



# 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<br>or MAT 143                                                                                                                     | College Algebra with Applications<br>Precalculus Algebra                                                       | 4   |
| and one of the following:<br>MAT 153/232/235                                                                                              | College Trigonometry/Calculus for<br>Business and Social Sciences/Introductory<br>Statistics with Applications | 4   |
| or<br>For students with advanced preparation beyond the above levels,<br>a minimum of six (6) credits of higher level mathematics courses |                                                                                                                | 6-8 |

#### TOTAL

**6-8**

#### D. NATURAL SCIENCES

**9-11**

|                            |                                                                  |        |
|----------------------------|------------------------------------------------------------------|--------|
| SCI 100*<br>and<br>SCI 200 | The Natural World: The Caribbean<br>Changes in the Natural World | 3<br>3 |
|----------------------------|------------------------------------------------------------------|--------|

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|                                                    |                                                  |                |   |
|----------------------------------------------------|--------------------------------------------------|----------------|---|
| SCI 301                                            | Application of Principles from the Natural World | <b>Credits</b> | 3 |
| <i>or</i>                                          |                                                  |                |   |
| 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 |
| <i>and</i>                                                                                                                                              |                                                           |   |
| Two other courses in the social sciences:<br>anthropology, criminal justice, economics, geography, history, political science,<br>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.

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 65.

## 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

**Business Administration**

### SCHOOL OF EDUCATION\*

**Elementary Education**

**Inclusive Early Childhood Education**

*\*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**

**English**

**Interdisciplinary Studies**

**Humanities**

The following majors are only offered on the Orville E. Kean Campus.

**Music Education**

#### Social Sciences

**Criminal Justice**

**Psychology**

The following majors are only offered on the Orville E. Kean Campus.

**Social Sciences**

**Social Work**

### COLLEGE OF SCIENCE AND MATHEMATICS\*\*

The following majors are only offered on the Orville E. Kean Campus.

**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.*

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## 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. The School is 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 government organizations. The program has been constructed on the premise 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's general education requirements. By taking these courses, the student can gain the required background of liberal education and general business knowledge. These course requirements broaden students' 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 a major in 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.

### ***Business Administration Major***

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

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

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       |

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|          |                                      | Credits |
|----------|--------------------------------------|---------|
| BUS 436  | Business Strategy                    | 3       |
| BUS 474  | Professional Development Seminar     | 1       |
| BUS 475* | Undergraduate Internship in Business | 2       |
| DSC 325  | Statistics for Management Decisions  | 3       |
| DSC 410  | Quantitative Methods                 | 3       |
| DSC 430  | Production/Operations Management     | 3       |
| ENT 205  | Innovation and Entrepreneurship      | 3       |
| FIN 301  | Fundamentals of Finance              | 3       |
| IST 210  | Business Information Systems         | 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, work experience may allow the student to receive a waiver from BUS 475, Undergraduate Internship in Business, 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 <i>or</i> MAT 143 Precalculus Algebra | 4       |
|                                                    | <i>and</i> 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.

| <b>FINANCE CONCENTRATION*</b>               |                                    | Credits |
|---------------------------------------------|------------------------------------|---------|
| FIN 323                                     | Investment Analysis                | 3       |
| FIN 324                                     | Financial Markets and Institutions | 3       |
| FIN 425                                     | Financial Policy and Strategy      | 3       |
| FIN 430                                     | International Finance              | 3       |
| (ECO 321 and 322 are strongly recommended.) |                                    |         |

*\*Note - Orville E. Kean Campus only*

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## SCHOOL OF EDUCATION

### Mission

UVI School of Education (SOE) exists to produce high quality education professionals who are ethically and culturally competent to serve schools, foster innovation and change, and address social justice issues locally, regionally, and globally.

### Program

The program for elementary education 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 U.S. 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. The Secondary Teaching Certificate in its entirety is offered via UVI Online. The Board of Education may recommend only certain courses for certification, and not the entire Secondary Teaching Certificate, for some teachers or other professionals. In-service teachers or other professionals not requiring the entire Secondary Teaching Certificate may take available equivalent education courses listed on the regular UVI class schedule. Required professional courses are detailed below.

Admission to the School of Education B.A. elementary education major should be obtained before taking Education 250, and is by written application. Admission to the School of Education as a B.A. inclusive early childhood education major is by written application, and begins upon completion of EDU 221. Prospective students are urged to apply at the beginning of their second semester, sophomore year. Enrollment in courses beyond the 200 level will not be allowed until admission is granted. Admission can normally be secured by the second semester of the sophomore year. Admission to the School of Education is not required for the Certificate in Inclusive Early Childhood Education.

To qualify for admission, students must meet the following criteria (1) to (5), and have earned a minimum grade of "C" in the courses listed in (1).

Students are required to:

1. 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 232, MAT 235 *and*
  - Education courses EDU 221 and EDU 230 (elementary major) *or* EDU 108, 109, 113, 114 (Inclusive Early Childhood Education major).

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2. Maintain a cumulative grade point average of at least 2.50.
3. Pass the English Proficiency Exam.
4. Pass the Computer Literacy Exam.
5. 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 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).

Master of Arts degrees in education leadership and in school counseling & guidance are 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 |
|---------|-----------------------------------------------------------|---------|
| FDS 100 | Freshman Development Seminar                              | 1       |
| SCI 100 | The Natural World: The Caribbean                          | 3       |
| SSC 100 | An Introduction to the Social Sciences: A Caribbean Focus | 3       |

B. General education requirements as stated on pp. 101-102.

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       |

*\*Prerequisite to EDU 452 Student Teaching in the Elementary School: Students must complete all required education courses with a minimum grade of "C" in each course prior to enrolling in student teaching.*

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|                                   |                    |         |
|-----------------------------------|--------------------|---------|
| D. Required course in psychology: |                    | Credits |
| PSY 120                           | General Psychology | 3       |

E. A minimum of 18 credits is required from one of the following areas: English, Spanish, natural science, or social sciences. At least six of the 18 credits must be at the 300 level or above. Courses taken to satisfy the general education requirements also count toward satisfaction of item E for the above concentration areas only.

For the mathematics concentration, the following courses are required: MAT 310, MAT 311, MAT 312, and MAT 313 or MAT 314. Students who have completed these courses receive a certificate in Teaching Mathematics for Elementary Teachers.

F. Required electives to meet 122 credits for graduation.

G. Students are required to enroll in a Praxis II Certification Preparation Examination course in their senior year and take the Praxis II exam.

## ***Inclusive Early Childhood Education Major***

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

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

B. General education requirements as stated on pp. 101-102.

C. Required education courses:

|          |                                                                      |         |
|----------|----------------------------------------------------------------------|---------|
|          |                                                                      | Credits |
| EDU 101  | Introduction to IECE in the U.S., Caribbean & Global Contexts        | 3       |
| EDU 110  | Early Childhood Development and Inclusive Environments I             | 3       |
| EDU 111  | Early Childhood Development and Inclusive Environments II            | 3       |
| EDU 214  | Family and Community Relationships                                   | 3       |
| EDU 215  | Promoting Positive Socio-Emotional Foundations of Early Learning     | 3       |
| EDU 216  | Inclusive Early Childhood Curricula and Assessment                   | 3       |
| EDU 219  | Promoting Language and Literacy in Early Childhood Education         | 3       |
| EDU 221  | Foundations of Education                                             | 3       |
| EDU 302  | Introduction to Exceptional Children                                 | 3       |
| EDU 304  | Teaching Reading and Literacy in Inclusive Early Childhood Education | 3       |
| EDU 305  | Teaching Mathematics in Inclusive Early Childhood Education          | 3       |
| EDU 306  | Creative Arts and Expression in Inclusive Early Childhood Education  | 3       |
| EDU 307  | Teaching Science in Inclusive Early Childhood Education              | 3       |
| EDU 308  | Integrating and Adapting Curriculum across the Content Areas         | 3       |
| EDU 309  | Teaching STEM in Inclusive Early Childhood Education                 | 3       |
| EDU 350  | Instructional Design and Technology                                  | 2       |
| EDU 403  | Assessment for Effective Teaching in Inclusive Early Childhood Ed    | 3       |
| EDU 408* | Student Teaching in Inclusive Early Childhood Education              | 6       |

*\*Prerequisite to EDU 408 Student Teaching in Inclusive Early Childhood Education: Students must complete all required education courses with a minimum grade of "C" in each course prior to enrolling in student teaching.*

|                                   |                    |         |
|-----------------------------------|--------------------|---------|
| D. Required course in psychology: |                    | Credits |
| PSY 120                           | General Psychology | 3       |



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Students interested in owning or directing an inclusive early childhood facility may consider enrolling in the following education elective courses: Credits

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

## **Secondary Teacher Preparation**

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

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

B. General education requirements as stated on pp.101-102.

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 |

*\*Prerequisite to EDU 469 Seminar in Secondary Teaching: Students must complete all required education courses with a minimum grade of "C" in each course prior to enrolling in student teaching.*

D. Required course in psychology: Credits

|         |                    |   |
|---------|--------------------|---|
| PSY 120 | General Psychology | 3 |
|---------|--------------------|---|

E. Requirements in the major (see the school or college for specific details).

Master of Arts degrees in education leadership and in school counseling & guidance are 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, and/or EDU 408 (Student Teaching/Seminar). In approving any such requests, priority will be given to graduates of the U.S. Virgin Islands secondary school system enrolled in mainland colleges and universities.

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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, and/or EDU 408 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 overall program, will enroll in EDU 452, EDU 469, and/or EDU 408. Exceptions may be made only by the provost.
4. **Instruction and Credits.** All outside students taking EDU 452, EDU 469, and/or EDU 408 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.** University of the Virgin Islands policies have been approved by the Commissioner of Education. All students seeking admission into EDU 452, EDU 469, and/or EDU 408 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.

## 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 culturally, mentally and physically by means of course offerings, campus events and study abroad programs. The college offers degrees in communication, criminal justice, English, 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, their preparation for future studies, and their 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: Social sciences majors start on page 123. The Caribbean cultural studies minor, communication minor, English minor, fine arts minor, political science minor, psychology minor, and Spanish minor start on page 126.*

### 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 and performance, dance, and communication and theatre. The English and music education majors are the more traditional programs. Students can focus on journalism via the communication or English major route. The communication major is a versatile major which prepares students for advanced studies not only in speech, 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 their respective school or college.

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 students place emphasis on another of the humanities or on one of the social sciences. In all cases, however, 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.

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## **Communication Major**

In addition to the general education requirements (see pp. 101-102), which include COM 119 Interpersonal Communication and COM 120 Public Speaking, the following courses are required:

A. Required courses in freshman studies (required for anyone admitted into the communication major 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 352                | Mass Media Research | 3          |

Computer mediated communication

|         |                                   |   |
|---------|-----------------------------------|---|
| COM 230 | Computer Mediated Communication I | 3 |
| COM 325 | Web Publishing                    | 4 |
| 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 | Introduction to Public Relations | 3   |
| COM 325 | Web Publishing                   | 4   |
| COM 350 | Public Relations Campaigns       | 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

|              |                     |   |
|--------------|---------------------|---|
| ART 117      | Design              | 3 |
| ART 125      | Survey of World Art | 3 |
| ART 126      | Selected Problems   | 3 |
| ART 128      | Drawing I           | 3 |
| ART Elective |                     | 3 |

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|                                                       |                                                |         |
|-------------------------------------------------------|------------------------------------------------|---------|
| D. Three 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 courses): |                                                | Credits |
| COM 497-498                                           | Senior Seminar                                 | 3-3     |
| G. Recommended electives:                             |                                                | Credits |
| BUS 305                                               | Business Communication                         | 3       |
| COM 221                                               | Oral Interpretation of Literature              | 3       |
| COM 223                                               | Conference Techniques                          | 3       |
| COM 227                                               | Voice and Diction                              | 3       |
| COM 401                                               | Argumentation and Debate                       | 3       |
| COM 403                                               | Rhetorical Criticism                           | 3       |
| CSC 119                                               | Computer Graphic Applications                  | 1       |
| ENG 343                                               | Language Theory                                | 3       |
| MKT 301                                               | Principles of Marketing                        | 3       |
| MKT 334                                               | Advertising and Promotional Strategy           | 3       |
| 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:<br>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    |
| 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       |

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|                                                                   |         |
|-------------------------------------------------------------------|---------|
| 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. Concentrations are offered in (1) literature of the African diaspora, (2) creative writing and (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 timely 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 timely after finishing their general education requirements.

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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.

## Interdisciplinary Studies Major

The Bachelor of Arts in Interdisciplinary Studies works particularly well for students who want to complete a four-year degree, are self-disciplined, and want to participate in designing their own program. Students are encouraged to think innovatively about their studies and explore options such as study abroad or seek out certificate programs in which they might be interested. The following are examples of students who are likely to be successful in this program.

- Students who have a high level of self-discipline, are highly motivated, and want to participate in designing their own degree program.
- Students who want to study multiple disciplines in pursuit of certain skill sets, knowledge, certificates, or experiences which are not covered by traditional degree offerings.
- Students who do not necessarily need a traditional career path for employment purposes but wish to customize their higher education experience by focusing on particular areas of interest.

### Requirements:

A. General education: 51-63 credit hours. Students must complete the Bachelor of Arts degree general education required course set (51-63 credit hours) as well as all other degree requirements (such as PE/PLS, EPE and CLE) as specified under the Bachelor of Arts general education requirements. (pp 101-102)

B. Focus areas: minimum of 45 total credit hours.

1. A student may propose either two or three focus areas. Working with their advisors, the student proposes a set of courses for each focus area that the student thinks is related thematically.

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2. Each focus area should include at least one upper-level (300 or above) course.
3. Focus area courses are designated as major courses for purposes of applying the minimum GPA requirement for the major.
4. The student's proposal must include learning objectives to be used for assessment purposes.

C. With the help of an advisor, students must identify and complete at least one course that could be considered a capstone course (such as a senior seminar course).

D. Flexible credit hours: 0-24 credit hours. The actual number of flexible credit hours will depend on the number of credit hours taken in the focus area and general education. Flexible credit hours must be at the 100-level or above.

E. Other requirements:

1. Upper level course requirement: 36 credit hours at the 300 level or above exclusive of general education courses.
2. The total number of credits must add up to a minimum of 120 for graduation exclusive of the physical education requirements.
3. Advising: In order to assure timely graduation, every student should identify faculty advisors no later than the end of their sophomore year. Once a student's focus area proposal is accepted, they may choose their own advisor or have an advisor assigned to them from the appropriate school or college interdisciplinary committee whose members are available for advising students in this program.

F. Individualized curriculum approval

1. Each student's full curriculum proposal must be approved by a three-person review committee consisting of faculty in the participating schools or colleges that offer the proposed courses and be filed in the College of Liberal Arts and Social Sciences. Each school or college will have a pool of faculty available to participate in the approval process for proposals across different disciplines.
2. Faculty that serve on the review committee must be full-time teaching faculty members who have been at UVI for at least an academic year. Approval of the student's curriculum requires the agreement of at least two members of the committee.

| Summary of requirements for interdisciplinary studies major: | Credits      |
|--------------------------------------------------------------|--------------|
| General education courses                                    | 51-63        |
| Focus area(s) courses                                        | 45 minimum   |
| Flexible credit hours                                        | 0-24*        |
| Total credit hours                                           | 120* minimum |

\* not including the PE or PLS requirement so 122 total hours may be required.

## ***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



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education that embrace and share active learning principles that cultivate lifelong learners and thinkers. Students will be able to function creatively and imaginatively with the ability to excite and educate U.S. 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 to 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 pursue a fine arts minor. While the music major and fine arts minor are based on the Orville E. Kean 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 studio lessons, performance ensembles, and other program offerings.

## **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 timely and enter the workforce environment prepared, engaged, and equipped with a commitment toward lifelong learning and community engagement through the arts, especially.

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. Students entering the music education degree program must successfully complete a music theory placement exam or, if necessary, enroll in MUS 124 Introduction to Music Theory. Interested prospective students 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 are held in March for a fall matriculation.

Auditions are held in December for a spring matriculation.

Entrance exams require the following:

1. Scales (major and minor)
2. Arpeggios (major and minor)
3. Two (2) distinct stylistic selections
4. 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

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proficiency with the following:

1. Scales
2. Key signatures
3. Clef reading

Unsuccessful candidates will need to enroll in MUS 124 Introduction to Music.

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

## General Requirements

**Recitals:** Music education majors and all students enrolled in MUS 161-162 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 MUS 497 Senior Research Seminar, is the presentation of the abstract and supporting segments of the proposed Senior Recital program. The final examination for MUS 498 Senior Research Seminar is the presentation of the research paper and Senior Recital program in 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 concentrating 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     |
| <i>or</i>   |                              |         |
| 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     |
| <i>or</i>   |                              |         |
| MUS 275-276 | Secondary Voice              | 1-1     |
| MUS 301     | Counterpoint                 | 2       |

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|                                                   |                                         | Credits |
|---------------------------------------------------|-----------------------------------------|---------|
| 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                                      |                                         | 1,1     |
| 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       |

## 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 insight into the practical work involved in being a psychologist.

The social sciences major is an interdisciplinary one, allowing students to select courses in 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 require graduate study.

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

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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 the student 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 simultaneously 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 Bachelor of Arts 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**

1. 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.
2. Earned a grade of C+ or better in CJU 110.
3. Complete an application that can be obtained from the registrar's office or program website and submit it to the chair of the social sciences department.

### **Program Requirements**

Students pursuing an A.A.S., B.A. or B.S. in criminal justice are required to earn a minimum grade of C+ in CJU 110, and a C or better in all required criminal justice courses (CJU), 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

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## Course Requirements

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. 101-102).

C. Required courses in social sciences Credits

|                 |                                                      |     |
|-----------------|------------------------------------------------------|-----|
| HIS 341         | Caribbean History                                    | 3   |
| <i>or</i>       |                                                      |     |
| 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/CJU 333 | 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 B.A. program 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

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## **Psychology Major**

### **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. 101-102). 64-70 credits

C. Required courses in psychology, sociology, and social science: Credits

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

E. The student must choose 24 credits from the following psychology and sociology courses: Credits

|                 |                                                                     |   |
|-----------------|---------------------------------------------------------------------|---|
| PSY 223         | Social Psychology                                                   | 3 |
| PSY 241/SOC 241 | Social Determinants of Health and Disease                           | 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 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 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 |
| PSY 350         | Drugs, Behavior, and Society                                        | 3 |

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Credits

|              |                                              |      |
|--------------|----------------------------------------------|------|
| 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 |
| SOC 124      | Social Problems                              | 3    |
| SOC 224      | Introduction to Social Welfare               | 3    |
| SOC 236      | Marriage and the Family                      | 3    |
| SOC 257, 258 | The Black Experience in the New World        | 3, 3 |
| 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    |

## ***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. 101-102).

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    |
| 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

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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:

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|         |                                           | 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 241 | Social Determinants of Health and Disease | 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 (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 |

## ***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. 101-102).

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    |



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E. The student must choose one course from the following social sciences courses as a social science major elective: Credits

|              |                                       |      |
|--------------|---------------------------------------|------|
| PSY 432      | Psychology of Personality             | 3    |
| POL151-152   | American Government                   | 3-3  |
| PSY 223      | Social Psychology                     | 3    |
| 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 (these courses also count toward satisfaction of B above.): Credits

|         |                                           |   |
|---------|-------------------------------------------|---|
| MAT 140 | College Algebra With Applications         | 4 |
| MAT 235 | Introductory Statistics with Applications | 4 |

\* Partially fulfills general education science requirement.

# Bachelor of Arts Degree

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## **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 must 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 courses |                             | Credits |
|---------------------------------------|-----------------------------|---------|
| COM 225                               | Intercultural Communication | 3       |
| ENG 371                               | Caribbean Literature I      | 3       |
| GOG 232                               | Geography of the Caribbean  | 3       |
| HIS 341                               | Caribbean History           | 3       |
| HUM 115                               | Introduction to Humanities  | 3       |

| B. Nine additional credits chosen from the following: |                                                                     | Credits |
|-------------------------------------------------------|---------------------------------------------------------------------|---------|
| ANT 225                                               | Introduction to Cultural and Physical Anthropology                  | 3       |
| ANT 257                                               | The Black Experience in the New World                               | 3       |
| ECO 461                                               | Caribbean Economic Problems                                         | 3       |
| ENG 372                                               | Caribbean Literature II                                             | 3       |
| HIS 261                                               | Introduction to History of Carnival and Caribbean Culture           | 3       |
| HIS 330                                               | United States-Caribbean Relations                                   | 3       |
| HIS 342                                               | History of the Virgin Islands                                       | 3       |
| HIS 350                                               | Latin America since Independence                                    | 3       |
| MSC 111                                               | Open Water Scientific Diving                                        | 1       |
| MUS 363                                               | World Music                                                         | 3       |
| POL 340                                               | Caribbean Government and Politics                                   | 3       |
| PSY 302                                               | Culture and Behavior                                                | 3       |
| SOC 381                                               | Contemporary Caribbean Society                                      | 2       |
| SWK 310                                               | Introduction to Racial and Ethnic Health Disparities in Health Care | 3       |
| SWK 430                                               | Social Welfare: Policies, Programs, Issues                          | 3       |

### ***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.

| A. Communication courses |                                   | Credits |
|--------------------------|-----------------------------------|---------|
| COM 205                  | Broadcast Communication I         | 4       |
| COM 221                  | Oral Interpretation of Literature | 3       |
| COM 225                  | Intercultural Communication       | 3       |
| COM 227                  | Voice and Diction                 | 3       |
| COM 230                  | Computer-Mediated Communication I | 3       |
| COM 308                  | Newswriting I                     | 3       |

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|             |                                    | Credits |
|-------------|------------------------------------|---------|
| COM 310     | Newswriting II/Editing             | 3       |
| COM 312     | Feature Writing                    | 3       |
| COM 315     | Introduction to Public Relations   | 3       |
| COM 324     | Desktop Publishing                 | 4       |
| COM 325     | Web Publishing                     | 4       |
| COM 340     | Broadcast Communication II         | 3       |
| COM 360     | Communication Theory               | 3       |
| COM 402     | Mass Communication Law and Ethics  | 3       |
| COM 403     | Rhetorical Criticism               | 3       |
| COM 430     | Computer-Mediated Communication II | 3       |
| COM 465,466 | Selected Topics                    | 3,3     |
| COM 475     | Directed Studies                   | 1-3     |
| COM 499     | Independent Study                  | 3       |

| D. Theatre courses      |                            | Credits |
|-------------------------|----------------------------|---------|
| THE 210                 | Theatre Service            | 4       |
| THE 211-212-<br>213-214 | Theatre Production         | 1-1-1-1 |
| THE 220                 | Stage Movement             | 3       |
| THE 312                 | Directing Stage Production | 3       |
| THE 323                 | Basic Acting               | 3       |
| THE 325                 | Readers Theatre            | 3       |
| THE 411                 | Creating Theatre           | 3       |
| THE 412                 | Design and Stage Lighting  | 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: Credits

|         |                                  |   |
|---------|----------------------------------|---|
| ENG 301 | Introduction to Creative Writing | 3 |
| ENG 344 | Advanced Writing                 | 3 |

One course in English language, chosen from the following: Credits

|         |                                 |   |
|---------|---------------------------------|---|
| ENG 343 | Language Theory and Practice    | 3 |
| ENG 345 | History of the English Language | 3 |

Two literature survey courses, chosen from the following: Credits

|         |                           |   |
|---------|---------------------------|---|
| ENG 321 | British Literature I      | 3 |
| ENG 322 | British Literature II     | 3 |
| ENG 361 | American Literature       | 3 |
| ENG 362 | Major American Writing    | 3 |
| ENG 363 | Black American Literature | 3 |
| ENG 371 | Caribbean Literature I    | 3 |
| ENG 372 | Caribbean Literature II   | 3 |

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One major author course, chosen from the following: Credits

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

One course in literary criticism: Credits

|         |                    |   |
|---------|--------------------|---|
| ENG 415 | Literary Criticism | 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 art, communication, creative writing, music, or theatre, with 25% of the classes being at the 300 or 400 level and selected from any two fine arts areas.

A. Art courses 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                                          | 3   |
| ART 218     | Caribbean Art I                                 | 3   |
| ART 219     | Caribbean Art II                                | 3   |
| ART 228     | Drawing 2                                       | 3   |
| ART 231-331 | Painting Studio                                 | 3-3 |
| ART/EDU 275 | Teaching Visual Art to Children and Adolescents | 3   |
| ART/COM 324 | Desktop Publishing                              | 4   |

B. Communication courses Credits

|             |                                   |   |
|-------------|-----------------------------------|---|
| COM 221     | Oral Interpretation of Literature | 3 |
| COM 227     | Voice and Diction                 | 3 |
| COM/ART 324 | Desktop Publishing                | 4 |

C. Creative writing courses Credits

|         |                                  |   |
|---------|----------------------------------|---|
| ENG 301 | Introduction to Creative Writing | 3 |
| ENG 302 | Intermediate Fiction Writing     | 3 |
| ENG 303 | Intermediate Verse Writing       | 3 |
| ENG 344 | Advanced Writing                 | 3 |
| ENG 401 | Advanced Creative Writing        | 3 |

D. Music courses Credits

|         |                       |   |
|---------|-----------------------|---|
| MUS 103 | Music Theory I        | 3 |
| MUS 104 | Music Theory II       | 3 |
| MUS 124 | Introduction to Music | 3 |
| MUS 132 | Concert Band          | 1 |
| MUS 133 | Jazz Ensemble         | 1 |
| MUS 134 | Steel Band Ensemble   | 1 |

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|                         |                             | Credits  |
|-------------------------|-----------------------------|----------|
| MUS 140                 | Class Steel Pan             | 1        |
| MUS 151-152             | Class Guitar                | 1-1      |
| MUS 161-162,<br>261-262 | Applied Music               | 2-2, 2-2 |
| MUS 242                 | Concert Choir               | 1        |
| MUS 364                 | Survey of Caribbean Music   | 3        |
| MUS 401                 | Orchestration and Arranging | 3        |
| MUS 465-466             | Selected Topics in Music    | 3-3      |

| E. Theatre courses      |                                 | Credits |
|-------------------------|---------------------------------|---------|
| THE 110                 | Introduction to Theatre         | 3       |
| THE 210                 | Theatre Service                 | 4       |
| THE 211-212-<br>213-214 | Theatre Production              | 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 | 3       |
| THE 413                 | Theatre Criticism               | 3       |
| THE 415                 | Theatre Management              | 3       |
| THE 465-466             | Selected Topics in Theatre      | 3-3     |
| THE 499                 | Independent Study in Theatre    | 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.

| A. One political science course, chosen from the following: |                                           | Credits |
|-------------------------------------------------------------|-------------------------------------------|---------|
| POL 129                                                     | Introduction to Public Administration     | 3       |
| POL 151                                                     | American Government                       | 3       |
| B. Four additional courses, chosen from the following:      |                                           | Credits |
| POL 310                                                     | Political Theory                          | 3       |
| POL 315                                                     | Political Participation and Elections     | 3       |
| POL 330                                                     | Global Environmental Politics             | 3       |
| POL 340                                                     | Caribbean Government and Politics         | 3       |
| POL 341                                                     | African Politics                          | 3       |
| POL 351                                                     | Comparative Government                    | 3       |
| POL 352                                                     | International Politics                    | 3       |
| POL 401                                                     | US Virgin Islands Government and Politics | 3       |

# Bachelor of Arts Degree

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## **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.

|                                                                     |                             |         |
|---------------------------------------------------------------------|-----------------------------|---------|
| A. Required psychology courses:                                     |                             | Credits |
| PSY 202                                                             | Life Span Development       | 3       |
| PSY 203                                                             | Introduction to Personality | 3       |
| PSY 223                                                             | Social Psychology           | 3       |
| PSY 240                                                             | Biopsychology               | 4       |
| B. Two additional 300- level or higher psychology course electives. |                             | Credits |
|                                                                     |                             | 6       |

## **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, two elective sociology courses at any level, and one 300-level or higher elective sociology course for a total of 18 credits.

|                                |                                |         |
|--------------------------------|--------------------------------|---------|
| A. Required sociology courses: |                                | Credits |
| SOC 300                        | Sociological Theory            | 3       |
| SOC 381                        | Contemporary Caribbean Society | 3       |

## **Spanish Minor**

|                                                       |                                       |         |
|-------------------------------------------------------|---------------------------------------|---------|
| A. Required Spanish courses:                          |                                       | Credits |
| SPA 305                                               | Oral Spanish                          | 3       |
| or                                                    |                                       |         |
| SPA 306                                               | Advanced Conversation                 | 3       |
| SPA 321                                               | Studies in Spanish Language and Style | 3       |
| B. Any four (4) 300- or 400-level courses in Spanish* |                                       | Credits |
|                                                       |                                       | 12      |

\*One of the following may be substituted for one (1) of the four (4) mandatory 300- or 400-level courses:

|                                                                               |                                     |   |
|-------------------------------------------------------------------------------|-------------------------------------|---|
| CJU 222                                                                       | Law Enforcement-Community Relations | 3 |
| COM 225                                                                       | Intercultural Communication         | 3 |
| MGT 439                                                                       | International Business Management   | 3 |
| MKT 422                                                                       | International Marketing             | 3 |
| Any course transferred from a Spanish immersion program from UVI Study Abroad |                                     |   |

## 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 lists the required and recommended courses in the College of Science and Mathematics:

# Bachelor of Arts Degree

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## **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 Office of Enrollment Services. Course numbering reflects the year by which courses should be completed. The study plan must include at least one plant-based<sup>^</sup> 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. 101-102), the following courses are required:

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

|  |  | Credits |
|--|--|---------|
|--|--|---------|

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

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                     | 3   |
| BIO 360           | Cell and Molecular Biology I | 3   |
| BIO 363           | Molecular Biology Laboratory | 1   |
| BIO 365           | Junior Biology Seminar       | 2   |
| or 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 Calculus and Analytical Geometry I | 4   |
| or            |                                                    |     |
| MAT 245       | Statistics for the Life Sciences                   | 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:

|  |  | Credits |
|--|--|---------|
|--|--|---------|

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

|                      |                                 |   |
|----------------------|---------------------------------|---|
| 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            | 4 |
| BIO 342**            | Animal Physiology               | 4 |
| BIO 349 <sup>^</sup> | Aquatic Plant Biology           | 3 |



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|                                                                    | Credits                                                      |     |
|--------------------------------------------------------------------|--------------------------------------------------------------|-----|
| BIO 350^                                                           | Terrestrial Plant Biology                                    | 4   |
| 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. 101-102), 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     |

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

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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 |

## **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. 101-102), the following courses are required:

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

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

B. Required courses in biology and marine biology (45 credit hours): Credits

|                   |                              |     |
|-------------------|------------------------------|-----|
| BIO 141-142       | General Biology I-II         | 4-4 |
| BIO 223           | Ecology                      | 4   |
| BIO 245           | Genetics                     | 3   |
| BIO 349           | Aquatic Plant Biology        | 3   |
| BIO 360           | Cell and Molecular Biology I | 3   |
| BIO 363           | Molecular Biology Laboratory | 1   |
| BIO 397-398       | Junior Science Seminar       | 1-1 |
| or MBI 365        | Junior Biology Seminar       | 2   |
| MBI 220           | Marine Invertebrate Zoology  | 4   |
| MBI 222           | Ichthyology                  | 4   |
| MBI 424           | Marine Ecology               | 4   |
| BIO/MBI 497, 498* | Senior Science Seminar I, II | 1,1 |
| MSC 239           | Oceanography                 | 3   |

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 |

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|                |                                                    | Credits |
|----------------|----------------------------------------------------|---------|
| MAT 241        | Introduction to Calculus and Analytical Geometry I | 4       |
| or MAT 245     | Statistics for the Life Sciences                   | 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. 101-102), the following courses are required:

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

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

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     |

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

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       |

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|                                                       | Credits                    |      |
|-------------------------------------------------------|----------------------------|------|
| MAT 458                                               | Topology                   | 3    |
| MAT 461                                               | Abstract Algebra II        | 3    |
| 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 |

*\*\*Partially satisfies the general education requirement in science.*

E. Suggested tracks: Credits

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

|                                                        |                         |   |
|--------------------------------------------------------|-------------------------|---|
| MAT 325                                                | Numerical Analysis      | 3 |
| MAT 332                                                | Mathematical Statistics | 3 |
| MAT 344                                                | Probability             | 3 |
| MAT 346                                                | Differential Equations  | 3 |
| MAT 348                                                | Complex Variables       | 3 |
| MAT 352                                                | Mathematical Modeling   | 3 |
| One approved upper-level course in another discipline. |                         | 3 |

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

|         |                                       |   |
|---------|---------------------------------------|---|
| MAT 233 | Discrete Mathematics                  | 3 |
| MAT 301 | Modern Geometry                       | 3 |
| MAT 332 | Mathematical Statistics               | 3 |
| MAT 344 | Probability                           | 3 |
| MAT 352 | Mathematical Modeling                 | 3 |
| MAT 386 | History and Philosophy of Mathematics | 3 |

**Graduate:** For majors considering graduate study in mathematics

|         |                          |   |
|---------|--------------------------|---|
| MAT 348 | Complex Variables        | 3 |
| MAT 442 | Introductory Analysis II | 3 |
| MAT 458 | Topology                 | 3 |
| MAT 461 | Abstract Algebra II      | 3 |