSC 202 or have accomplished one of the following: Prior military service, ROTC basic military studies, Cadet Initial Entry Training, three-year high school JROTC basic course.
 - (b) Have two years remaining at the College (either undergraduate, graduate or in pursuit of additional course work).
 - (c) Have completed a minimum of 32 hours to contract.
 - (d) Be under 31 years old at the time of graduation and commissioning (waiver-able to 39).
 - (e) Be enrolled as a full-time student, either at Spring Hill College or at an affiliate program college or university.
 - (f) Meet military screening and physical requirements.
 - (g) Maintain a minimum 2.0 GPA.
 - (h) Maintain a B average in military science and leadership courses.

Regularly enrolled students who meet the academic prerequisites may take individual courses as electives with the permission of the department head and academic advisor.

BASIC COURSE

The purpose of the Army ROTC Basic Course is to introduce students to Army ROTC, to give them general information about the Army and to introduce them to basic skills, which have both military and civilian application. Courses and practical exercises in land navigation, orienteering and leadership round out the student's academic life, provide a challenge, develop confidence and break the classroom monotony. With this initial exposure, the students will have experience upon which to base their decisions to continue into the Advanced Course and into the Army as commissioned officers. There is no military obligation in connection with the Basic Course. Basic Course scholarship students earn \$300-\$350 a month upon contracting. Contracted cadets are required to pass an Army Physical Fitness Test at least once a semester.

MSC I (MSC 101-102). Meets for one hour per week. Students are required to attend a two-hour leadership lab every week and are encouraged to attend physical training lab three times per week for one hour per session. During leadership laboratory, students will participate in adventure training and other military activities. Several optional training activities on and off campus are scheduled each semester.

MSC II (MSC 201-202). Meets for two hours per week. All students are required to attend a two-hour leadership lab every week. In addition, contracted students are required to attend physical training lab three times per week for one hour per session. During leadership laboratory, students will participate in adventure training and other military activities. Several optional training activities on and off campus are scheduled during the school year.

CADET INITIAL ENTRY TRAINING

Army ROTC Cadet Initial Training (CIET) will be conducted during the summer session between a student's freshman and sophomore year. CIET is a challenging four-week training course designed to provide a base knowledge of Army skills in order to give the students the ability to handle themselves and others in new and demanding situations. Throughout the program, the student is provided with the fundamentals of soldiering, which include physical training, marksmanship, tactical operations, map reading and orienteering. Students are provided transportation to and from CIET, fees, room and board, as well as approximately \$700 in pay and allowances. Attendance at the CIET does not necessarily obligate the student to military service; it does, however, qualify the student for continuation in the Army ROTC courses as a contracted Cadet. Provided eligibility criteria are met, a student can compete for a two-year or three-year scholarship upon graduation.

ADVANCED COURSE

Upon completion of the Basic Course or Cadet Initial Entry Training (above), ROTC students entering the Advanced Course continue to develop their ability in evaluating situations, making decisions and practicing traits considered essential in a leader. The ability to motivate subordinates, to win their confidence and to supervise them effectively has been attributed by many civilian and military leaders to training received through ROTC in college. The ROTC Program uses and extends the intellect, education and special abilities of college

students. Its primary purpose is to produce Army officers needed for the defense of our nation in time of crisis; but, in the process, it also develops the kind of junior executive or manager needed in every field of civilian endeavor.

All Advanced Course students earn \$450 to \$500 a month (upon contracting) beginning the first month of their junior year and continuing until they complete the Advanced Course. Additional pay and travel allowances for the 33-day Cadet Leader Course training between the junior and senior years make the total received approximately \$10,000.

MSC III (MSC 301-302) Meets for three hours per week. All students are required to attend a two-hour leadership lab once per week. In addition, students are required to attend physical training lab three times per week for one hour per session. Three training activities off campus will be scheduled during the school year.

MSC IV (MSC 401-402) Meets for three hours per week. All students are required to attend a two-hour leadership lab once per week. In addition, students are required to attend physical training lab three times per week for one hour per session. Three training activities off campus will be scheduled during the school year.

SIMULTANEOUS MEMBERSHIP PROGRAM

The simultaneous membership program option combines the Army ROTC living allowance with membership in the Army Reserve or Army National Guard and allows the student to receive pay from both programs. ROTC Cadets serve as officer trainees in direct leadership/management positions. Simultaneous membership program participation with National Guard or Reserve Forces is one weekend per month and two weeks each year. Cadets participating in the simultaneous membership program are eligible for tuition assistance reimbursement up to \$4,500 per year.

BRANCH SELECTION

The curriculum of the Army ROTC program is designed to qualify the cadet for appointment as an officer. Selection for assignment to the various branches of the Army is based upon the personal interests of the Cadet, the major course of study, academic accomplishments, leadership potential and the needs of the service. Under this system, a Cadet may be commissioned in any branch for which he or she is qualified and in which a need for officers exists. After graduation and commissioning, the officer will attend a service school for further specialized military training, which will qualify him or her for the branch to which he or she is assigned.

ROTC SCHOLARSHIP PROGRAM

See information provided in the section on financial aid.

ARMY ROTC SCHOLARSHIP PROGRAM

These competitive scholarships are awarded solely on potential rather than financial need and cover the costs of tuition, fees and a flat-rate book allowance (of \$600 per semester); plus a monthly subsistence allowance of \$300 for freshmen, \$350 for sophomores, \$450 for juniors and \$500 for seniors. This allowance is tax free. Four-year scholarships are available to designated freshmen who applied and were selected during their senior year in high school. Three- and two- year scholarships are available to eligible students enrolled in the ROTC program. Two-year undergraduate or graduate school scholarships are available to students who successfully

complete the Cadet Initial Entry Training. For members of the Army Reserves and National Guard, ROTC has Guaranteed Reserve Forces Duty Scholarships (GRFD) providing the same benefits listed above.

ACTIVITIES

In an effort to develop maximum leadership qualities among Cadets, the following organizations and activities are sponsored by ROTC as an integral part of the Army Cadet Corps.

Color Guard: The color guard supports numerous college and community events. Presents the national colors for school events and civic organizations in Mobile.

Ranger Challenge: Students are trained in small-unit tactics and participate in ranger-type operations and competitions.

Running Club: Participation is open to all students. Runs from 3K to 26.2 mile marathons and triathlons.

Scabbard and Blade: Honor society for Cadets. Cadets must meet national requirements to be a member.

ACADEMIC CREDIT

Academic credit is granted for the completion of Military Science course requirements as follows:

- Basic Course 1st year (MSC 101 - 102) 1st & 2nd Sem. - 1 hr. ea. = Total 2
- Basic Course 2nd year (MSC 201 - 202) 1st & 2nd Sem. - 3 hrs. ea. = Total 6
- (Cadet Initial Entry Training in lieu of Basic Course)(6)
- Advanced Course 1st year (MSC 301 - 302) 1st & 2nd Sem. - 3 hrs. ea. = Total 6
- Advanced Course 2nd year (MSC 401 - 402) 1st & 2nd Sem. - 3 hrs. ea. = Total 6

AUDITING

Students who do not meet qualifications for Army contracting and commissioning may be allowed to audit a military science course. Students desiring to audit must receive the permission of the department chair. Auditing students may not participate in leadership laboratory, field training exercises or other physical activities.

Non-US students must have written permission from their government prior to taking an ROTC course.

REQUIREMENTS FOR A COMMISSION AS A SECOND LIEUTENANT IN THE UNITED STATES ARMY

Students desiring a commission must complete a minimum of 23 hours of course work to include:

1. 20 hours of military science, including:
 - a. MS 101 and 102;
 - b. MS 201 and 202;

- c. Students can receive placement credit for the 100- and 200-level courses for prior military service, Junior ROTC, Cadet Initial Entry Training and equivalent military training with PMS approval;
 - d. MS 301 and 302;
 - e. MS 401 and 402.
2. A 3-hour military history course.
 3. MS 494 (one-credit hour) as required until graduation.
 4. In addition to the required courses, students must contract and attend ROTC Cadet Leader Course for 33 days between the junior and senior year.

REQUIREMENTS FOR A MINOR

Completion of the 20 semester hours of MS course work and one military history elective are required for a minor in Military Science. Placement credit may be awarded for the basic course for prior military service, attendance at ROTC Cadet Initial Entry Training or three or four years of JROTC. Students who are already commissioned officers are not eligible to receive a minor in Military Science. Non-contracted students are not eligible to receive a minor in Military Science.

MILITARY SCIENCE (MSC)

MSC 101. Basic Leadership Skills I (1) An introductory course of instruction and participation in common military task and leadership skills. Students are encouraged to attend Physical Training (PT) Lab three times per week for one hour per session and required to attend a two-hour leadership lab every other week. Fee.

MSC 102. Basic Leadership Skills II (1) A continuing course of instruction and participation in individual common military task and leadership skills. Students are encouraged to attend Physical Training (PT) Lab three times per week for one hour per session and required to attend a two-hour leadership lab every other week. Fee.

MSC 201. Intermediate Military Skills I (3) A further development of common task and leadership skills required to prepare Cadets to lead small military units. Emphasis on practical application of basic military skills and ability through development of leadership skills. Students are required to attend Physical Training (PT) Lab three times per week for one hour per session and required to attend a two-hour leadership lab every week. Fee.

MSC 202. Intermediate Military Skills II (3) A further development of common task and leadership skills required to prepare Cadets to lead small military units. Emphasis on practical application of basic military skills and ability through development of leadership skills. Students are required to attend Physical Training (PT) Lab three times per week for one hour per session and required to attend a two-hour leadership lab every week. Fee.

MSC 301. Adaptive Team Leadership (W) (3) Challenges Cadets to study, practice and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feedback on their leadership attributes and actions. Based on such feedback, as well as their own self-evaluations, Cadets continue to develop their leadership and critical thinking abilities. Cadets also conduct physical fitness training three times per week focusing on development of individual flexibility, muscular strength and cardio-respiratory endurance. Students are required to attend Physical Training (PT)

Lab three times per week for one hour per session and a two-hour leadership lab every week. Contact Hour Distribution: 3 hours and 1 lab. Prerequisites: MSC 101, 102, 201 and 202. Fee.

MSC 302. Applied Team Leadership (3) Increasingly intense situational leadership challenges to build Cadet awareness and skills in leading tactical operations up to platoon level. Cadets review aspects of combat, stability and support operations. They also conduct military briefings and develop proficiency in garrison operation orders. Cadets also conduct physical fitness training three times per week focusing on development of individual flexibility, muscular strength and cardio-respiratory endurance. Students are required to attend Physical Training (PT) Lab three times per week for one hour per session and a two-hour leadership lab every week. Prerequisite: MSC 301. Fee.

MSC 401. The Army Profession (3) MS 401 introduces Cadets to the challenges of mission command and gaining an understanding of the Army Profession. Cadets learn the basics of what mission command is and how it is used in Army operations. Students will examine the Army Profession and what it means to be a professional in the US Army. The overall focus is on developing basic knowledge and comprehension of Army leadership while gaining a big picture of understanding the Reserve Officers' Training Corps (ROTC) program, its purpose in the Army and its advantages for the student. In addition, MSL IVs are rotated through a variety of leadership positions that support a variety of ROTC battalion training and recruiting events throughout the semester where the MSL IV student will receive detailed and constructive feedback on their leader attributes and core leader competencies from experienced cadre. Students are required to attend Physical Training (PT) Lab three times per week for one hour per session and a two-hour leadership lab every week. Fee.

MSC 402. Leadership in a Complex World (W) (3) Introduces Cadets to the challenges of mission command and gaining an understanding of the Army Profession. Cadets learn the basics of what mission command is and how to use it in Army operations. Students will examine the Army Profession and what it means to be a professional in the U.S. Army. The overall focus is on developing basic knowledge and comprehension of Army leadership while gaining a big picture of understanding the Reserve Officers' Training Corps (ROTC) program, its purpose in the Army and its advantages for the student. Students are required to attend Physical Training (PT) Lab three times per week for one hour per session and a two-hour leadership lab every week. Fee.

MSC 494. Directed Studies (1-3) Directed study and research. May be repeated in different subject areas. Course work will be specified by the instructor prior to the beginning of the semester. Studies may include but are not limited to research papers, special projects and leadership seminars. Students are required to attend Physical Training (PT) Lab three times per week for one hour per session and a two-hour leadership lab every week. One- and three-hour courses are available. Fee.

AIR FORCE: AIR FORCE STUDIES (AFS)

Contact: Lt. Col. Eric Wittendorfer

Air Force ROTC (AFROTC) offers students a course of study leading to a commission as a Second Lieutenant in the active-duty United States Air Force. The student/ Cadet has an opportunity to explore and evaluate Air Force career opportunities while earning a college degree. Completion of the AFROTC curriculum is the initial step in the education of the professional officer and provides a firm understanding of the Air Force mission, organization and operation.

The Air Force ROTC program consists of two phases: The General Military Course (GMC) and the Professional Officer Course (POC). Each phase consists of two academic years.

Air Force Studies courses for Spring Hill College students are offered at the University of South Alabama (USA). Students desiring to enroll should call the department at (251) 460-7211 to coordinate enrollment requirements. Registration is accomplished through normal procedures at Spring Hill College.

GENERAL MILITARY COURSE (THE BASIC COURSE)

Men and women who are full-time students may enroll in the General Military Course with no military obligation. The GMC courses deal primarily with the various Air Force organizations and their missions, as well as the history of the Air Force. The Professor of Air Force Studies may grant credit or partial credit for completion of the GMC for students who have served on active duty, for junior or senior level ROTC participation in a program of any service or for Civil Air Patrol work.

The GMC course is normally completed during the freshman and sophomore years. This basic course consists of four semesters of study with one hour of classroom work, two hours of leadership laboratory and two hours of physical fitness training per week.

PROFESSIONAL OFFICER COURSE (THE ADVANCED COURSE)

Enrollment in the POC is limited to those students who have applied and been accepted for the course. Selection is based on interest in the Air Force together with academic records, physical fitness, leadership abilities and medical qualification. Application is normally made while a member of the GMC or (for students not enrolled in the GMC) early in the sophomore year. Individuals entering the POC must have two academic years remaining in college as full-time students at the undergraduate and/or graduate level. Upon completion, all POC students are obligated to accept a commission and enter the active-duty Air Force.

AFS-300 materials emphasize student involvement in learning and practicing leadership and management techniques. The AFS-400 course deals extensively with the political, economic and social factors relating to the formulation and implementation of national security policy. Leadership and management skills as they apply to a junior officer in the Air Force are emphasized, and communicative skills are stressed throughout the entire AFROTC curriculum.

Cadets receive a nontaxable monthly allowance while on contract (normally during the two academic years in their POC) during the school year. This allowance is in addition to any other scholarship benefits.

The POC consists of four semesters of study and leads to a commission in the United States Air Force. Three classroom hours, two hours of leadership laboratory and two hours of physical fitness training are required weekly. Students interested in this program should contact the Professor of Air Force Studies prior to registration.

Field Training Course

All students accepted for entry into the POC must complete a four-week field training course, conducted at an active Air Force base during the summer months. Normally, students attend field training between the sophomore and junior years.

When attending the field training course, a student is furnished transportation or payment for travel plus pay. Uniforms and free medical care are furnished while at field training.

AFROTC College Scholarship Program

The Air Force Studies Department nominates qualified freshmen and sophomores to compete for three- and two-year scholarships. The scholarship entitlement pays up to full tuition and fees, a textbook allotment and a monthly allowance of up to \$500 per month. Scholarship consideration is predicated on student ability, performance, potential and specific academic majors needed in the Air Force.

Scholarships are also offered for the last two or three years for pre-med students. Interested students should contact the Department of Air Force Studies. Four-year scholarships are also available to high school students. High school students interested in making application should write: Air Force ROTC Det 14, South Residence Hall 147, Mobile, AL 36688-0002 or see the website www.AFROTC.com during their junior year or before November of their senior year.

Air Force ROTC Uniforms

Students in Air Force ROTC will be issued uniforms to wear to class and leadership laboratory. They must be turned in upon completion of the course or when the Cadet drops or is dropped from the program.

GENERAL MILITARY COURSE DESCRIPTIONS

AFS 101. Foundations of the United States Air Force I (1) AS 101 is a survey course designed to introduce students to the United States Air Force and encourage participation in the Air Force Reserve Officer Training Corps. Featured topics include: overview of ROTC, special programs offered through ROTC, mission and organization of the Air Force, brief history of the Air Force, introduction to leadership and leadership-related issues, Air Force Core Values, Air Force officer opportunities and an introduction to communication studies. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences.

AFS 102. Foundations of the United States Air Force II (1) AS 102 is a survey course designed to introduce students to the United States Air Force and encourage participation in Air Force Reserve Officer Training Corps. Featured topics include: overview of ROTC, special programs offered through ROTC, mission and organization of the Air Force, brief history of the Air Force, introduction to leadership and leadership-related issues, Air Force Core Values, Air Force officer opportunities and an introduction to communication studies. Leadership Laboratory is

mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences.

AFS 201. The Evolution of USAF Air and Space Power I (1) AS 201 is designed to examine general aspects of air and space power through a historical perspective. Utilizing the perspective, the course covers a time period from the first balloons/dirigibles to the Korean Conflict. Historical examples are provided to extrapolate the development of Air Force distinctive capabilities (core competencies) and missions (functions) to demonstrate the evolution of what has become today's USAF air and space power. Furthermore, the course examines several fundamental truths associated with war in the third dimension: e.g., Principles of War and Tenets of Air and Space Power. The students will also complete several writing and briefing assignments to meet Air Force communication skills requirements.

AFS 202. The Evolution of USAF Air and Space Power II (1) AS 202 is designed to examine general aspects of air and space power through a historical perspective, covering a time period from the Korean Conflict to the space-age systems of the Global War on Terror. Historical examples are provided to extrapolate the development of Air Force distinctive capabilities (core competencies) and missions (functions) to demonstrate the evolution of what has become today's USAF air and space power. Furthermore, the course examines several fundamental truths associated with war in the third dimension: e.g., Principles of War and Tenets of Air and Space Power. The students will also complete several writing and briefing assignments to meet Air Force communication skills requirements.

PROFESSIONAL OFFICER COURSE DESCRIPTIONS

Enrollment in the Professional Officer Course (POC) requires advanced selection and approval by the Professor of Air Force Studies (PAS). Applications are normally accepted during the year prior to POC enrollment. Cadets must be mentally and physically fit.

AFS 301. Air Force Leadership Studies I (3) AS 300 is a study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics and communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply leadership and management principles of this course.

AFS 302. Air Force Leadership Studies II (3) AS 300 is a study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics and communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply leadership and management principles of this course.

AFS 401. National Security Affairs and Preparation for Active Duty I (3) AS 400 examines the national security process, regional studies, advanced leadership ethics and Air Force doctrine.

Special topics of interest focus on the military as a profession, officership, military justice, civilian control of the military, preparation for active duty and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining communication skills.

AFS 402. National Security Affairs and Preparation for Active Duty II (3) AS 400 examines the national security process, regional studies, advanced leadership ethics and Air Force doctrine. Special topics of interest focus on the military as a profession, officership, military justice, civilian control of the military, preparation for active duty and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining communication skills.

AFS 494. Directed Study (1-3) Students will receive individual instructor guidance and prepare a formal report/research paper on some aspect of Air Force operations. Must have permission of the PAS.

Leadership Laboratory (No Academic Credit) There is a corequisite leadership lab for each course. The leadership lab is held once a week and provides Cadets with the opportunity to further develop their leadership and followership skills. Cadets must sign up for the leadership lab which corresponds with their AFS class.