Bachelor of Arts Degree

To qualify for a bachelor of arts degree, students must successfully complete a minimum of 120 credits (exclusive of physical education) including the general education requirements, the required courses in the major field, and such additional courses as they may select with the assistance of their faculty advisors to meet the requirements of the major.

General Education Requirements

The General Education requirements for graduation in the bachelor of arts degree programs are listed below. Specific guidance about the courses that are available to meet General Education requirements will be provided to students in advance of registration. Students are required to meet with their advisors in the selection of their courses.

I. GENERAL EDUCATION COURSES		**Credits**
A. FRESHMAN DEVELOPMENT SEMINAR (FDS)*		**0-1**
B. HUMANITIES		**33-36**
COM 119	Interpersonal Communication and Leadership	3
COM 120	Public Speaking	3
ENG 120	English Composition	3
ENG 201	Research and Applied Writing	3
ENG 261-262	World Literature I, II	6
HUM 115	Introduction to Humanities	3
PHI 200	Critical Thinking	3
Foreign Language	Three semesters of the same foreign language, one of which must be at the 200 level or above.	9-12
	TOTAL	**33-36**
C. MATHEMATICS		**6-8**
MAT 140	College Algebra with Applications	4
or MAT 143	Precalculus Algebra	
and one of the following:		
MAT 153/232/235	College Trigonometry/Calculus for Business and Social Sciences/Introductory Statistics with Applications	4
or		
For students with advanced preparation beyond the above levels, a minimum of six (6) credits of higher level mathematics courses		6-8
	TOTAL	**6-8**
D. NATURAL SCIENCES		**9-11**
SCI 100*	The Natural World: The Caribbean	3
and		
SCI 200	Changes in the Natural World	3

		Credits
SCI 301	Application of Principles from the Natural World	3
or		
Any two laboratory courses in the Natural Sciences		
	TOTAL	**9-11**
E. SOCIAL SCIENCES		**6-9**
SSC 100*	An Introduction to the Social Sciences: A Caribbean Focus	3
and		
Two other courses in the Social Sciences: Anthropology, Criminal Justice, Economics, Geography, History, Political Science, Psychology, Sociology		
	TOTAL	**6-9**
	TOTAL CREDITS	**51-63**

**Requirement of the Freshman Year Program for all students matriculating into the University with fewer than 24 credits.*

II. SUMMARY	**Credits**
Freshman Development Seminar	0-1
Humanities	33-36
Mathematics	6-8
Natural Sciences	6-9
Social Sciences	6-9
TOTAL	**51-63**

III. OTHER REQUIREMENTS

Students are required to take 0.5 credit hour in Physical Education for every semester they are full-time students up to the required two credit hours. PLS 200 may also be used to meet this requirement.

Also, students must earn at least 30 of the last 36 credits at the University of the Virgin Islands. This particular requirement may be waived by the Provost only in cases where the student must complete the final year(s) of studies in another institution recognized by the University of the Virgin Islands. Course work more than ten years old must be reviewed on a case-by-case basis to determine its appropriateness to the current University course requirements. Appeals should be directed to the Provost. In order to graduate, students must earn a minimum cumulative grade point average (GPA) of 2.00; this requirement is also applicable to courses required in their major.
Additionally, students must successfully pass the following examinations:

1. **ENGLISH PROFICIENCY EXAMINATION (EPE)**
2. **COMPUTER LITERACY EXAMINATION (CLE)**

Please review entry prerequisites for EPE and CLE on page 66.

Degree Majors and Programs – B.A. Degree

Students enrolling in the bachelor of arts degree programs may select as a major field of study one of the following:

SCHOOL OF BUSINESS

Accounting — Albert A. Sheen campus, St. Croix and St. Thomas campus
Business Administration — Albert A. Sheen campus, St. Croix and St. Thomas campus

SCHOOL OF EDUCATION*

Elementary Education — Albert A. Sheen campus, St. Croix and St. Thomas campus
Inclusive Early Childhood Education — Albert A. Sheen campus, St. Croix and St. Thomas campus
**Additionally, the University provides professional preparation for a career in secondary education through a balanced four-year offering of liberal arts and professional education courses.*

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Humanities
- **Communication — Albert A. Sheen campus, St. Croix and St. Thomas campus**
- **English — Albert A. Sheen campus, St. Croix and St. Thomas campus**
- **Humanities — Albert A. Sheen campus, St. Croix and St. Thomas campus**
- **Music Education — St. Thomas campus**
- **Speech Communication and Theatre — St. Thomas campus**

Social Sciences
- **Criminal Justice — Albert A. Sheen campus, St. Croix and St. Thomas campus**
- **Psychology — Albert A. Sheen campus, St. Croix and St. Thomas campus**
- **Social Sciences — St. Thomas campus**
- **Social Work — St. Thomas campus**

COLLEGE OF SCIENCE AND MATHEMATICS**

(St. Thomas campus only)
Biology
Chemistry
Marine Biology
Mathematics

*** This college also offers pre-medical technology programs. A student planning to attend a graduate school of medicine, dentistry or veterinary medicine will normally major in chemistry or biology at the University of the Virgin Islands.*

SCHOOL OF BUSINESS

Mission
The School of Business facilitates business education to a diverse population of students, with its major focus on the territory of the United States Virgin Islands and the Caribbean region, providing students with the skills to succeed in a global environment. We are dedicated to the cultivation of leadership, intellectual query and discovery, social responsibility and lifelong professional development and growth through excellent teaching, scholarship and responsive community service.

Program
The courses of study in the School of Business are designed to prepare the student to assume positions in middle and upper management in business and governmental organizations. The program has been constructed on the assumption that contemporary study in business administration must build upon a broad base of liberal education. The plan of study is intended to develop the students' capacity to make sound judgments in their eventual positions in management and administration and to endow them with the historical perspective necessary for an understanding of human values and motivations and the relationships between economic activity and society as a whole.

To achieve this objective, the program combines a number of required general business courses with the University of the Virgin Islands general education requirements. By taking these courses, the student can gain the required background of liberal education and general business knowledge. At the same time it also broadens a liberal education. This program provides additional study in a specialized area of business as well as practical business experience through a supervised work-study internship.

A Master of Business Administration degree is offered by the University. Undergraduates who wish to take graduate courses or who plan to matriculate in the graduate program after earning their undergraduate degree should meet with their advisors and consult the Graduate Bulletin.

Students in the School of Business pursuing a Bachelor of Arts degree with majors in Accounting or Business Administration are required to earn a minimum grade of "C" in all required courses in Business Administration and area of concentration.

The following tables summarize requirements for the majors in the School of Business.

Accounting Major

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits):		Credits
SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required courses in Business Administration:		Credits
ACC 201	Financial Accounting	3
ACC 202	Management Accounting	3
ACC 301	Intermediate Accounting I	3
ACC 302	Intermediate Accounting II	3

		Credits
ACC 315	Tax Accounting	3
ACC 440	Cost Accounting I	3
ACC 442	Auditing	3
ACC 443	Advanced Accounting	3
BUS 112	Introduction to Business	3
BUS 305	Business Communication	3
BUS 351	Business Law	3
BUS 436	Business Strategy	3
BUS 474	Professional Development Seminar	1
BUS 475*	Undergraduate Internship in Business	2
CIS 101	Business Software Applications	3
CIS 210	Business Information Systems	3
DSC 325	Statistics for Management Decisions	3
DSC 410	Quantitative Methods	3
DSC 430	Production/Operations Management	3
FIN 301	Fundamentals of Finance	3
MGT 301	Principles of Management	3
MGT 342	Human Resource Management	3
MKT 301	Principles of Marketing	3

**Under exceptional circumstances and on approval by the Dean, student work experience may qualify for waiver and such credits made up by an elective course. Written applications for waiver, along with supporting documents, must be made a semester in advance.*

C. An additional six credits of accounting electives are required 6

D. The following courses in related fields are required: Credits

ECO 221**	Introduction to Macro-Economics	3
ECO 222**	Introduction to Micro-Economics	3

***Partially fulfills the general education requirements in the Social Sciences*

E. The following Mathematics sequence is required: Credits

MAT 140 College Algebra with Applications *or* MAT 143 Precalculus Algebra	4
and MAT 232 Calculus for Business and Social Sciences	4

Business Administration Major

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits):

		Credits
SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required courses in Business Administration: Credits

ACC 201	Financial Accounting	3
ACC 202	Management Accounting	3
BUS 112	Introduction to Business	3
BUS 305	Business Communication	3
BUS 351	Business Law	3

		Credits
BUS 436	Business Strategy	3
BUS 474	Professional Development Seminar	1
BUS 475*	Undergraduate Internship in Business	2
CIS 101	Business Software Applications	3
CIS 210	Business Information Systems	3
DSC 325	Statistics for Management Decisions	3
DSC 410	Quantitative Methods	3
DSC 430	Production/Operations Management	3
FIN 301	Fundamentals of Finance	3
MGT 301	Principles of Management	3
MGT 342	Human Resource Management	3
MKT 301	Principles of Marketing	3

**Under exceptional circumstances and on approval by the Dean, student work experience may qualify for waiver and such credits made up by an elective course. Written applications for waiver, along with supporting documents, must be made a semester in advance.*

C. The following courses in related fields are required:		Credits
ECO 221**	Introduction to Macro-Economics	3
ECO 222**	Introduction to Micro-Economics	3

***Partially fulfills the general education requirements in the Social Sciences*

D. The following Mathematics sequence is required:	Credits
MAT 140 College Algebra with Applications *or* MAT 143 Precalculus Algebra	4
and MAT 232 Calculus for Business and Social Sciences	4

E. The student must choose any one of the following concentrations. It is anticipated that additional areas of concentration will become available in the future.

ACCOUNTING CONCENTRATION		Credits
ACC 301	Intermediate Accounting I	3
ACC 302	Intermediate Accounting II	3
ACC 315	Tax Accounting	3
ACC 440	Cost Accounting I	3

FINANCE CONCENTRATION*		Credits
FIN 323	Investment Analysis	3
FIN 324	Financial Markets and Institutions	3
FIN 425	Financial Policy and Strategy	3
BUS 499	Independent Study	3

(ECO 321 and 322 are strongly recommended.)

**Note - St. Thomas Campus only*

INFORMATION SYSTEMS CONCENTRATION		Credits
CIS 300 *or*	Program Design and Evaluation	3
IST 201	Introduction to Programming Logic	3
CIS 310 *or*	Advanced Business Software Applications	3
IST 305	Database Design and Implementation	3

		Credits
CIS 238 *or*	Introduction to COBOL Programming	3
CIS 357 *or*	Business Information Networks	3
IST 315	Data Communication and Network Management	3
CIS 410 *or*	Business Simulation and Modeling	3
IST 301	Systems Analysis and Design	3

MANAGEMENT CONCENTRATION		Credits
MGT 213	Small Business Management	3
MGT 410	Labor-Management Relations	3
MGT 429	Organizational Behavior	3
MGT 434	Public Policy toward Business	3

MARKETING CONCENTRATION*		Credits
MKT 334	Advertising and Promotional Strategy	3
MKT 416	Principles of Merchandising	3
MKT 422	International Marketing	3
MKT 426	Marketing Research	3

**Note - St. Thomas Campus only*

SCHOOL OF EDUCATION

Mission

The mission of the School of Education is to dedicate itself to the success of all students through its excellent teaching and to prepare competent and effective P-12 teachers and other school professionals, including school administrators and school counselors, to function in highly complex and diverse settings and to promote academic excellence and student success in order to build a better future for individuals in the territory, the wider Caribbean and the world.

It is part of the mission of the University of the Virgin Islands to prepare teachers of young children in early care and education settings and in the public schools who are competent both academically and professionally. Towards this end, the School of Education offers (i) a major in inclusive early childhood education, (ii) a major in elementary education, and (iii) preparation in secondary education for students majoring in other fields. Certification of teachers is a matter for the territorial education authorities. The University's education programs, however, prepare graduates to meet certification requirements for teaching in the Virgin Islands. (Although the foreign language requirement may be met by any foreign language, Spanish is strongly recommended for those who plan to teach in the Virgin Islands.)

Program

The program for elementary majors is designed to provide (a) broad preparation in the liberal arts, (b) concentrated study in one selected academic area, and c) professional preparation intended to produce highly effective teachers who can function successfully in a complex society — specifically the Virgin Islands — and to form a base for graduate study.

The inclusive early childhood education major is consistent with the University's liberal arts focus. In addition, the program is designed to provide students with a foundation of knowledge about child development in children from birth through age 8 years. Knowledge about atypical development and strategies to include children with developmental challenges are major components of this course of study. Students are prepared to become effective, professional teachers who value the collaborative relationships among and between schools, teachers, families, and therapists in a variety of disciplines in furthering children's development.

Preparation for secondary school teachers involves (i) satisfying general education requirements for the bachelor of arts degree and (ii) majoring in English, humanities, mathematics, science, or social sciences. Required professional courses are detailed below.

Admission to the elementary and secondary preparation, both of which begin with Education 250, is by written application. Admission to the inclusive early childhood education major is by written application, and begins with EDU 216. Prospective students are urged to apply at the beginning of their sophomore year. Admission can normally be secured by the second semester of the sophomore year.

In order to qualify for admission, students must meet the following criteria (a) to (e), and have earned a minimum grade of "C" in the courses listed in (a).

Students are required to:

(a) complete both the general education and education requirements in

Communication	(COM 119, COM 120)
English	(ENG 120, ENG 201)
Science	(SCI 100 and 200, *or* two semesters of Laboratory Science)

Mathematics	(MAT 140 or MAT 143 *and one of the following*: MAT 153, MAT 235, MAT 232) *and*
Education Courses	EDU 221 and EDU 230 (Elementary and Secondary Preparation) *or* EDU 108, 109, 113, 114 (Inclusive Early Childhood Education).

(b) maintain a cumulative grade point average of at least 2.33.

(c) pass the English Proficiency Exam.

(d) pass the Computer Literacy Exam.

(e) complete a pre-admission interview.

EDU 221 and EDU 230 are open to any student meeting the prerequisites. Non-education undergraduate majors may take education courses beyond these if they have satisfied the same general education and education requirements contained in section (a) above and have the required prerequisite(s) for the selected course. In addition, course work in the major area must be documented. Any person holding an earned baccalaureate degree from an accredited institution may enroll in education courses at the undergraduate level with the exception of student teaching. Students must demonstrate that they have met the prerequisite(s) for the selected courses by show of prior academic work.

Elementary education and inclusive early childhood education majors and persons seeking secondary preparation are required to earn a minimum grade of "C" in all required education courses, and pass the appropriate PRAXIS exam in order to be eligible for student teaching. (All education majors who intend to meet certification requirements for teaching in the United States Virgin Islands should complete HIS 342).

A Master of Arts degree in Education is offered at the University. Undergraduates who wish to take graduate courses or who plan to matriculate in the graduate program after earning their undergraduate degree should meet with their advisors and consult the Graduate Bulletin.

Elementary Education Major

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits):

		Credits
SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required general education requirements as stated on pp. 87-88.

C. Required Education courses:

		Credits
EDU 221	Foundations of Education	3
EDU 230	Educational Psychology	3
EDU 250	Curriculum Development and Instruction	3
EDU 257	Mathematics and the Elementary Teacher	5
EDU 302	Introduction to Special Education	3
EDU 350	Instructional Design and Technology	2
EDU 351	Classroom Management	2
EDU 353, 354	Teaching the Language Arts	3,4
EDU 360	Science and the Elementary Teacher	5
EDU 365	Teaching Social Studies in Elementary Schools	3
EDU 450	Measurement and Evaluation in Education	2

EDU 452	Student Teaching in the Elementary School	9

Note: PRAXIS 11 passing score is the prerequisite to EDU 452: Student Teaching in the Elementary School. All education courses required prior to student teaching. Minimum grade of C required in each course.

D. Required course(s) in Psychology: Credits

PSY 120	General Psychology	3

E. From one of the following areas a minimum of 18 credits are required, at least six of which must be at the 300 level or above. Courses taken to satisfy the general education requirements also count toward satisfaction of item E:

English Spanish Natural Science Mathematics Social Sciences

F. Successful completion of PRAXIS II prior to Student Teaching.

G. Required electives to meet 122 credits for graduation.

Inclusive Early Childhood Education Major

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits): Credits

SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required general education requirements as stated on pp. 87-88.

C. Required Education courses: Credits

EDU 108	Early Childhood Development I	3
EDU 109	Inclusive Early Childhood Environments I	3
EDU 113	Early Childhood Development II	3
EDU 114	Inclusive Early Childhood Environments II	3
EDU 214	Family and Community Relationships	3
EDU 215	Guiding Children's Early Behavior	3
EDU 216	Inclusive Early Childhood Curricula	3
EDU 217	Ethical and Legal Issues in Early Childhood Education	3
EDU 219	Promoting Language and Literacy in Early Childhood	3
EDU 221	Foundations of Education	3
EDU 302	Introduction to Exceptional Children	3
EDU 304	Teaching Reading and Literacy in IECE	3
EDU 305	Teaching Mathematics in IECE	3
EDU 306	Creative Arts and Expression in IECE	3
EDU 307	Teaching Science in IECE	3
EDU 308	Integrating and Adapting Curriculum across the Content Areas	3
EDU 350	Instructional Design and Technology	2
EDU 403	Assessment for Effective Teaching in IECE	3
EDU 406	Student Teaching in IECE	6
EDU 407	Seminar in Student Teaching in IECE	2

and one of the following Education electives:

EDU 404	Administration and Supervision of IECE	3
or		
EDU 405	Collaboration and Consultation in IECE	3

Note: PRAXIS 11 passing score is the prerequisite to EDU 406/407. All education courses required prior to student teaching. Minimum grade of C required in each course.

D. Required course in Psychology: Credits

PSY 120	General Psychology	3

E. Successful completion of PRAXIS II prior to Student Teaching.

Secondary Teacher Preparation

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits): Credits

SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. The general education requirements as stated on pp. 87-88.

C. Required Education courses: Credits

EDU 221	Foundations of Education	3
EDU 230	Educational Psychology	3
EDU 250	Curriculum Development and Instruction	3
EDU 302	Introduction to Special Education	3
EDU 350	Instructional Design and Technology	2
EDU 351	Classroom Management	2
EDU 450	Measurement and Evaluation in Education	2
EDU 469	Student Teaching in the Secondary School	6
EDU 497	Seminar in Secondary Teaching	2

Note: PRAXIS 1 passing score is the prerequisite to EDU 469/497. All education courses listed in D are required prior to student teaching. Minimum grade of C required in each course.

D. Required course in Psychology: Credits

PSY 120*	General Psychology	3

**Partially fulfills the general education requirements*

E. Successful completion of PRAXIS I prior to Student Teaching.

F. Requirements in the Major (see the School or College for specific details).

A Master of Arts degree in Education is offered at the University. Undergraduates who wish to take graduate courses or who plan to matriculate in the graduate program after earning their undergraduate degree should meet with their advisors and consult the Graduate Bulletin.

Out-of-State Students

The following applies to out-of-state students not regularly attending the University of the Virgin Islands:

1. **Eligibility**. Only students formally recommended by schools of education of accredited colleges and universities, or involved in an exchange arrangement that the University of the

Virgin Islands has approved with another college or university, will be eligible for acceptance for enrollment in EDU 452, EDU 469/497, EDU 406/407 (Student Teaching and Seminar). In approving any such requests, priority will be given to graduates of the Virgin Islands secondary school system enrolled in mainland colleges and universities.

2. **Acceptance**. Acceptance of any outside students will be on a "space-available" basis, with priority given to University of the Virgin Islands students.

3. **Status**. Outside students enrolled in EDU 452, EDU 469/497, EDU 406/407 may attend the University of the Virgin Islands on a part-time status only, unless special circumstances exist which warrant an exception. For example, an exchange relationship with another university may involve full-time students who, as part of their over-all program, will enroll in EDU 452, EDU 469/497, EDU 406/407. Exceptions may be made only by the Provost.

4. **Instruction and Credits.** All outside students taking EDU 452, EDU 469/497, EDU 406/407, must conform to University of the Virgin Islands policies regarding contact hours, supervision, credits, etc., which apply to University of the Virgin Islands students. No special arrangements can be made in this regard.

5. **Fee schedule**. Outside students will be required to pay a special fee of $470.00, plus tuition, to cover costs associated with their enrollment.

6. **Department of Education**. These policies have been approved by the Commissioner of Education. All students seeking admission into EDU 452, EDU 469/497, EDU 406/407 must receive the prior agreement of the Department of Education through the Office of School of Education's Field Experience and Clinical Practice to do their student teaching in the local public school system.

CERTIFICATE

Teaching English as a Second Language (TESL).
This certificate program consist of a series of methods courses which provide students with the body of professional and pedagogical knowledge, skills, and dispositions that prepare them to work effectively with learners in elementary and secondary classrooms, whose first language is not English. Additionally, these courses provide training in materials development, assessment and evaluation and cross cultural communication.

Enrollment in individual courses is open to anyone who meets the stated prerequisites. However, the certificate program is open only to a) seniors at the University of the Virgin Islands with a GPA of 2.33 or higher completing a teacher preparation program **or** b) in-service teachers holding at least a baccalaureate degree or equivalent from an accredited institution.

ESL COURSES		PREREQUISITE(S)	CREDITS
EDU 320	The Use of Computers in ESL Curriculum and Instruction		3
EDU 324	Second Language Acquisition		3
EDU 326	The Reading Process for Second Language Learners	EDU 324	3
EDU 330	Linguistics for ESL Teachers	EDU 326	3
EDU 335	Curriculum Development and Language learning in the ESL Classroom	EDU 330	3
EDU 340	Classroom-based Assessment for the ESL Classroom	EDU 335	3
		Total	**18**

Bachelor of Arts Degree

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Mission

The College of Liberal Arts and Social Sciences (CLASS) of the University of the Virgin Islands (UVI) seeks to produce students who are self-directed problem solvers, with the ability to apply critical thinking to the study of the various disciplines of the Liberal Arts and Social Sciences.

CLASS is dedicated to assisting students in attaining academic distinction and fulfilling careers through our programs, by stimulating them culturally, mentally and physically by means of our course offerings, campus events and study abroad programs. The College offers degrees in Communication, Criminal Justice, English, Humanities, Music Education, Psychology, Public Administration, Social Sciences, and Social Work. We are affiliated with universities on the US mainland which will afford students additional degree opportunities. The faculty of CLASS is steadfast in their commitment to students' progress, preparing them for their future studies and professional achievements. Graduates of CLASS are tomorrow's academicians, actors, attorneys, diplomats, economists and journalists. CLASS' graduates are prepared to make significant contributions to societies locally, regionally and globally.

Note: Humanities majors start below. Social Sciences majors start on page 109. The Caribbean Cultural Studies minor, Communication minor, English minor, Fine Arts minor, Political Science minor, Psychology minor, and Spanish minor start on page 117.

Humanities

Humanities studies are frequently divided into separate disciplines. All, however, involve or are concerned with the imaginative and reflective experience of human beings and their communication with others. Here at the University of the Virgin Islands, these humane studies are collectively referred to as "the humanities," and they are housed within the College of Liberal Arts and Social Sciences. An education in the humanities provides a sound basis for careers in many fields. These fields include, but are not limited to, teaching, business and government administration, radio, print and visual media, public relations, and other areas which involve writing, editing, translating, and the performing arts.

In the Humanities, the University offers courses in Art, Communication, English, French, Spanish, Journalism, Music, Philosophy, Speech and Theatre. It offers majors in Communication, English, Music Education, Humanities, and Speech Communication and Theatre. The English and Music Education majors are the more traditional programs; the Humanities major affords an unusual degree of individual flexibility and range, while demanding some of the initiative and discipline associated with graduate study. Students can focus on Journalism via the Communication, English or Humanities major. The Speech Communication and Theatre major is a versatile degree which prepares students for advanced studies not only in Speech and Theatre, but for any areas in which the ability to communicate effectively is an asset.

Students planning to teach in a secondary school must satisfy the secondary education requirements in the School of Education as well as the requirements of the school or college in which they major.

Students intending to pursue graduate work in one of the humanities need not concentrate their undergraduate studies in the same field. In some instances it is possible, in a few it may be preferable, that they place emphasis on another of the humanities or on one of the social sciences. In all cases, however, the students should consult graduate catalogs to determine minimum requirements for admission to the program in which they are interested. The following lists the required courses in the majors in the humanities.

Communication Major

In addition to the general education requirements (see pp. 87-88), which include COM 119 Interpersonal Communication and COM 120 Public Speaking, the following courses are required:

A. Required courses in Freshmen Studies (required for anyone admitted into the program with fewer than 24 credits):

		Credits
SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences:A Caribbean Focus	3
FDS 100	Freshmen Development Seminar	1

B. Required courses in Communication (15 credits):

		Credits
COM 110	Introduction to Communication	3
COM 225	Intercultural Communications	3
COM 308	Newswriting for Mass Media I	3
COM 360	Communication Theory	3
COM 402	Mass Communication Law and Ethics	3

C. A minimum of 21 credits from the following Communication skills courses:

		Credits
Broadcasting		
COM 205	Broadcasting I	3
COM 211, 212, 213, 214	Radio Production	3,3,3,3
COM 340	Broadcasting II	4
COM 352	Mass Media Research	3
Computer Mediated Communication		
COM 230	Computer Mediated Communication I	3
COM 325	Web Publishing	4
COM 430	Computer Mediated Communication II	3
COM 435	Digital Entrepreneurship	3
Journalism		
COM 200	Journalism Workshop	1-8
COM 310	Newswriting for Mass Media II	3
COM 312	Feature Writing	3
COM 315	Intro to Public Relations	3
COM 325	Visual Communication	3
COM 350	Public Relations Campaigns	3
Speech Track		
COM 221	Oral Interpretation of Literature	3
COM 227	Voice and Diction	3
COM 401	Argumentation and Debate	3
COM 403	Rhetorical Criticism	3
ENG 343	Language Theory	3
Theater		
THE 110	Introduction to Theater	3
THE 211-212-213-214	Theater Production (up to 2 credits)	1,1
THE 323	Basic Acting	3
Plus two electives in Theater up to 6 credits.		6

Visual Arts		Credits
ART 117	Design	3
ART 125	Survey of World Art	3
ART 126	Selected Problems	3
ART 128	Drawing I	3
ART Elective		3

D. 3 credits from the following courses: Credits

COM 465,466	Selected Topics	3
COM 475	Directed Studies	3
COM 499	Independent Study	3

E. Internship requirement: Credits

COM 404	Professional Internship in Mass Communications	3

F. Humanities senior seminar requirement (2 credits): Credits

HUM 497-498	Senior Seminar	1-1

Students in Communication may elect to do a writing/broadcast/communication research or production project under supervision for their senior seminar.

G. Recommended electives: Credits

COM 223	Conference Techniques	3
COM 221	Oral Interpretation of Literature	3
COM 227	Voice and Diction	3
COM 302	American/Caribbean Journalism	3
BUS 305	Business Communication (COM 120, ENG 201 prerequisite)	3
MKT 301	Principles of Marketing (BUS 112 prerequisite)	3
MKT 334	Advertising and Promotional Strategy (MKT 301 prerequisite)	3
CSC 119	Computer Graphic Applications	1
THE 413	Theatre Criticism	3

English Major

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits): Credits

SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required courses in English/Communication: Credits

COM 119	Interpersonal Communication and Leadership Skills	3
COM 120	Public Speaking	3
ENG 120	English Composition	3
ENG 201	Research and Applied Writing	3
ENG 261-262	World Literature	3-3
ENG 321,322	British Literature	3,3

		Credits
ENG 361	American Literature	3
ENG 362	Major American Writing	3
ENG 363	Black American Literature	3
ENG 371 *or* 372	Caribbean Literature I or II	3
ENG 343 *or* 345	Language Theory or History of the English Language	3
ENG 344	Advanced Writing	3
ENG 415	Literary Criticism	3

C. One of the following three courses: Credits

ENG 431	Major American Author	3
ENG 432	Major British Author	3
ENG 433	Major Caribbean Author	3

D. Four additional electives in English at the 300-level or above 12

E. HUM 497-498 Senior Humanities Seminar 1-1

CONCENTRATIONS WITHIN THE ENGLISH MAJOR

Using the four required electives in the English major, students may elect to concentrate their studies in a particular area. At the present time concentrations are offered in (1) Literature of the African Diaspora, in (2) Creative Writing and in (3) Journalism. Other concentrations may be offered in the future. Students may also design their own concentrations under the guidance of their advisors, or they may choose to take an assortment of English electives.

Concentration in the Literature of the African Diaspora

Using the four required electives in the English major, students may elect a concentration in Literature of the African Diaspora. To concentrate in this area, students should:

1. Complete required courses in the English major, choosing ENG 433, Major Caribbean Author.

2. Complete the following electives in the English major: Credits

ENG 371 *or* 372	Caribbean Literature I or II*	3
ENG 381	Modern African Literature	3
ENG 421	Oral Traditional Literature of Africa	3
ENG 423	Women's Literature of the African Diaspora	3

Each of these courses will be offered at least once every two years, so that students will have the opportunity to complete the concentration in a timely manner after finishing their General Education requirements.

**Whichever course has not been taken previously to fulfill English major requirements*

Concentration in Creative Writing

Using the four required electives in the English major, students may elect a concentration in Creative Writing. English majors electing to concentrate in Creative Writing should complete the following courses: Credits

ENG 301	Introduction to Creative Writing	3

ENG 302	Intermediate Fiction Writing	3
ENG 303	Intermediate Verse Writing	3
ENG 401	Advanced Creative Writing	3

Each of these courses will be offered at least once every two years, so that students will have the opportunity to complete the concentration in a timely manner after finishing their General Education requirements.

Students concentrating in Creative Writing may elect to complete a creative project rather than a research project in HUM 497-498, Senior Humanities Seminar, under the direction and guidance of a faculty advisor in creative writing.

Concentration in Journalism

For a concentration in English, students must take a minimum of 12 credit hours in a particular area. Students who wish to concentrate on journalism in English will take the following:

		Credits
ENG 308	Newswriting for Mass Media I	3
ENG 310	Newswriting for Mass Media II	3

They will then choose from the following to round out the concentration: Credits

ENG 312	Feature Writing	3
ENG 324	Desktop Publishing	4
ENG 404	Professional Internship in Journalism/Writing and Publishing	1-3 (up to 3)

Students who wish to make regular contributions to the UVI VOICE student newspaper can take as an elective ENG 200 Journalism Workshop, 1 credit repeatable to 8 total credits.

Students in the English Journalism concentration may also elect to do an advanced journalism/writing/publishing project for their Hum 497-498 Senior Humanities Seminar, under the direction and guidance of a faculty member in journalism.

Humanities Major

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits): Credits

SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Primary area of emphasis (no fewer than 9 credits at the 300-400 level) 18

C. Secondary area of emphasis 15

D. Additional courses in the Humanities 12

At the present time, journalism or a combination of communication/theatre courses may be selected as primary areas of emphasis. For the secondary field of emphasis, art, English, French, music, Spanish or a combination of speech communication/theatre courses may be pursued. Courses in the humanities taken to satisfy the general education requirements for the bachelor's degree may be counted toward the requirements for a Humanities major with following exceptions:

		Credits
COM 119	Interpersonal Communication and Leadership Skills	3
COM 120	Public Speaking	3
ENG 120	English Composition	3
ENG 201	Research and Applied Writing	3
	Foreign language (one year)	8
ENG 261 *or* 262	Literature (one semester)	3

E. The following courses are required:		Credits
HUM 497-498	Senior Humanities Seminar	1-1

Music Education Major

Objectives
The objectives of the music program are to: 1) train students for professional careers as teachers and performers; 2) prepare students for graduate study; 3) provide opportunities for students in other academic areas to study music for cultural and professional values; and 4) enrich the music experiences of the University and community.

Mission
The Mission of the Department of Music is to encourage academic excellence through the development of academic curiosity, and skill, as they relate to the discipline of music. Instructors of the Music Education Degree program are committed to the tenets of higher education that embrace and share active learning principles capable of creating lifelong learners and thinkers. Students will be able to function creatively and imaginatively with the ability to excite and educate Virgin Islanders, students of the wider Caribbean, and students of the global community, through outstanding teaching of music and the arts.

The University of the Virgin Islands is a learner-centered institution dedicated to the success of its students. As such, Music Department programs provide excellent and diligent teaching that instills personal and academic values through a professional commitment toward academic excellence at all levels of teaching and learning. Students of the Music Department are provided the opportunity to gain a Bachelor of Arts in Music Education, a Music Industry Certificate in either Audio Engineering or Music Business, and may participate in the Fine Arts Minor. While the Music major and Fine Arts Minor are housed on the St. Thomas campus, Music Industry courses are offered across campuses. An additional Bachelor of Arts in Performance will be added to curricula offerings in the near future. Members of the University community and community at large may register to participate in any number of studio lessons, performance ensembles, and other program offerings.

The Music Department trains students for professional careers as teachers and performers; prepares students for graduate study; provides opportunities for students in other academic areas to study music for cultural and professional values; and enriches the music experiences of the University community.

Admission
Students interested in the Music Education degree program at the University of the Virgin Islands currently enroll with a commitment to pursue the Bachelor of Arts Degree in Music Education. The university is a four-year institution that provides every opportunity for students to graduate in a timely fashion and enter the workforce environment prepared, engaged, and equipped with a commitment toward lifelong learning and community engagement through the arts, especially.

Bachelor of Arts Degree

Students of the University of the Virgin Islands and Music Education majors are high school graduates that have successfully completed university entrance requirements and those of the Music Department. University entrance criteria are articulated in the UVI catalog. Students entering the Music Education degree program must successfully complete a music theory placement exam or, if necessary, enroll in the Introduction to Music Theory course (Music 124). Interested parties are required to schedule an entrance audition.

Please note, Music Education majors cannot register for MUS 124, Introduction to Music, as a Humanities general education requirement.

Auditions
Auditions will be held in March for a Fall matriculation.
Auditions will be held in December for a Spring matriculation.
Entrance exams require the following:

a. Scales (major and minor)
b. Arpeggios (major and minor)
c. Two (2) distinct stylistic selections
d. Sight-reading

Auditions last at least fifteen (15) minutes. Students who fail the audition may enter the program under a probationary period of one (1) semester of study on the applied instrument. The second audition occurs during the end of semester Jury. Failure to successfully complete the second entrance exam will require the student to identify another major.

Students unable to attend an on island audition may submit audition requirements via a jump drive or DVD recording.

Music Theory Placement Exam
Entrance exams include a written music theory portion. The exam will assess the student's knowledge of basic theoretical principles and practices. Students will need to exhibit proficiency with the following:

Scales
Key Signatures
Clef reading

The unsuccessful candidate will need to enroll in Introduction to Music (MUS 124).

If a student enters outside of the scheduled entrance examination period, the entrance audition and theory placement exam is also given just before the beginning of the semester.

General Requirements

Recitals: Music Education majors and all students enrolled in Applied Music are required to perform in at least two recitals per semester and provide other musical services for the University as recommended by Applied Music instructors. Suitable performance attire is required.

Examinations: The final examination for Senior Research Seminar MUS 497 is the presentation of the Abstract and supporting segments of the proposed Senior Recital program.

The final examination for Senior Research Seminar MUS 498 is the presentation of the research paper and Senior Recital program within an open forum.

Ensemble Participation: Music Education majors enrolled as full-time students are required to perform in at least one ensemble each semester of full-time enrollment. Students concen-

trating in piano and voice must enroll in MUS 242. Students concentrating in instrumental studies must enroll in either MUS 132 or MUS 133.

Music Organizations: Assignments to music organizations are made on the basis of audition or approval of the conductor.

Music Education majors are required to earn a minimum grade of "C" in all required Music Education courses.

Program details

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits):

		Credits
SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required courses in Music:

		Credits
MUS 103-104	Music Theory	3-3
MUS 161-162	Applied Music	2-2
MUS 173-174	Secondary Piano	1-1
or		
MUS 175-176	Secondary Voice	1-1
MUS 201-202	Music Theory	3-3
MUS 206-207	Music History and Literature	3-3
MUS 261-262	Applied Music	2-2
MUS 273-274	Secondary Piano	1-1
or		
MUS 275-276	Secondary Voice	1-1
MUS 301	Counterpoint	2
MUS 302	Form and Analysis	2
MUS 361-362	Applied Music	2-2
MUS 401	Orchestration and Arranging	3
MUS 497-498	Applied Music	3-3
MUS 132, 133		
or		
MUS 242	Ensemble (eight semesters)	8

C. Required courses in Music Education/Education:

		Credits
EDU 221	Foundations of Education	3
MUE 311	Conducting Techniques	3
MUE 312	Teaching Music in the Elementary School	3
MUE 321	Brass and Percussion Methods	2
MUE 322	Woodwind Methods	2
MUE 411	Teaching Music in Secondary Schools	3
MUE 412	Student Teaching and Seminar in Music	6

D. Required courses in other fields:

		Credits
PSY 120	General Psychology	3
PSY 202	Life Span Development	3

E. The following are strongly recommended for voice majors: Credits

FRE 131-132	Functional Elementary French I-II	4-4
FRE 231	Intermediate French	4

F. Students are required to satisfy the University's general education requirements for the bachelor of arts degree. Courses listed under D. and E. count toward satisfaction of these requirements.

Speech Communication and Theatre Major

Speech Communication and Theatre is a versatile major which prepares students for advanced studies in either speech communication, theatre or any related areas in which the ability to communicate effectively is a major asset. This could include areas such as religion, politics, advertising, mass communication and law, to mention a few. Graduates should be able to compete for employment in any occupation requiring effective communication abilities such as group dynamics and reasoning skills, interpersonal and intercultural process knowledge, active listening, improved perception, assertiveness and related verbal and nonverbal awareness.

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits): Credits

SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required courses in Speech: Credits

COM 119	Interpersonal Communication and Leadership Skills	3
COM 120	Public Speaking	3
COM 225	Intercultural Communication	3

C. Required courses in Theatre: Credits

THE 110	Introduction to Theatre	3
THE 210	Theatre Service	4
THE 211-212-213-214	Theatre Production	1-1-1-1

Students are required to participate (in an acting, directing, or technical position) in a minimum of two main stage productions for a maximum of 4 credits.

D. Cross-over Speech and Theatre courses. Two of the following courses are required: Credits

THE 220	Stage Movement	3
COM 227	Voice and Diction	3
THE 325	Readers Theatre	3

E. Performance courses in Speech. Two of the following courses are required: Credits

COM 221	Oral Interpretation	3
COM 223	Conference Techniques	3
COM 401	Argumentation and Debate	3

F. History and criticism courses. Two of the following courses are required:		Credits
THE 315	Caribbean Theatre	3
COM 403	Rhetorical Criticism	3
THE 413	Theatre Criticism	3

G. Theatre performance courses. The following courses are required:		Credits
THE 312	Directing Stage Production	3
THE 323	Basic Acting	3

H. Technical and design Courses. Any one of the following Credits courses is required:		Crediits
THE 412	Design and Stage Lighting	3
THE 415	Theatre Management	3

I. Required courses in other areas:		Credits
ENG 343	Language Theory	3
COM 110	Introduction to Communication	3
Major Credits		68-70
Electives		+9
General Education (fulfilled in major credits)		64-70

J. The following courses are required:		Credits
HUM 497-498	Senior Humanities Seminar	1-1

Social Sciences

The College of Liberal Arts and Social Sciences offers social science majors in Criminal Justice, Psychology, Social Sciences and Social Work. While the social sciences are divided into a number of fields — each with its own theories, terminology and professional history — they have in common the use of the scientific method to study and interpret human behavior.

The overall objective of the Psychology major is to assist in meeting the increasing manpower needs of the Caribbean in two critical and expanding occupational areas — the delivery of human services and the development, exchange and processing of information. The specific objectives of the major are two-fold. The first is to provide the appropriate curriculum and the critical skills that will enable psychology graduates to qualify for entry-level professional positions in human services and informational services such as research and the management and analysis of data. The second is to provide the program's participants with a multicultural perspective on human perception, thinking and behavior along with the conceptual and practical skills needed to work effectively in multicultural settings. A comprehensive program provides a solid foundation in the fundamental principles of psychology as well as an insight into the practical work involved in being a psychologist.

The Social Sciences major is an interdisciplinary one, allowing the students to select courses in all of the major disciplines of the social sciences, namely anthropology, economics, geography, history, political science, psychology and sociology.

Students may select the Social Sciences major as preparation for teaching the social sciences at the secondary or college level; as preparation for law school or graduate study in one of the social sciences, public administration, diplomacy or international relations; and/or as preparation for employment in governmental or private sector professions that do not necessarily require graduate study.

The students interested in teaching the social sciences at the secondary school level should major in Social Sciences and also satisfy the secondary education requirements of the School of Education. College teaching in the social sciences requires at least a master's degree, but a Ph.D. is preferred.

Students who intend to do graduate work in one of the social sciences should take as many courses as possible in the area they intend to pursue in graduate school. However, electives in other social sciences, the humanities, sciences or mathematics are strongly encouraged depending upon the specialization one intends to pursue in graduate school. In planning for graduate work, students should consult with their advisor and investigate minimum requirements for admission to the graduate school of their choice. They can then plan to meet these requirements while at the same time expanding their knowledge in other fields. University graduates may enter law school from any undergraduate field of concentration. However, familiarity with the basic concepts of economics, history, political science, psychology, and sociology is desirable.

The Social Work major prepares baccalaureate level social work professional practitioners to meet the social work manpower needs in the U.S. Virgin Islands and the Caribbean as a whole. The aim of the curriculum is to prepare graduates who are social work generalists. The curriculum is also designed to enable graduates to enter graduate schools of social work at an advanced level.

Criminal Justice Major

The BA in Criminal Justice prepares students for the many careers in criminal justice and law enforcement and lays the academic foundation for post graduate education and law school. This program covers the study of law enforcement and security procedures, courts and corrections, and criminal justice theory. This degree will teach students the functions of criminal justice organizations and law enforcement procedures. Upon graduation, a student will have the knowledge necessary to begin a rewarding career in the field. This program is also designed to qualify those students who are already in the criminal justice and law enforcement fields for promotion to advanced positions. Students should seek advisement from the Criminal Justice advisor to plan their career path and select appropriate electives and substitutions where available in the paradigm.

Admission to the Criminal Justice Major

- Achieved a cumulative GPA of 2.33 or higher following the completion of 52 credits of which 30 credit hours must have been taken at UVI
- Earned a grade of C+ or better in CJU 110
- Complete an application
- Complete a pre-admission interview

Other Requirements

Students pursuing an AAS, BA or BS in Criminal Justice are required to earn a minimum grade of C in all required courses in criminal justice, except for CJU 250 Criminal Justice Internship in which students must earn a minimum grade of B.

Students declaring this major must meet the following requirements before taking any CJU courses:

1. completion of WAC and RAC or received a passing grade on the placement exam(s) for entrance into ENG 120
2. completion of MAT 023 and MAT 024 or received a passing grade on the placement exam(s) for entrance into MAT 140, MAT 143 or MAT 153

Requirements for Criminal Justice Majors

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits): Credits

SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences:A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. The general education requirements (see pp. 87-88).

C. Required courses in Social Sciences Credits

HIS 341	Caribbean History	3
or		
HIS 342	History of the Virgin Islands	3
CJU 110	Introduction to Criminal Justice	3
CJU 205	Administration of Justice	3
CJU 207	Criminal Law	3
CJU 240	Constitutional Law	3
CJU 250	Criminal Justice Internship	3
CJU 325	Police Organization and Administration	3
CJU/POL 321	Contemporary Corrections	3
CJU 401	Criminal Justice Research Methods and Analysis	4
CJU 432	Criminal Procedure and Evidence	3
POL 120	Introduction to Political Science	3
POL 129	Introduction to Public Administration	3
PSY 120	General Psychology	3
SOC 121	Introduction to Sociology	3
SOC 333/CJU333	Criminology	3
SSC 327-328	Quantitative Research Methods in the Social Sciences	4-4
SSC 497-498	Social Sciences Senior Seminar	1-1

D. Required Courses in other Fields:(These courses also count toward satisfaction of B above.) Credits

MAT 140	College Algebra with Applications	4
MAT 235	Introduction to Statistics with Applications	4

E. For the nine credits of electives, students in the BA in Criminal Justice will choose a minimum of 6 credits at the three hundred level or above from among the following:

- Anthropology
- Business Administration
- Criminal Justice
- Political Science
- Psychology
- Sociology
- Social Work
- Social Science

Psychology Major

Three concentrations are offered:

1). *An academic concentration in Psychology* offering a comprehensive foundation in the fundamental principles of psychology, with broad introduction to and a multicultural perspective on normal and abnormal human development, cognition, and behavior. This concentration should be selected by persons interested either in continuing on to graduate study in clinical, counseling, developmental, neuropsychology, health or experimental psychology, or in obtaining entry-level professional positions in the workplace after graduation with a B.A. degree, in roles such as information management or administrative positions which will require skills in research and the management and analysis of data.

2). *A cross-disciplinary academic concentration in Social Relations*, with an emphasis on the analysis of social institutions and social problems across cultures. Students with this concentration may be interested in graduate study in areas other than psychology, such as sociology, criminology or law school, or in obtaining entry-level positions in the workplace after graduation with a B.A. degree in administrative or information management roles.

3). *An applied concentration in Human Services* (currently in suspension), with a cross-disciplinary focus on human and social problems, and methods of intervention. This concentration should be chosen by students interested in graduate study in Social Work, or in obtaining entry-level positions in human and social service institutions in the U.S. Virgin Islands and the wider Caribbean, in order to provide direct social services to individuals, groups and families under appropriate professional supervision. It should be understood that this concentration does not qualify the student to provide direct social or counseling services independently of supervision. In order to progress in this concentration students must achieve a minimum grade of C (2.0) in the Introduction to Human Services and Field Placement and Seminar courses taken concurrently. Students who fail to achieve these grades may repeat the courses once for credit, or switch to another concentration in Psychology.

Requirements for all Majors

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits): Credits

SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. The general education requirements (see pp. 87-88). 64 - 70 credits

C. Required courses in Psychology, Sociology, Social Science and Psychology: Credits

PSY 120	General Psychology	3
SOC 121	Introduction to Sociology	3
PSY 202	Life Span Development	3
PSY 203	Introduction to Personality	3
PSY 240	Biopsychology*	4
PSY 308	Helping Skills	3
SSC 327-328	Quantitative Research Methods in the Social Sciences	4-4
PSY 440	Applied Research Methods	3
PSY 496	Practicum in Psychology	3
SSC 497-498	Social Sciences Senior Seminar	1-1

**Partially fulfills the general education requirements in Natural Sciences.*

D. Required courses in other fields:		Credits
MAT 140	College Algebra With Applications	4
MAT 235	Introductory Statistics with Applications	4

Psychology Concentration

E. The student must choose 12 credits from the following Psychology courses:		Credits
PSY 223	Social Psychology	3
PSY 301	History and Systems of Psychology	3
PSY 302	Culture and Behavior	3
PSY 304	Cognitive Psychology	3
PSY 310	Introduction to Racial and Ethnic Health Disparities in Health Care	3
PSY 312	Psychology of Learning	3
PSY 327	Psychology of Women	3
PSY 332	Industrial/Organizational Psychology	3
PSY 340	Behavioral Neurosciences	3
PSY 345	Introduction to Forensic Science	3
PSY 348	Sensation and Perception	3
PSY 349	Forensic Psychology	3

F. The student must choose 12 credits from the following Psychology courses:		Credits
PSY 241	Social Determinants of Health and Disease	3
PSY 315	Human Sexuality	3
PSY 321	Child Development	3
PSY 322	Adult Development	3
PSY 323	Psychology of the Exceptional Child and Adolescent	3
PSY 325	Adolescent Development	3
PSY 350	Drugs, Behavior, and Society	3
PSY 432	Psychology of Personality	3
PSY 433	Introduction to Counseling and Psychotherapy	3
PSY 434	Abnormal Psychology	3
PSY 435	Tests and Measurements	3
PSY 465, 466	Selected Topics in Psychology	3,3

Social Relations Concentration

E. The student must choose 12 credits from the following Psychology and Sociology courses:		Credits
PSY 223	Social Psychology	3
PSY 302	Culture and Behavior	3
PSY 327	Psychology of Women	3
PSY 332	Industrial/Organizational Psychology	3
PSY 340	Behavioral Neurosciences	3
PSY 345	Introduction to Forensic Science	3
PSY 348	Sensation and Perception	3
PSY 349	Forensic Psychology	3
SOC 124	Social Problems	3
SOC 224	Introduction to Social Welfare	3
SOC 236	Marriage and the Family	3

F. The student must choose 12 credits from the following Anthropology, Sociology and Psychology courses: Credits

ANT 225	Introduction to Cultural and Physical Anthropology	3
SOC 241	Social Determinants of Health and Disease	3
SOC 257, 258	The Black Experience in the New World	3,3
		Credits
SOC 332	Comparative Institutions	3
SOC 333	Criminology	3
SOC 335	Contemporary Issues in Social Gerontology	3
SOC 345	Race and Ethnic Relations	3
SOC 381	Contemporary Caribbean Society	3
PSY 465, 466	Selected Topics in Psychology	3,3

Human Services Concentration (currently in suspension)

Social Sciences Major

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits): Credits

SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. The general education requirements (see pp. 87-88).

C. Required courses in Social Sciences: Credits

ANT 225	Introduction to Cultural and Physical Anthropology	3
ECO 221	Introduction to Macro-Economics	3
GOG 121	Physical Geography	3
HIS 181,182	World Civilization	3,3
HIS 320	History of the United States	3
HIS 341	Caribbean History	3
HIS 342**	History of the Virgin Islands	3
POL 120	Introduction to Political Science	3
POL 351	Comparative Government	3
or		
POL 352	International Politics	3
PSY 120	General Psychology	3
SOC 121	Introduction to Sociology	3
SOC 241	Social Determinants of Health and Disease	3
SSC 327-328	Quantitative Research Methods in the Social Sciences	4-4
SSC 497-498	Social Sciences Senior Seminar	1-1

***Students who do not plan to teach in the U.S. Virgin Islands may substitute a course in E below.*

D. The required courses for Secondary Teacher Preparation 21

or

E. Students who are preparing for law school; graduate study in social sciences, public administration, diplomacy or international relations; or for employment in governmental or private sector professions not requiring graduate study should choose four (4) of the following courses:

		Credits
CAR 465	Caribbean Studies: Selected Topics	3
ECO 222	Introduction to Micro-Economics	3
HIS 330	United States-Caribbean Relations	3
POL 151	American Government	3
POL 340	Caribbean Government and Politics	3
POL 351	Comparative Government	3
POL 352	International Politics	3
PSY 223	Social Psychology	3
SOC 124	Social Problems	3
SOC 300	Sociological Theory	3
SOC 345	Race and Ethnic Relations	3
SOC 381	Contemporary Caribbean Society	3

F. Required Courses in other Fields: Credits

(These courses also count toward satisfaction of B above.)

MAT 140	College Algebra with Applications	4
MAT 235	Introduction to Statistics with Applications	4

Social Work Major

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits): Credits

SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. The general education requirements (see pp. 87-88).

C. The following courses in Social Work are required: Credits

SWK 224	Introduction to Social Welfare	3
SWK 325	Social Welfare as a Social Institution	3
SWK 331	Social Work Methods I	3
SWK 334A-334B	Human Behavior and Social Environment	3-3
SWK 425	Social Work Methods II	3
SWK 426	Social Work Methods III	3
SWK 427	Field Instruction I and Field Seminar	6
SWK 428	Field Instruction II and Field Seminar	6
SWK 430	Social Welfare: Policies, Programs, Issues	3

D. The following courses in the Social Sciences are required: Credits

ECO 221	Introduction to Macro-Economics	3
ECO 222	Introduction to Micro-Economics	3
HIS 181,182	World Civilizations	3,3
PSY 120	Introductory Psychology	3
PSY 240	Biopsychology*	4
SSC 327-328	Quantitative Research Methods in the Social Sciences	4-4
SSC 497-498	Social Sciences Senior Seminar	1-1
SOC 121	Introduction to Sociology	3

E. The student must choose three to nine credits from among the following

Social Sciences courses:		Credits
PSY 432	Psychology of Personality	3
POL151-152	American Government	3-3
PSY 223	Social Psychology	3
		Credits
SWK 465, 466	Selected Topics	3,3
SOC 236	Marriage and the Family	3
SOC 257, 258	The Black Experience in the New World	3,3
SOC 345	Race and Ethnic Relations	3
SOC 381	Contemporary Caribbean Society	3

F. Required Courses in Other Fields:		Credits
MAT 140	College Algebra With Applications	4
or MAT 235	Introductory Statistics with Applications	4

* Partially fulfills General Education Science requirement.

MINORS

Caribbean Cultural Studies Minor

The Caribbean Cultural Studies minor allows students to convert an interest in the diverse heritage from which the Caribbean identity is forged into a recognized part of their university degrees. Students will acquire valuable interdisciplinary skills and a renewed appreciation of Caribbean culture, as well as some preparation to meet the increasing demand for international studies or Caribbean cultural ambassadorships. In addition to the required five core courses, students will complete (with a grade of C or higher) three additional elective courses from the list below, for a total of 24 credits.

A. **Caribbean Cultural Studies**		**PREREQUISITE(S)**	**CREDITS**
GOG 232	Geography of the Caribbean		3
HIS 341	Caribbean History		3
ENG 371	Caribbean Literature I	ENG 261-262	3
HUM 115	Introductions to Humanities	COM 120, ENG 120	3
COM 225	Intercultural Communication	COM 119	3

B. And nine additional credits chosen from the following

ANT 225	Introduction to Cultural and Physical Anthropology		3
ANT 257	The Black Experience in the New World	SOC 256	3
ENG 372	Caribbean Literature II	ENG 261-262,ENG 371	3
ECO 461	Caribbean Economic Problems	ECO 221-222	3
HIS 261	Introduction to History of Carnival and Caribbean Culture	SSC 100 (or other SSC intro course)	3
HIS 330	United States-Caribbean Relations		3
HIS 342	History of the Virgin Islands		3
HIS 350	Latin America since Independence		3
MUS 363	World Music		3
POL 340	Caribbean Government and Politics	POL 121	3
PSY 302	Culture and Behavior	PSY 120, PSY 202	3
SWK 310	Intro to Racial and Ethnic Health Disparities in Health Care	ENG 201	3
SWK 430	Social Welfare: Policies, Programs, Issues	SOC 121	3
SOC 381	Contemporary Caribbean Society	SOC 121	2
MSC 111	Open Water Scientific Diving	(Must have Math & Science Dean's approval if non-science major before registration)	1

Communication Minor

The Communication minor affords students the opportunity to learn about Communication as an enhancement to their chosen major through the use of various media, including print, video, audio and the internet, or to develop their independent interests in this area. In addition to the General Education and COM 110 prerequisites, students must complete (with a grade of C or higher) 18 to 24 credits from any of the following Communication and/or Theatre courses, including at least two 300-level or higher courses.

COMMUNICATION		PREREQUISITE(S)	CREDITS
COM 205	Broadcast Communication I		4
COM 221	Oral Interpretation of Literature	COM 119	3
COM 225	Intercultural Communication	COM 119	3
COM 227	Voice and Diction		3
COM 230	Computer-Mediated Communication I	COM 110	3
COM 308	Newswriting I	C grade (min) in ENG 201	3
COM 310	Newswriting II/Editing	COM/ENG 308	3
COM 312	Feature Writing	COM/ENG 308	3
COM 315	Introduction to Public Relations	COM/ENG 308	3
COM 324	Desktop Publishing	COM/ENG 308	4
COM 325	Web Publishing	COM 230	4
COM 340	Broadcast Communication II	COM 230	3
COM 360	Communication Theory	COM 110, 225 & 230	3
COM 402	Mass Communication Law and Ethics	COM 110	3
COM 403	Rhetorical Criticism	PHI 200	3
COM 430	Computer-Mediated Communication II	COM 230	3
COM 465,466	Selected Topics	TBA	3,3
COM 475	Directed Studies	Five COM courses	1-3
COM 499	Independent Study	See Course Description	3

THEATRE			
THE 210	Theatre Service		4
THE 211-212-213-214	Theatre Production	THE 110	1-1-1-1
THE 220	Stage Movement		3
THE 312	Directing Stage Production		3
THE 323	Basic Acting		3
THE 325	Readers Theatre	COM 227 or COM 221	3
THE 411	Creating Theatre		3
THE 412	Design and Stage Lighting	THE 210 & THE 211 *or* THE 212 *or* 213 *or* 214	3

English Minor

Students pursuing other majors may choose to pursue a minor in English. A minor in English will consist of 18 credits in English at the 300-level or above, distributed as follows:

One writing course, chosen from the following:

ENGLISH		PREREQUISITE(S)	CREDITS
ENG 301	Introduction to Creative writing		3
ENG 344	Advanced Writing	ENG 201	3

One course in English language, chosen from the following:

ENG 343	Language Theory and Practice	ENG 201	3
ENG 345	History of the English Language	ENG 261-262	3

Two literature survey courses, chosen from the following:

ENG 321	British Literature I	ENG 261-262	3

			Credits
ENG 322	British Literature II	ENG 261-262	3
ENG 361	American Literature	ENG 261-262	3
ENG 362	Major American Writing	ENG 361	3
ENG 363	Black American Literature	ENG 261-262	3
ENG 371	Caribbean Literature I	ENG 261-262	3
ENG 372	Caribbean Literature II	ENG 261-262	3

One major author course, chosen from the following:

ENG 431	Major American Author	ENG 261-262	3
ENG 432	Major British Author	ENG 261-262	3
ENG 433	Major Caribbean Author	ENG 261-262	3

One course in literary criticism:

ENG 415	Literary Criticism	ENG 261-262	3

Fine Arts Minor

The Fine Arts minor affords students the opportunity to learn about Fine Arts as a complement to their chosen major or to develop their independent interests in this area. In addition to the HUM 115 prerequisite, students must complete (with a grade of C or higher) 18 to 24 credits from Music, Art, Theatre or English Creative Writing, with 25% of the classes being at the 300 or 400 level and selected from any two Fine Arts areas.

ART		**PREREQUISITE(S)**	**CREDITS**
ART 117	Basic Design		3
ART 125	Survey of World Art		3
ART 126	Selected Problems in World Art		3
ART 128	Drawing I		3
ART 150	Painting I		3
ART 217	Design	ART 117	3
ART 218	Caribbean Art I		3
ART 219	Caribbean Art II		3
ART 228	Drawing 2	ART 128	3
ART 231-331	Painting Studio	ART 150	3-3
ART/EDU 275	Teaching Visual Art toChildren and Adolescents		3
ART/COM 324	Desktop Publishing	Minimum C grade in ART/COM 308	4
COMMUNICATION			
COM 221	Oral Interpretation of Literature	COM 119	3
COM 227	Voice and Diction		3
COM/ART 324	Desktop Publishing	Minimum C grade in ART/COM 308	4
CREATIVE WRITING			
ENG 301	Introduction to Creative Writing		3
ENG 302	Intermediate Fiction Writing	ENG 301	3
ENG 303	Intermediate Verse Writing	ENG 301	3

			Credits
ENG 344	Advanced Writing	ENG 201	3
ENG 401	Advanced Creative Writing	ENG 301 & 302 *or* 303	3

MUSIC		**PREREQUISITE(S)**	**CREDITS**
MUS 124	Introduction to Music		3
MUS 103	Music Theory I	Placement exam or MUS 124	3
MUS 104	Music Theory II	Placement exam or MUS 124	3
MUS 401	Orchestration and Arranging	MUS 302	3
MUS 132	Concert Band	Audition	1
MUS 133	Jazz Ensemble	Audition	1
MUS 134	Steel Band Ensemble	Audition	1
MUS 140	Class Steel Pan		1
MUS 151-152	Class Guitar		1-1
MUS 161-162, 261-262	Applied Music		2-2, 2-2
MUS 242	Concert Choir	Audition	1
MUS 364	Survey of Caribbean Music		3
MUS 465-466	Selected Topics in Music	TBA	3-3

THEATRE		**PREREQUISITE(S)**	**CREDITS**
THE 110	Introduction to Theatre		3
THE 210	Theatre Service		4
THE 211-212-213-214	Theatre Production	THE 110	1-1-1-1
THE 220	Basic Stage Movement		3
THE 312	Directing Stage Productions		3
THE 315	Theatre in the Caribbean		3
THE 323	Basic Acting		3
THE 325	Readers Theatre		3
THE 411	Creating Theatre		3
THE 412	Scene Design and Stage Lighting	THE 210 & 211 *or* THE 212 or 213 *or* 214	3
THE 413	Theatre Criticism	THE 110 & 220 *or* 312 *or* 323	3
THE 415	Theatre Management		3
THE 465-466	Selected Topics in Theatre	TBA	3-3
THE 499	Independent Study in Theatre	See Course Description	3

Political Science Minor

The minor in Political Science provides an understanding of emerging real world issues and enhances critical knowledge of political theory, political processes and governmental institutions and structures. In addition to the POL 120 prerequisite, students must complete (with a grade of C or higher) the required courses listed below for a total of 18 credits.

POLITICAL SCIENCE		**PREREQUISITE(S)**	**CREDITS**

One Political Science course, chosen from the following:

POL 129	Introduction to Public Administration	POL 120	3
POL 151	American Government	POL 120	3

And four additional courses, chosen from the following:			Credits
POL 340	Caribbean Government and Politics	POL 120	3
POL 341	African Politics	POL 120	3
POL 351	Comparative Government	POL 120	3
POL 352	International Politics	POL 120	3
POL 310	Political Theory	POL 120	3
POL 315	Political Participation and Elections		3
POL 401	US Virgin Islands Government and Politics	POL 120	3

Psychology Minor

The Psychology minor affords students the opportunity to learn about Psychology as a complement to their chosen major or to develop their independent interests in the area. In addition to the PSY 120 prerequisite, students must complete (with a grade of C or higher) the required courses listed below and two additional 300-level or higher elective Psychology courses for a total of 19 credits.

PSYCHOLOGY		PREREQUISITE(S)	CREDITS
PSY 202	Life Span Development	PSY 120	3
PSY 203	Introduction to Personality	PSY 120	3
PSY 223	Social Psychology	PSY 120	3
PSY 240	Biopsychology	PSY 120, SCI 100	4

Sociology Minor

Students may wish to pursue a minor in Sociology as a basis for further study in the broad range of fields that require investigative skills and the ability to work with diverse people. Students must complete (with a grade of C or higher) the SOC 121 prerequisite, the required courses listed below, and two 300-level or higher elective Sociology courses for a total of 24 credits.

SOCIOLOGY		PREREQUISITE(S)	CREDITS
SOC 124	Social Problems	SOC 121	3
SOC 236	Marriage and the Family		3
SOC 224	Introduction to Social Welfare		3

Two additional Sociology courses, chosen from the following:

SOC 333	Criminology		3
SOC 345	Race and Ethnic Relations		3
SOC 381	Contemporary Caribbean Society	SOC 121	3

Spanish Minor

Students pursuing any major may choose to pursue a minor in Spanish. The main goal of this minor is to increase students' contact with Spanish thereby increasing their command of the language. Although it is not required, a study abroad experience in a Spanish speaking country is highly recommended. In addition to completing SPA 131, SPA 132 and SPA 231, students must complete (with a grade of C or higher) 18 credits in Spanish at the 300 level or above, distributed as follows:

SPANISH		PREREQUISITE(S)	CREDITS
SPA 305	Oral Spanish	Any 200 level course	3
SPA 306	Advanced Conversation	Any 200 level course	3
SPA 311	Romance Linguistics	Any 200 level course	3
SPA 321	Studies in Spanish Language and Style	Any 200 level course	3

Any two courses from the following:

SPA 322	Advanced Studies in Spanish Language and Style		3
SPA 331	Spanish Literature and Civilization to the 18th Century		3
SPA 332	Spanish Literature and Civilization from the 18th Century to the present		3
SPA 433	Spanish Literature of the Golden Age		3
SPA 434	Contemporary Spanish Literature		3
SPA 465, 466	Selected Topics	Any 300/400 level Spanish course	3,3

CERTIFICATE

Music Industry

The Music Industry Certificate Program is a program designed to provide interested parties with training that will enable them to become successful entrepreneurs in the Music Business as Audio Engineers or Music Business Entrepreneurs. The successful Music Industry Certificate student will have acquired the ability to create and maintain a successful music business, through the study of key music marketing principles and practices; patent, copyright, and trade law secrets which include patent protection for software and business methods. Students of the Audio Engineering track will be exposed to industry standards for digital audio recording methods, mixing equalization, and dynamic processing that includes acoustics for both studio and live sound installations. Participants will learn how to record and mix audio and audio-visual productions, and will learn how to produce distributable multi-channel surround sound products through mastering, mixing, and encoding.

The Music Industry Certificate Program provides interested students with the opportunity to become proficient through one of two (2) distinct Music Industry study tracks: Audio Engineering or Music Business. The Music Industry Certificate program will require twelve (12) credit hours of instruction (including the necessary prerequisite course MUS 110). Program participants will take the required MUS 110 Business of Music course followed by any three (3) courses in one of the two (2) tracks outlined within the Certificate Program.

MUSIC INDUSTRY COURSES		PREREQUISITE(S)	CREDITS
MUS 110	Business of Music		3
Audio Engineering			
MUS 125	Beginning Music Recording Workshop	MUS 110	3
MUS 215	Music Mixing Workshop	MUS 110, MUS 125	3,3
MUS 217	Professional tools: Digital Recording Techniques	MUS 110, MUS 125	3,3
MUS 250	Music Recoding theory and Techniques	MUS 110, MUS 125	3,3
Music Business			
MUS 252	Music Industry Marketing Principles and Applications	MUS 110	3
MUS 254	Intellectual Property Rights	MUS 110	3
MUS 315	Music Economics and Global Business	MUS 110	3

Psychology with concentration in Human Development

This program will promote a greater understanding of human developmental psychology. It may be especially useful to those who attempt to provide services to people and organizations across a wide spectrum of developmental levels from preschool to elderly populations.

COLLEGE OF SCIENCE AND MATHEMATICS

Mission

The College of Science and Mathematics is committed to helping students excel academically and achieve productive careers through programs in academics, research and community service. The College provides degrees in Biology, Chemistry, Computer Science, Marine Biology, Mathematics, Physics and Process Technology. Opportunities leading to degrees in engineering and medicine at affiliated universities augment our degree offerings. College faculty are committed to lifelong learning and scientific research, academic and pedagogical advancement, and outreach to the local community through service and enhanced opportunities.

Program

In the College of Science and Mathematics, the University offers courses of study in astronomy, biology, chemistry, computer science, marine biology, and mathematics, with major fields of specialization in biology, chemistry, marine biology and mathematics. The College also offers pre-engineering and pre-medical technology programs.

Mathematics is the essential tool for all students of natural, physical and applied sciences. In addition, certain areas in mathematics, such as statistics, probability, linear algebra and calculus, are indispensable for certain advanced programs in the social sciences. The students' readiness to begin the study of mathematics at the college level will determine whether they are able to complete their undergraduate degrees majoring in chemistry or mathematics in the normal period of four years. The student who has mastered mathematics through at least high school trigonometry and second-year high school algebra should be able to maintain the pace of a college program in science or mathematics. Four years of high school mathematics are recommended. In addition, familiarity with the language and basic concepts of the sciences can be gained through high school courses in biology and chemistry.

Students planning to attend a graduate school of medicine, dentistry or veterinary medicine normally will major in either chemistry or biology as an undergraduate. Students should consult with their advisors concerning courses which may be required for graduate study in their fields of interest. Biomedical research training opportunities are available for interested students to work in the laboratory of faculty mentors.

The University of the Virgin Islands is one of the few institutions in the United States offering an undergraduate major in marine biology. As the program develops, specialized field courses in chemical and physical oceanography, marine geology and marine instrumentation will be added. It is anticipated that the growing recognition for marine technicians will result in expanded career opportunities for those who complete the undergraduate program. Students in this program also will be prepared for graduate work.

Preparation in such fields as architecture, pharmacy, engineering and forestry may often be completed within the four years of a normal baccalaureate program with transfer from the University of the Virgin Islands after the first year or two of undergraduate study. However, many engineering programs now require a minimum of five years of study for a bachelor's degree.

The bachelor's degree, together with appropriate preparation in teacher education, is the basic qualification for those intending to teach science and mathematics at the secondary level.

The following list the required and recommended courses in the College of Science and Mathematics:

Bachelor of Arts Degree

Biology Major

The requirements for a Bachelor of Arts Degree in Biology consist of the following Biology and related courses plus a study plan written by each candidate and his or her program advisor. Study plan guidelines and procedures will be published by the College of Science and Mathematics from time to time. The study plan must be approved by the faculty of the Biology Program and will be submitted to the Enrollment Services Office. Course numbering reflects the year by which courses should be completed. The study plan must include at least one plant-based^ and one animal-based* course. Any change in the study plan must be approved by the advisor and the program prior to course registration.

In addition to the general education requirements (see pp. 87-88), the following courses are required:

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits):

		Credits
SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required courses in Biology (24 credit hours):

		Credits
BIO 141-142	General Biology I-II	4-4
BIO 223	Ecology	4
BIO 245	Genetics	4
BIO 360	Cell and Molecular Biology I	4
BIO 397-398	Junior Science Seminar I-II	1-1
BIO/MBI 497, 498*	Senior Science Seminar I, II	1,1

C. Required courses in related fields (22-24 credit hours):

		Credits
CHE 151-152	General Chemistry I-II	4-4
CHE 151L-152L	General Chemistry Lab I-II	1-1
MAT 241	Introduction to Calculu and Analytical Geometry I	4
or		
MAT 235	Introductory Statistics with Applications	4
PHY 211-212	Introduction to Physics I-II	4-4
or		
PHY 241-242	General Physics I-II	5-5
or		
PHY 241-212	General Physics I - Introduction to Physics II	5-4

D. Science, Technology and Mathematics (STEM) electives:

An additional 18 credit hours minimum are required from the following:

		Credits
BIO 210	Research Methods I	2
BIO 220**	Marine Invertebrate Zoology	4
BIO 224	Population Biology	4
BIO 295	Responsible Conduct in Research	1
BIO 310	Research Methods II	2
BIO 339**	Vertebrate Structure	5
BIO 342**	Animal Physiology	4
BIO 349^	Aquatic Plant Biology	4
BIO 350^	Terrestrial Plant Biology	4

		Credits
BIO 352^	Plant Physiology	4
BIO 353**	Developmental Biology	3
BIO 355-356	Biology of Microorganisms I-II	4-4
BIO 361	Bioinformatics	4
BIO 370	Evolution	3
BIO 430	Coral Reef Biology	4
BIO 460	Cell and Molecular Biology II	4
BIO 465-466***	Selected Topics in Biology	4
BIO 495	Directed Independent Research in Biology (maximum 6 credits)	1-4
BIO 496	Internship/Field Studies (maximum 4 credits)	1-4

Any MBI or MSC course
Any 200, 300 or 400 level Chemistry, Math or Physics course
Any ENV course
SCI 100 (if taken as a freshman), The Natural World: The Caribbean
SCI 200 Introduction to Geographic Information Systems
Any CSC course except CSC 111 or CSC 119
STE 110 and/or STE 112

**SCI 497 may be taken in place of either BIO 497 or 498.*
***Animal-based course.*
^Plant-based course.
****Depending on content, a Selected Topics in Biology may count as a plant- or animal-based course.*

Chemistry Major

In addition to the general education requirements (see pp. 87-88), the following courses are required:

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits):

		Credits
SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required courses in Chemistry:

		Credits
CHE 151-152	General Chemistry I-II	4-4
CHE 151L-152L	General Chemistry Lab I-II	1-1
CHE 251	Quantitative Analysis	2
CHE 251L	Quantitative Analysis Lab	2
CHE 252	Instrumental Analysis	2
CHE 252L	Instrumental Analysis Lab	2
CHE 253-254	Organic Chemistry I-II	4-4
CHE 253L-254L	Organic Chemistry Lab I-II	1-1
CHE 341-342	Physical Chemistry I-II	3-3
CHE 341L-342L	Physical Chemistry Lab I-II	1-1
CHE 397, 398	Junior Science Seminar I, II	1/2,1/2
CHE 432	Inorganic Chemistry	3
CHE 432L	Inorganic Chemistry Lab	1
CHE 497, 498*	Senior Science Seminar I, II	1,1

C. The following courses in related fields are required: Credits

MAT 241-242	Introduction to Calculus and Analytical Geometry I-II	4-4
MAT 341-342	Intermediate Calculus I-II	3-3
PHY 241-242	General Physics I-II	5-5

D. The following courses are strongly recommended: Credits

CHE 348	Biochemistry	3
CHE 348L	Biochemistry Lab	1
CHE 465,466	Selected Topics	3-4
CHE 495	Directed Independent Research in Chemistry	1-4
CHE 496	Internship/Field Studies	1-4
MAT 441-442	Advanced Calculus I-II	3-3

**SCI 497 may be taken in place of either CHE 497 or 498.*

Marine Biology Major

The requirements for a Bachelor of Arts Degree in Marine Biology consist of the following Biology, Marine Biology and related courses plus a study plan written by each candidate and his or her program advisor. Study plan guidelines and procedures will be published by the College of Science and Mathematics from time to time. The study plan must be approved by the faculty of the Biology Program and will be submitted to the Enrollment Services Office. Course numbering reflects the year by which courses should be completed. Any change in the study plan must be approved by the advisor and the program prior to course registration.

In addition to the general education requirements (see pp. 87-88), the following courses are required:

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits): Credits

SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required Courses in Biology and Marine Biology (45 credit hours): Credits

BIO 141-142	General Biology I-II	4-4
MBI 220	Marine Invertebrate Zoology	5
MBI 222	Ichthyology	4
BIO 223	Ecology	4
MSC 239	Oceanography	4
BIO 245	Genetics	4
BIO 349	Aquatic Plant Biology	4
BIO 360	Cell and Molecular Biology I	4
BIO 397-398	Junior Science Seminar	1-1
MBI 424	Marine Ecology	4
BIO/MBI 497, 498*	Senior Science Seminar I, II	1,1

C. Required Courses in Related Fields (22-24 credit hours): Credits

CHE 151-152	General Chemistry I-II	4-4
CHE 151L-152L	General Chemistry Lab I-II	1-1

		Credits
MAT 241	Introduction to Calculus and Analytical Geometry I	4
or MAT 235	Introductory Statistics with Applications	4
PHY 211-212	Introduction to Physics I-II	4-4
or PHY 241-242	General Physics I-II	5-5
or PHY 241-212	General Physics I, Introduction to Physics II	5-4

D. In addition to the courses not chosen to fulfill the requirement in Section B, the following are strongly recommended for students intending to pursue graduate studies:

		Credits
MAT 241-242	Introduction to Calculus and Analytical Geometry I-II	4-4
CHE 253-254	Organic Chemistry I-II	4-4
CHE 253L-254L	Organic Chemistry Lab I-II	1-1

**SCI 497 may be taken in place of either BIO 497 or 498.*

Mathematics Major

In addition to the general education requirements (see pp. 87-88), the following courses are required:

A. Required courses in Freshman Studies (required for anyone admitted into the program with fewer than 24 credits):

		Credits
SCI 100	The Natural World: The Caribbean	3
SSC 100	An Introduction to the Social Sciences: A Caribbean Focus	3
FDS 100	Freshman Development Seminar	1

B. Required courses in Mathematics:

		Credits
MAT 215	Introduction to Number Theory	3
MAT 241-242	Introductory Calculus and Analytic Geometry I-II	4-4
MAT 261	Linear Algebra	4
MAT 341-342	Intermediate Calculus I-II	3-3
MAT 362	Abstract Algebra I	3
MAT 441	Introductory Analysis I	3
MAT 397, 398	Junior Mathematics Seminar I, II	1/2, 1/2
MAT 497, 498*	Senior Mathematics Seminar I, II	1,1

C. Six elective courses from the following are required; a cluster of four courses must be approved by the advisor (see E. Suggested tracks):

		Credits
MAT 233	Discrete Mathematics	3
MAT 301	Modern Geometry	3
MAT 325	Numerical Analysis	3
MAT 332	Mathematical Statistics	3
MAT 344	Probability	3
MAT 346	Differential Equations	4
MAT 348	Complex Variables	3
MAT 352	Mathematical Modeling	3
MAT 361	Bioinformatics	4
MAT 386	History and Philosophy of Mathematics	3
MAT 442	Introductory Analysis II	3
MAT 458	Topology	3
MAT 461	Abstract Algebra II	3

		Credits
MAT 465, 466	Special Topics	3,3
MAT 499	Approved Independent Study	3
One approved upper-level course in another discipline		

D. Strongly Suggested Courses in Related Fields:		Credits
CSC 117	Introduction to Programming	4
PHY 241-242**	General Physics I-II	5-5

E. Suggested Tracks:

Applied: For majors interested in applied mathematics in the physical and engineering sciences, actuarial sciences, or business

MAT 325	Numerical Analysis
MAT 332	Mathematical Statistics
MAT 344	Probability
MAT 346	Differential Equations
MAT 348	Complex Variables
MAT 352	Mathematical Modeling

One approved upper-level course in another discipline.

***Teaching*:** For majors considering a career in secondary education

MAT 233	Discrete Mathematics
MAT 301	Modern Geometry
MAT 332	Mathematical Statistics
MAT 344	Probability
MAT 352	Mathematical Modeling
MAT 386	History and Philosophy of Mathematics

Graduate: For majors considering graduate study in mathematics

MAT 348	Complex Variables
MAT 442	Introductory Analysis II
MAT 458	Topology
MAT 461	Abstract Algebra II

**SCI 497 may be taken in place of either MAT 497 or 498.*
***Partially satisfies the general education requirement in science.*