BENEDICT COLLEGE



PROGRAMS OF STUDY 2023-2024

BENEDICT COLLEGE PROGRAMS OF STUDY 2023-2024

TABLE OF CONTENTS

School	Major	Pages
Tyronne Adam Burroughs School of Business and Entrepreneurship		
	Business Administration	2
	+Management	3
	+Marketing	4
	+Entrepreneurship	5
	Accounting	6
	Finance	7
Education, Health, and Human Services		
	Educational Studies:	
	+ Child and Family Development	8
	Psychology	9
	Esports Administration	10
	Public Health	11
	Sport Management	12
	Social Work	13
Communication, Arts, and Social Sciences		
	English	14
	Mass Communication	15
	Studio Art	16
	Music	17
	Music Industry	18
	Criminal Justice Administration	19
	Cybersecurity	20
	Interdisciplinary Studies	21
	Political Science	22
Science and Engineering		
5 5	Biology	23
	+Premedical	24
	Cardiovascular Technology	25
	Chemistry	26
	+Prepharmacy	27
	Computer Science	28
	Environmental Health Science	29
	Computer Engineering	30
	Electrical Engineering	31
	Environmental Engineering	32
	Physics	33

⁺ Designates concentration.

FRESHMAN YEAR					
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140/141	Precalculus or Bus. Calculus	4
	Science Requirement	4		Global & Intercultural Learning	3
*BA 130	Introduction to Business	3	HIST 130	Intro to Afr. American History	3
BE 111	The College Experience I	1			
	Total	14		Total	13
SOPHOMORE YEAR					
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communications	3	FS/SP/AR 233	Intermediate Foreign Language	3
*BA 235/MATH 236	Bus Statistics or Prob & Stats	3	*ACC 232	Prin. of Managerial Accounting	3
SS 232	Critical Thinking	3	*BA 230	Business Application Software	3
*ACC 231	Prin. of Financial Accounting	3	*BA 231	Business Communication	3
*EC 231	Microeconomics	3	*BA 237	Business Law	3
AA 211	Prof. Pathw ays Development	1	*EC 230	Macroeconomics	3
	Total	16		Total	18
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*BA 331	Research Project I	3	*BA 330	Quantitative Methods	3
*BA 340	Internship	3	*BA 332	Research Project II	3
*FIN 330	Principles of Finance	3	*	Business Elective	3
*MGT 330	Principles of Management	3	*	Business Elective	3
*MKT 330	Principles of Marketing	3		Elective	2
*	Business Elective	3			
	Total	18		Total	14
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*BA 431	Career Preparation Strategies	3	*BA 432	Senior Capstone	3
*BA 433	International Business	3	*MGT 437	Business Policy	3
*	Business Elective	3	*	Business Elective	3
*	Business Elective	3	*	Business Elective	3
*	Business Elective	3			
	Total	15		Total	12

^{*}Major courses require a "C" or better.

Concentration: Management

FRESHMAN YEAR		2011	0		0011
First Semester	Analysis O.Ass	SCH	Second Semester	Information 1966 - 2.5	SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140/141	Precalculus or Bus. Calculus	4
*D 4 400	Science Requirement	4	LUCT 400	Global & Intercultural Learning	3
*BA 130	Introduction to Business	3	HIST 130	Intro to African American History	3
BE 111	The College Experience I	1			
	Total	14		Total	13
SOPHOMORE YEAR					
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communications	3	FS/SP/AR 233	Intermediate Foreign Language	3
*BA 235/MATH 236	Bus Statistics or Prob & Stats	3	*ACC 232	Prin. of Managerial Accounting	3
SS 232	Critical Thinking	3	*BA 230	Business Application Software	3
*ACC 231	Prin. of Financial Accounting	3	*BA 231	Business Communication	3
*EC 231	Microeconomics	3	*BA 237	Business Law	3
AA 211	Prof. Pathw ays Development	1	*EC 230	Macroeconomics	3
	Total	16		Total	18
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*BA 331	Research Project I	3	*BA 330	Quantitative Methods	3
*BA 340	Internship	3	*BA 332	Research Project II	3
*FIN 330	Principles of Finance	3	*MGT 335	Human Resource Mgt	3
*MGT 330	Principles of Management	3	*	Business Elective	3
*MKT 330	Principles of Marketing	3		Elective	2
*	Business Elective	3			
	Total	18		Total	14
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*BA 431	Career Preparation Strategies	3	*BA 432	Senior Capstone	3
*BA 433	International Business	3	*MGT 437	Business Policy	3
*MGT 430	Contemporary Issues in Mgt	3	*	Business Elective	3
*MGT 433	Organizational Theory	3	*MGT 436	Production Management	3
*	Business Elective	3			
	Total	15		Total	12
	. •			. • • • • • • • • • • • • • • • • • • •	12

^{*}Major courses require a "C" or better.

Concentration: Marketing

FRESHMAN YEAR First Semester ENG 131 MATH 138 *BA 130 BE 111	Analysis & Argumentation College Algebra Science Requirement Introduction to Business The College Experience I	SCH 3 3 4 3	Second Semester ENG 132 MATH 140/141 HIST 130	Information, Literacy & Research Precalculus or Bus. Calculus Global & Intercultural Learning Intro to African American History	SCH 3 4 3 3
	Total	14		Total	13
SOPHOMORE YEAR	R				
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communications	3	FS/SP/AR 233	Intermediate Foreign Language	3
*BA 235/MATH 236	Bus Statistics or Prob & Stats	3	*ACC 232	Prin. of Managerial Accounting	3
SS 232	Critical Thinking	3	*BA 230	Business Application Software	3
*ACC 231	Prin. of Financial Accounting	3	*BA 231	Business Communication	3
*EC 231	Microeconomics	3	*BA 237	Business Law	3
AA 211	Prof. Pathways Development	1	*EC 230	Macroeconomics	3
	Total	16		Total	18
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*BA 331	Research Project I	3	*BA 330	Quantitative Methods	3
*BA 340	Internship	3	*BA 332	Research Project II	3
*FIN 330	Principles of Finance	3	*MGT 337	Consumer Behavior	3
*MGT 330	Principles of Management	3	*	Business Elective	3
*MKT 330	Principles of Marketing	3		Elective	2
*	Business Elective	3			
	Total	18		Total	14
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*BA 431	Career Preparation Strategies	3	*BA 432	Senior Capstone	3
*BA 433	International Business	3	*MGT 437	Business Policy	3
*MKT 430	Contemporary Issues in Mkt	3	*MKT 432	Marketing Research	3
*MKT 437	Marketing Management	3	*	Business Elective	3
*	Business Elective	3		-	-
	Total	15		Total	12

^{*}Major courses require a "C" or better.

Concentration: Entrepreneurship

FRESHMAN YEAR					
First Semester		SCH	Second Semes	ter	SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140/141	Precalculus or Bus. Calculus	4
	Science Requirement	4		Global & Intercultural Learning	3
*BA 130	Introduction to Business	3	HIST 130	Intro to African American History	3
BE 111	The College Experience I	1			
	Total	14		Total	13
SOPHOM ORE YEAR	₹				
First Semester		SCH	Second Semes	ter	SCH
ENG 237	Oral Communications	3	FS/SP/AR 233	Intermediate Foreign Language	3
*BA 235/MATH 236	Bus Statistics or Prob & Stats	3	*ACC 232	Prin. of Managerial Accounting	3
SS 232	Critical Thinking	3	*BA 230	Business Application Software	3
*ACC 231	Prin. of Financial Accounting	3	*BA 231	Business Communication	3
*EC 231	Microeconomics	3	*BA 237	Business Law	3
AA 211	Prof. Pathways Development	1	*EC 230	Macroeconomics	3
	Total	16		Total	18
JUNIOR YEAR					
First Semester		SCH	Second Semes	ter	SCH
*BA 331	Research Project I	3	*BA 330	Quantitative Methods	3
*BA 340	Internship	3	*BA 332	Research Project II	3
*FIN 330	Principles of Finance	3	*MGT 333	Funding Sources for Entrepr	3
*MGT 330	Principles of Management	3	*MGT 340	Effect Present & Comm For Entrepr	3
*MGT 337	Entrepreneurship	3		Elective	2
*MKT 330	Principles of Marketing	3			
	Total	18		Total	14
SENIOR YEAR					
First Semester		SCH	Second Semes	ter	SCH
*BA 431	Career Preparation Strategies	3	*BA 432	Senior Capstone	3
*BA 433	International Business	3	*MGT 432	Negoitation Fundamentals	3
*MGT 460	Student Business Incubator	6	*MGT 437	Business Policy	3
*MKT 339	Internet Marketing	3	*MKT 431	Personal Selling	3
	January G			3	
	Total	15		Total	12

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN ACCOUNTING

FRESHMAN YEAR First Semester ENG 131 MATH 138 *BA 130 BE 111	Analysis & Argumentation College Algebra Science Requirement Introduction to Business The College Experience I	SCH 3 3 4 3	Second Semester ENG 132 MATH 140/141 HIST 130	Information, Literacy & Research Precalculus or Bus. Calculus Global & Intercultural Learning Intro to African American History	SCH 3 4 3 3
	Total	14		Total	13
SOPHOMORE YEAR First Semester ENG 237 *BA 235/MATH 236 SS 232/BA 234 *ACC 231 *EC 231 AA 211	Oral Communications Bus Statistics or Prob & Stats Critical Thinking/Design Thinking Prin. of Financial Accounting Microeconomics Prof. Pathw ays Development	SCH 3 3 3 3 1	Second Semester FS/SP/AR 233 *ACC 232 *BA 230 *BA 231 *BA 237 *EC 230	Intermediate Foreign Language Prin. of Managerial Accounting Business Application Software Business Communication Business Law Macroeconomics	SCH 3 3 3 3 3
	Total	16		Total	18
JUNIOR YEAR First Semester *BA 331 *ACC 335 *BA 340 *MKT 330 *MGT 330 *FIN 330	Research Project I Intermediate Accounting Internship Princples of Marketing Princples of Management Principles of Finance	SCH 3 3 3 3 3 3	*ACC 336 *ACC 337 *BA 330 *BA 332	Intermediate Accounting II Cost & Mgmt Accounting Quantitative Methods Research Project II Elective	SCH 3 3 3 2
	Total	18		Total	14
*ACC 433 *ACC 435 *ACC 431 *BA 431 *BA 433	Taxation I Auditing Adv. Topics in Accounting Career Preparation Strategies International Business	SCH 3 3 3 3 3	Second Semester *ACC 432 *ACC 437 *BA 432 *MGT 437	Accounting Information Systems Internal Auditing Senior Capstone Business Policy	SCH 3 3 3 3
	Total	15		Total	12

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN FINANCE

FRESHMAN YEAR First Semester ENG 131 MATH 138	Analysis & Argumentation College Algebra Science Requirement	SCH 3 3 4	Second Semester ENG 132 MATH 140/141	Information, Literacy & Research Precalculus or Bus. Calculus Global & Intercultural Learning	SCH 3 4 3
*BA 130 BE 111	Introduction to Business The College Experience I	3 1	HIST 130	Intro to African American History	3
	o conegopoooo .	•			
	Total	14		Total	13
SOPHOMORE YEAR					
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communications	3	FS/SP/AR 233	Intermediate Foreign Language	3
*BA 235/MATH 236	Bus Statistics or Prob & Stats	3	*ACC 232	Prin. of Managerial Accounting	3
SS 232/BA 234	Critical Thinking/ Design Thinking	3	*BA 230	Business Application Software	3
*ACC 231	Prin. of Financial Accounting	3	*BA 231	Business Communication	3
*EC 231	Microeconomics	3	*BA 237	Business Law	3
AA 211	Prof. Pathways Development	1	*EC 230	Macroeconomics	3
JUNIOR YEAR First Semester	Total	16 SCH	Second Semester	Total	18 <i>SCH</i>
*ACC 335	Intermediate Accounting I	3	*ACC 336	Intermediate Accounting II	3
*BA 331	Research Project I	3	*BA 330	Quantitative Methods	3
*BA 340	Internship	3	*BA 332	Research Project II	3
*FIN 330	Principles of Finance	3	*FIN 333	Personal Finance	3
*MGT 330	Principles of Management	3		Elective	2
*MKT 330	Principles of Marketing	3			
	Total	18		Total	14
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*BA 431	Career Preparation Strategies	3	*BA 432	Senior Capstone	3
*BA 433	International Business	3	*FIN 437	Corporate Finance	3
*FIN 430	Investment Management	3	*MGT 437	Business Policy	3
*FIN 433	Real Estate	3	*	Business Elective	3
*	Business Elective	3			
	Total	15		Total	12

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN EDUCATIONAL STUDIES Concentration: Child and Family Development

FRESHMAN YEAR First Semester	₹	SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
	Science Requirement	4		Science Requirement	4
ED 131	Pre-Professional Comp	3	HIST 130	Intro to African American History	3
MUS 230	Music Appreciation or		*ED 130	Hist/Phil Foundations of Educ.	3
Art 230	Art Appreciation	3			
HHS 111	The College Experience I	1			
	Total	17		Total	16
SOPHOM ORE YE	AR				
First Semester		SCH	Second Semester		SCH
*ED 230	Creating Culturally Relevant	3	EDU 235	Educating Afr American Students	3
HIST 231	US History I	3	ENG 237	Oral Communication	3
*EDEC 230	Intro to Early Childhood	3	*EDEC 231	The Young Child	3
*EDU 230	Human Growth and Dev	3	*ED 225	Foundations of Digital Media	2
FS/SP/AR 233	Intermediate Foreign Language	3	PSY 230	Intro to Psychology or	
AA 211	Professional Pathways Dev.	1	SOC 230	Intro to Sociology	3
	Total	16		Total	14
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*CFD 332	Interpersonal Relationships	3	*PHE 336	Human Sexuality	3
*CFD 333	Marriage and Family Relationships	3	*CFD 334	Parent Ed and Guidance	3
	Foundations in Teaching				
*ED 335	Reading PK-6	3	*CFD 339	Family Resource Management	3
	Diversity, Soc Justice and				
*EDU 337	21st Centry	3	*EDU 331	Research Methods	3
	⊟ective	3	*EDSE 330	The Exceptional Child	3
	Total	15		Total	15
	Total	15		Total	15
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*EDEC 433	Methods and Materials	3	*CFD 462	Child and Family Dev Internship	12
*CFD 437	Professional Ethics	3		,	_
*CFD 439	Family Law and Public Policy	3			
*CFD 452	Families in Later Life	3			
	Elective	3			
	Total	15		Total	12

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN PSYCHOLOGY

FRESHMAN YEAR	2				
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
Math 132	General College Math I	3	MATH 134	General College Math II	3
*PSY 230	General Psychology	3	*PSY 222	African American Psychology	2
HIST 130	Intro to African American History	3		Science Requirement	4
HHS 111	The College Experience I	1		Global & Intercultural Learning	3
	Total	13		Total	15
SOPHOM ORE YE	ΔR				
First Semester	-11	SCH	Second Semester		SCH
ENG 237	Oral Communication	3	SS 232	Critical Thinking & Logic	3
FS/SP/AR 233	Intermediate Foreign Language	3	*SS 230	Statistics in the Social Sciences	3
*PSY 213	Careers in Psychology	1	*SS 235	Quantitative Research Methods	3
	Minor Requirement	3	PHE 232	Mental Health	3
*SS 236	Qualitative Research Methods	3		Minor Requirement	3
AA 211	Professional Pathways Development	1	PSY	Psy Elective	3
	Total	14		Total	18
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*PSY 335	Lab in Psychology	3	*PSY 336	Theory in Personality	3
*PSY 430	Psychological Theory	3	SS 330	Writing and Presenting in SS	3
CJA 333	Victimology	3	PSY	PSY Elective	3
*PSY 331	Social Psychology	3		Minor Requirement	3
PSY	PSY Elective	3		Elective	3
	Minor Requirement	3			
	Total	18		Total	15
SENIOR YEAR	Total	18		Total	15
SENIOR YEAR First Semester	Total	18 SCH	Second Semester	Total	15 SCH
	Total Senior Research Project I		Second Semester *PSY 439C	Total Senior Research Project II	
First Semester		SCH			SCH
First Semester *PSY 439A	Senior Research Project I	SCH 3	*PSY 439C	Senior Research Project II	SCH 3
First Semester *PSY 439A *PSY 431	Senior Research Project I Abnormal Psychology	SCH 3 3	*PSY 439C *SSCJ 440	Senior Research Project II Internship	SCH 3 3
First Semester *PSY 439A *PSY 431	Senior Research Project I Abnormal Psychology PSY Elective	SCH 3 3 3	*PSY 439C *SSCJ 440	Senior Research Project II Internship PSY Elective	SCH 3 3 3
First Semester *PSY 439A *PSY 431	Senior Research Project I Abnormal Psychology PSY Elective Elective 300-400 level	SCH 3 3 3 3	*PSY 439C *SSCJ 440	Senior Research Project II Internship PSY Elective	SCH 3 3 3

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN ESPORTS ADMINISTRATION

Freshman Year		SCH			SCH
First Semester			Second Semest	er	
ENG 131	Analysis and Argumentation	3	ENG 132	Information Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
*ESPT 120	Critical Writing in Esports Mgt.	2	OPTIONS	Natural Science Lecture	3
SM 235	Sport Business and Sales	3	OPTIONS	Natural Science Lab	1
	FS/SP/AR 130 or Elective	3		Elective	2
HHS 111	College Experience I	1	HIST 130	Intro to African American History	3
	Total	15		Total	15
Sophomore Year					
First Semester			Second Semest	er	
ENG 237	Oral Communication	3	*SM 232	Sport Psychology	3
CYBR 230	Cybersecurity	3	*SM 233	Sport Finance	3
*ESPT 230	Intro. to Esports	3	*SM 234	Diversity, Equity, Inclusion & Belonging	3
*SM231	Sport Leadership & Mgt.	3	FS/SP/AR 233	Foreign Language	3
	Health Wellness/Sw imming	3			
AA 211	Professional Pathways Dev	1		Elective	1
	Total	16		Total	13
Junior Year					
First Semester			Second Semest	er	
*SM 331	Role of Sport in Society	3	*SM 338	Sport Media & Comm.	3
*SM 333	Sport Marketing & Promotions	3	*SM 339	Research Methods in Sport Mgt.	3
*SM 335	Sport Facilities & Event Mgt.	3		Global & Intercultural Learning	3
*SM 337	Sport Law	3	*ESPT 340	Competitive Gaming Culture	3
			*ESPT 341	Gaming Management Info Systems	3
	Total	12		Total	15
Senior Year					
First Semester			Second Semest	er	
*SM 431	Sport Governance	3	*ESPT 460	Esports Mgt. Internship I	6
*SM 433	Ethics in Sport	3	*ESPT 461	Esports Mgt. Internship II	6
*ESPT 401	Esports Team Mgt. and Develop	3	HREC 412	Career Readiness	1
PE 438	Coaching & Officiating Tech.	3	HREC 421	Sport Analytics	3
*SM 439	Program Evaluation	3			
*ESPT 401	Esports Sponsorship & Funding	3			
	Total	18		Total	16
SCH in Major*	68				
Electives	9				

^{*}Major courses requires a "C" or better.

120

Total SCH

Program of Study in Public Health

Freshman Year		SCH			SCH
First Semester			Second Semest	er	
ENG 131	Analysis and Argumentation	3	ENG 132	Information Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
HE 230	Health Education	3	BIO 130	General Biology	3
HIST 130	Intro to African American History	3	BIO 110 L	General Biology Lab	1
*ESC 130	Environmental Science	3	*PHE 120	Critical Writing for Public Health	2
*ESC 110 L	Environmental Science Lab	1	FS/SP/AR 233	Intermediate Foreign Language	3
HHS 111	College Experience I	1			
		17			15
Sophomore Year					
First Semester			Second Semest	ter	
ENG 237	Oral Communication	3	BIO 234	Human Anatomy and Physiology II	3
BIO 233	Human Anatomy and Physiology I	3	*PHE 232	Mental Health	3
*PHE 231	Introduction to Public Health	3	*PHE 234	Drugs and Society	3
AA 211	Professional Pathway Development	1	SOC 230	Introduction to Sociology	3
	Electives	6	BA 230	Business App. Software	3
		16			15
Junior Year					
First Semester			Second Semest	ter	
*PHE 339	Intro to Health Promotion	3	*PHE 332	Contemporary Health Problems	3
*PHE 331	Human Diseases	3	*PHE 336	Human Sexuality	3
*PHE 330	Health and Aging	3	*PHE 337	Research Methods in Rec and PH	3
*PHE 334	Public Health Special Topics	3	*PHE 338	Health Administration	3
	Electives	2	ESC 436	Epidemiology	3
			BIO 337	Nutrition	3
		14			18
Senior Year					
First Semester			Second Semest		
*PHE 430	Global Health	3	*PHE 460	Public Health Internship I	6
*PHE 431	Statistics in Public Health	3	*PHE 461	Public Health Internship II	6
	Electives	6	HREC 412	Career Readiness	1
		12			13

^{*}Major courses requires a "C" or better.

PROGRAM OF STUDY IN SPORT MANAGEMENT

Freshman Year First Semester		SCH	Second Semest	er	SCH
ENG 131	Analysis and Argumentation	3	ENG 132	Information Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
SM 120	Critical Writing in Sport Mgt. 2	2	IVIATTI 134	Science Requirement	4
SM 235	Sport Business & Sales	3		Elective	3
3IVI 233	·		LUCT 120		
11110 111	Elective	3	HIST 130	Intro to African American History	3
HHS 111	College Experience I	1			
	Total	15		Total	16
Sophomore Year					
First Semester			Second Semest	er	
ENG 237	Oral Communication	3	FS/SP/AR 233	Foreign Language	3
*SM 230	Intro. to Sport Management	3	*SM 234	Diversity, Equity & Inclusion and Be	3
*SM 231	Sport Leadership & Mgt.	3	*SM 232	Sport Psychology	3
	Health Wellness/Swimming	2	*SM 233	Sport Finance	3
AA 211	Professional Pathways Dev	1			
	Elective	2	SM 236	Applic, Technology & Software	3
	Total	14		Total	15
Junior Year					
First Semester			Second Semest	er	
*SM 331	Role of Sport in Society	3	*SM 338	Sport Media & Comm.	3
*SM 333	Sport Marketing & Promotions	3	*SM 339	Research Methods in Sport Mgt.	3
*SM 335	Sport Facilities & Event Mgt.	3	*SM 340	Athletic Administration	3
*SM 337	Sport Law	3	*SM 341	Sport Personnel Mgt.	3
	Elective	3		Elective	3
	Total	15		Total	15
Senior Year					
First Semester			Second Semest	er	
HREC 421	Sport Analytics	3	*SM 460	Sport Mgt. Internship I	6
*SM 431	Sport Governance	3	*SM 461	Sport Mgt. Internship II	6
*SM 433	Ethics in Sport	3	HREC 412	Career Readiness	1
*SM 439	Program Evaluation	3	*SM 437	Special Topics ²	3
PE 438	Coaching & Officiating Tech.	3			
	Total	15	Total		16

SCH in Major* 65 Electives 13 Total SCH 120

^{*}Major courses requires a "C" or better.

PROGRAM OF STUDY IN SOCIAL WORK

Freshman Year					
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis and Argumentation	3	ENG 132	Information Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
HHS 111	The College Experience I	1			
			FS/SP/AR 233	Intermediate Foreign Language	3
Science	Bio/Esc/Chem/PHYS	3	HIST 130	Intro to African American History	3
Science Lab	Science Lab	1	*SW 231	Writing for Social Work I	3
*SW 130	Critical Thinking for SW	3	*SW 112	SW Seminar I	1
	Total	14		Total	16
0h					
Sophomore Year			Casand Camastan		
First Semester	0-10	0	Second Semester	lates to Occidence	0
ENG 237	Oral Communication	3	SOC 230	Intro to Sociology	3
POLS 233	American National Government	3	*SW 236	SW - African American Experience	3
PSY 230	Intro to Psychology	3	*SW 330	HBSE w /Individuals	3
*SW 230	Intro to Social Work	3	*SW 332	Child Maltreatment I	3
*SW 232	Writing for Social Work II	3	*****	Elective	2
AA 211	Professional Pathways Development	1	*SW 212	SW Seminar II	1
	Total	16		Total	15
Junior Year					
First Semester			Second Semester		
CFD 452/PHE 330	Famil/Later Life, Health/Aging Elective	3	occoma ocmicator		
*SW 338	SW Ethics/Cultural Issues	3	*SW 334	SW Practice w/Families, Groups	3
*SW 331	HBSE/Large Systems	3	*SW 339/431/or Elec	Ch. Mall or Aging or Later Life, or Elective	3
*SW 333	Social Work Practice w /Individuals	3	*SW 337	Social Welfare Policy	3
*SW 336	Intro to Social Gerontology	3	*SW 439	Field Practice Preparation	3
OVV 330	intro to occiai defonitology	3	*SW 312	SW Seminar III	1
			SS 230	Social Sciences Statistics	3
			00 200	Oocidi Ocici ices Otatistics	3
	Total	15	TOTAL		16
Senior Year					
First Semester			Second Semester		
*SW 433	SW Research Methods	3	*SW 490	Field Instruction	5
*SW 435	Social Work Practice w /Communities &				
	Organizations	3	*SW 490S-	Field Instruction Seminar	0
*SW 437	SW Race, Ethnicity, and Health	3	*SW 430	Selected topics Course	3
*SW 490	Field Instruction	5	*SW 438	SW Program Evaluation	3
*SW 490S	Field Instruction	0		Elective	3
	Total	14	Total		14
0011: 14 1 4	70				
SCH in Major*	73				
Electives	9				
Total SCH	128				

PROGRAM OF STUDY IN ENGLISH

FRESHMAN YEAR					
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
BIO/CHEM/ESC/PHY	Science Requirement	4	MASS 131	Fundamentals of Digital Literacy	3
HIST 130	Intro to African American History	3			
*ENG 220	Reading and Vocabulary Dev	2		Elective	3
CASS 111	The College Experience I	1			
	Total	16		Total	12
SOPHOMORE YEA	R				
First Semester		SCH	Second Semester		SCH
ENG 230	Digital Rhetoric	3	ENG 232	Masterpieces of World Literature	3
ENG 231	Literature as Life	3	ENG 233	Creative and Non-Fiction Writing	3
ENG 237	Oral Communication	3	*ENG 236	Lit. in the African Diaspora	3
*ENG 239	Language, Literacy & Pow er	3	*ENG 238	Adv Speech Communication	3
FS/SP/AR 233	Intermediate Foreign Language	3	FS/SP/AR 234	Advanced Foreign Language	3
AA 211	Prof. Pathways Development	1		Elective	1
	Total	16		Total	16
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*ENG 235	International Exploration of English as an Alternative Language	3	*ENG 332	Careers in English Practicum	3
*ENG 330	Critical Thinking in Literature	3	ENG 333C	Technical Communication	3
*ENG 331	Studies in African American Lit	3	*ENG334	Modern English Grammar	3
*ENG 333A	Professional Editing	3	*ENG 336	English Literature	3
*ENG 335	History of English Language	3	*ENG 338	Contemporary Literature	3
2.10 000	ractory or English Early aug	v	*ENG 339	Literary Criticism	3
	Total	15		Total	18
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*ENG 433	Studies in American Literature	3	*ENG 436	Studies in English Literature	3
*ENG 439A	Research Methods	3	*ENG 439C	English Research Project	3
	English Elective	3		Elective	3
	Elective	6	*ENG 440	Professional Internship	3
	Total	15		Total	12

Total SCH 120 SCH in Major* 56

Benedict College Catalogue 2023-2024

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN MASS COMMUNICATION

(Students are required to select a minor)

FRESHMAN YEAR					
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
	S Science Requirement	4	ART/MUS/THE	Art/Music/Theatre Appreciation	3
HIST 130	Intro to Afr. American History	3	THE 120	Voice and Diction	2
MASS 130	Intro to Mass Media/Hist	3	MASS 131	Fund. of Digital Literacy	3
CASS 111	The College Experience I	1	IVIAGG 131	Turid. Of Digital Elleracy	3
OA33 111	The College Experience i	'			
	Total	17		Total	14
SOPHOMORE YEAR	₹				
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communication	3	ENG 231	Literature as Life	3
MASS 230	Photo for Web & Social Media	3	FS/SP/AR 233	Intermediate Foreign Language	3
MASS 233	Writing for Mass Media	3	*MASS 234	Reporting for New Media	3
	Mass Comm Elective	3	MASS 235	Intro to Public Relations	3
	Elective	3			
AA 211	Prof. Pathways Development	1			
	Total	16		Total	12
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*MASS 330	Prof Photo/Legacy/Emerging Media	3	*MASS 331	Intro to Video	3
MASS 334	Feature/Editorial Writing	3	*MASS 332	Media Practicum	3
*MASS 335	Audio Recording Techniques	3	MASS 336	Public Relations Campaign	3
MASS 337	Data Driven Journalism	3	MASS 338	Layout for Publications	3
	Elective	3		Mass Comm Elective	3
		.=			
	Total	15		Total	15
SENIOR YEAR First Semester		COLL	Cooped Compater		SCH
	Digital Imaging Tachnalagy	SCH	Second Semester	Frankana Mid with Comera	SCH
*MASS 431	Digital Imaging Technology	3	MASS 438	Freelance Mkt with Camera	3
MASS 434M	Production Broadcast I	3	*MASS 439	Senior Thesis/Project	3
*MASS 436	Research Methods	3	*****	Electives	7
*MASS 437	Media Law and Ethics	3	*MASS 440	Internship	3
	Elective	3			
	Total	15		Total	16

Benedict College Catalogue 2023-2024

120

30

Total SCH

SCH in Major*

PROGRAM OF STUDY IN STUDIO ART

FRESHMAN YEAR First Semester ENG 131 MATH 132 ART 130 *ART 131 *ART 133 CASS 111	Analysis & Argumentation General College Math I Foundations: Art Appreciation Foundations: 2D Emphasis Foundations: Digital Experience The College Experience I	SCH 3 3 3 3 1	Second Semester ENG 132 MATH 134 MUS 130/THE 230 *ART 132 *ART 134	Information, Literacy & Research General College Math II Music or Theatre Appreciation Foundations:3D Emphasis Foundations: Drawing Experience	SCH 3 3 3 3 3
	Total	16		Total	15
SOPHOMORE YEA First Semester BIO/CHEM/ESC/PH ENG 237 *ART 230 *ART 231 *ART 237 AA 211	Y Science Requirements Oral Communication Sculptural Media/Processess Observational Draw ing Art History Survey I Prof. Pathways Development	SCH 4 3 3 3 1	Second Semester *ART 210 *ART 232 *ART 238 *ART 334	Art/Design Careers Seminar Conceptual Drawing Art History Survey II Ceramics Electives	SCH 1 3 3 3 6
	Total	17		Total	16
JUNIOR YEAR First Semester HIST 130 *ART 321 *ART 335	Intro to African American Histor Business of Art/Design Painting I Electives	SCH 3 2 3 6	Second Semester FS/SP/AR 233 *ART 331 *ART 338	Intermediate Foreign Language Illustration I Afr. American Art History Electives	SCH 3 3 6
SENIOR YEAR First Semester *ART 417	Total Capstone Project I	14 SCH 1	Second Semester *ART 418	Total Capstone Project II	15 SCH 1
*ART 431 *ART 439	Figure Drawing & Anatomy Aesthetics & Criticism Electives	3 3 8	*ART 421 *ART 432	Art Residency Figure Painting Electives	2 3 6
	Total	15		Total	12
Total SCH SCH in Major*	120 55				

PROGRAM OF STUDY IN MUSIC

FRESHMAN YEAR	?				
First Semester	`	SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
BIO/CHEM/ESC/PH	YSScience Requirement	4	HIST 130	Intro to African American History	3
*MUS 000	Music Seminar	0	*MUS 000	Music Seminar	0
*MUS 010	Major Ensemble	1	*MUS 110	Major Ensemble	1
*MUS 017	Fund. of Applied Lessons	1	*MUS 115	Piano Class I	1
*MUS 123	Intro to Music Technology	2	*MUS 117	Ear Training & Sight Singing I	1
*MUS 133	Fundamentals of Music	3	*MUS 119	Applied Lesson	1
CASS 111	The College Experience I	1	*MUS 131	Music Theory I	3
			AA 211	Prof. Pathways Development	1
	Total	18		Total	17
SOPHOM ORE YE	AR				
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communication	3	FS/SP/AR 233	Intermediate Foreign Language	3
	Global & Intercultural Learning	3		Electives	6
*MUS 000	Music Seminar	0	*MUS 000	Music Seminar	0
*MUS 010	Major Ensemble	1	*MUS 010	Major Ensemble	1
*MUS 116	Piano Class II	1	*MUS 011	Chamber Ensemble	1
*MUS 118	Ear Train. & Sight Singing II	1	*MUS 019	Applied Lesson	1
*MUS 119	Applied Lesson	1	*MUS 215	Piano Class III	1
*MUS 132	Music Theory II	3	*MUS 217	Ear Train/sight Singing III	1
			*MUS 231	Music Theory III	3
	T	40		Total	17
	Total	13		Total	17
JUNIOR YEAR	lotai	13		Total	.,
JUNIOR YEAR First Semester	i otai	SCH	Second Semester	Total	SCH
	Nusic Seminar		Second Semester *MUS 000	Music Seminar	
First Semester		SCH			SCH
First Semester *MUS 000	Music Seminar	SCH 0	*MUS 000	Music Seminar	SCH 0
First Semester *MUS 000 *MUS 010	Music Seminar Major Ensemble	SCH 0 1	*MUS 000 *MUS 010	Music Seminar Major Ensemble	SCH 0 1
First Semester *MUS 000 *MUS 010 *MUS 019	Music Seminar Major Ensemble Applied Lesson	SCH 0 1	*MUS 000 *MUS 010 *MUS 011	Music Seminar Major Ensemble Chamber Ensemble	SCH 0 1
First Semester *MUS 000 *MUS 010 *MUS 019 *MUS 216	Music Seminar Major Ensemble Applied Lesson Piano Class IV	SCH 0 1 1 1	*MUS 000 *MUS 010 *MUS 011 *MUS 019	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson	SCH 0 1 1
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV	SCH 0 1 1 1	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging	SCH 0 1 1 1 2 2 3
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV	SCH 0 1 1 1 1 1 3	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I	SCH 0 1 1 1 2 2
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV Music History I	SCH 0 1 1 1 1 1 3 3 3	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I Music History II	SCH 0 1 1 1 2 2 3
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV Music History I Electives	SCH 0 1 1 1 1 3 3 6	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I Music History II Electives	SCH 0 1 1 2 2 3 3
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232 *MUS 333	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV Music History I Electives	SCH 0 1 1 1 1 3 3 6	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I Music History II Electives	SCH 0 1 1 2 2 3 3
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232 *MUS 333	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV Music History I Electives	SCH 0 1 1 1 3 3 6	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326 *MUS 334	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I Music History II Electives	SCH 0 1 1 1 2 2 3 3 13
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232 *MUS 333 *MUS 333 **MUS 333	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV Music History I Electives Total Music Seminar Major Ensemble	SCH 0 1 1 1 1 3 3 6 16 SCH 0 1	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326 *MUS 334 Second Semester *MUS 000 *MUS 010	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I Music History II Electives Total Music Seminar Major Ensemble	SCH 0 1 1 1 2 2 3 3 13
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232 *MUS 333 *MUS 333 **MUS 333	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV Music History I Electives Total Music Seminar Major Ensemble Chamber Ensemble	SCH 0 1 1 1 1 3 3 6 16 SCH 0 1	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326 *MUS 334 Second Semester *MUS 000 *MUS 010 *MUS 011	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I Music History II Electives Total Music Seminar Major Ensemble Chamber Ensemble	SCH 0 1 1 2 2 3 3 3 13 SCH 0 1 1 1
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232 *MUS 333 *MUS 333 **MUS 333	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV Music History I Electives Total Music Seminar Major Ensemble Chamber Ensemble Applied Lesson	SCH 0 1 1 1 1 3 3 6 16 SCH 0 1 1 1 1	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326 *MUS 334 Second Semester *MUS 000 *MUS 010	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I Music History II Electives Total Music Seminar Major Ensemble Chamber Ensemble Capstone Rectial	SCH 0 1 1 2 2 3 3 3 13 SCH 0 1 1 1 1 1 1
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232 *MUS 333 *MUS 333 **MUS 333	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV Music History I Electives Total Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Music Electives	SCH 0 1 1 1 1 3 3 6 16 SCH 0 1 1 1 1 5	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326 *MUS 334 Second Semester *MUS 000 *MUS 010 *MUS 011	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I Music History II Electives Total Music Seminar Major Ensemble Chamber Ensemble Capstone Rectial Music Elective	SCH 0 1 1 1 2 2 3 3 13 SCH 0 1 1 1 1 3
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232 *MUS 333 *MUS 333 **MUS 333	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV Music History I Electives Total Music Seminar Major Ensemble Chamber Ensemble Applied Lesson	SCH 0 1 1 1 1 3 3 6 16 SCH 0 1 1 1 1	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326 *MUS 334 Second Semester *MUS 000 *MUS 010 *MUS 011	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I Music History II Electives Total Music Seminar Major Ensemble Chamber Ensemble Capstone Rectial	SCH 0 1 1 2 2 3 3 3 13 SCH 0 1 1 1 1 1 1
*MUS 000 *MUS 010 *MUS 019 *MUS 216 *MUS 218 *MUS 232 *MUS 333 *MUS 333 **MUS 333	Music Seminar Major Ensemble Applied Lesson Piano Class IV Ear Train. & Sight Singing IV Music Theory IV Music History I Electives Total Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Music Electives	SCH 0 1 1 1 1 3 3 6 16 SCH 0 1 1 1 1 5	*MUS 000 *MUS 010 *MUS 011 *MUS 019 *MUS 321 *MUS 326 *MUS 334 Second Semester *MUS 000 *MUS 010 *MUS 011	Music Seminar Major Ensemble Chamber Ensemble Applied Lesson Arranging Conducting I Music History II Electives Total Music Seminar Major Ensemble Chamber Ensemble Capstone Rectial Music Elective	SCH 0 1 1 1 2 2 3 3 13 SCH 0 1 1 1 1 3

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN MUSIC INDUSTRY

FRESHMAN YEAR First Semester	₹	SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
*MUS 000	Music Seminar	0	*MUS 000	Music Seminar	0
*MUS 010	Major Ensemble	1	*MUS 010	Major Ensemble	1
*MUS 017	Fundamentals of Applied	1	*MUS 011	Chamber Ensemble	1
*MUS 120	Intro to Music Industry	2	*MUS 019	Applied Lesson	1
*MUS 133	Fundamentals of Music	3	*MUS 115	Piano Class I	1
1000 100	Global & Intercultural Learning	3	MUS 117	Ear Training & Sight Singing I	1
CASS 111	The College Experience I	1	*MUS 121	Computer Applications in Music	2
0A00 111	The college Experience i	17	*MUS 131	Music Theory I	3
		.,	AA 211	Prof. Pathways Development	1
	Total			Total	17
SOPHOM ORE YE	AR				
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communication	3	FS/SP/AR 233	Intermediate Foreign Language	3
*MUS 000	Music Seminar	0	HIST 130	Intro to African American History	3
*MUS 010	Major Ensemble	1	*MUS 000	Music Seminar	0
*MUS 019	Applied Lesson	1	*MUS 010	Major Ensemble	1
*MUS 116	Piano Class II	1	*MUS 011	Chamber Ensemble	1
*MUS 118	Ear Training & Sight Singing II	1	*MUS 019	Applied Lesson	1
*MUS 132	Music Theory II	3	*MUS 231	Music Theory III	3
*MUS 221	Electronic Computer Music	2	*MUS 235	Audio Recording II	3
*MUS 234	Audio Recording I	3			
	Total	15		Total	15
II INIOD VEAD	Total	15		Total	15
JUNIOR YEAR	Total		Second Semester	Total	
First Semester		SCH	Second Semester		SCH
First Semester *MUS 001	Music Industry Seminar	SCH 0	BIO/CHEW/ESC/PHYS	Science Requirement	SCH 4
First Semester *MUS 001 *MUS 011	Music Industry Seminar CM-Commercial Music Ensem	SCH 0 1	BIO/CHEWESC/PHYS *MUS 001	Science Requirement Music Industry Seminar	SCH 4 0
First Semester *MUS 001 *MUS 011 *MUS 332	Music Industry Seminar CM-Commercial Music Ensem Songw riting and Pop Techniques	SCH 0 1 3	BIO/CHEWESC/PHYS *MUS 001 *MUS 011	Science Requirement Music Industry Seminar CM-Commercial Music Ensem	SCH 4 0 1
*MUS 001 *MUS 011 *MUS 332 *MUS 333	Music Industry Seminar CM-Commercial Music Ensem Songw riting and Pop Techniques Music Hist & Lit I	SCH 0 1 3 3	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging	SCH 4 0 1 2
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335	Music Industry Seminar CM-Commercial Music Ensem Songw riting and Pop Techniques Music Hist & Lit I Audio Post- Production	SCH 0 1 3 3 3	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum	SCH 4 0 1 2 2
*MUS 001 *MUS 011 *MUS 332 *MUS 333	Music Industry Seminar CM-Commercial Music Ensem Songw riting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic	SCH 0 1 3 3 3 3	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II	SCH 4 0 1 2 2 3
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335	Music Industry Seminar CM-Commercial Music Ensem Songw riting and Pop Techniques Music Hist & Lit I Audio Post- Production	SCH 0 1 3 3 3	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum	SCH 4 0 1 2 2
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335	Music Industry Seminar CM-Commercial Music Ensem Songw riting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic	SCH 0 1 3 3 3 3	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II	SCH 4 0 1 2 2 3
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335	Music Industry Seminar CM-Commercial Music Ensem Songwriting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic Music Electives	SCH 0 1 3 3 3 3 3 2	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II Music & Entert. Mktg & Content	SCH 4 0 1 2 2 3 3
First Semester *MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335 *MUS 337	Music Industry Seminar CM-Commercial Music Ensem Songwriting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic Music Electives	SCH 0 1 3 3 3 3 3 2	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II Music & Entert. Mktg & Content	SCH 4 0 1 2 2 3 3
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335 *MUS 337	Music Industry Seminar CM-Commercial Music Ensem Songwriting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic Music Electives	SCH 0 1 3 3 3 2	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334 *MUS 338	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II Music & Entert. Mktg & Content	SCH 4 0 1 2 2 3 3
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335 *MUS 337 SENIOR YEAR First Semester	Music Industry Seminar CM-Commercial Music Ensem Songwriting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic Music Electives Total	SCH 0 1 3 3 3 3 2 2 15 SCH	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334 *MUS 338	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II Music & Entert. Mktg & Content Total	SCH 4 0 1 2 3 3 15
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335 *MUS 337 *MUS 337	Music Industry Seminar CM-Commercial Music Ensem Songwriting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic Music Electives Total Music Industry Seminar	SCH 0 1 3 3 3 3 2 2 15 SCH 0	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334 *MUS 338 Second Semester *MUS 001	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II Music & Entert. Mktg & Content Total Music Industry Seminar	SCH 4 0 1 2 2 3 3 15
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335 *MUS 337 *MUS 307 *MUS 001 *MUS 001 *MUS 001	Music Industry Seminar CM-Commercial Music Ensem Songwriting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic Music Electives Total Music Industry Seminar CM-Commercial Music Ensem	SCH 0 1 3 3 3 3 2 2 15 SCH 0 1	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334 *MUS 338 Second Semester *MUS 001 *MUS 011	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II Music & Entert. Mktg & Content Total Music Industry Seminar CM-Commercial Music Ensem	SCH 4 0 1 2 2 3 3 15
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335 *MUS 337 *MUS 301 *MUS 001 *MUS 001 *MUS 011 *MUS 011	Music Industry Seminar CM-Commercial Music Ensem Songwriting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic Music Electives Total Music Industry Seminar CM-Commercial Music Ensem Capstone Project I	SCH 0 1 3 3 3 3 2 2 15 SCH 0 1 1 1	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334 *MUS 338 Second Semester *MUS 001 *MUS 011 *MUS 413	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II Music & Entert. Mktg & Content Total Music Industry Seminar CM-Commercial Music Ensem Capstone Project II	SCH 4 0 1 2 2 3 3 15
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335 *MUS 337 *MUS 301 *MUS 011 *MUS 011 *MUS 011 *MUS 011 *MUS 412 *MUS 427	Music Industry Seminar CM-Commercial Music Ensem Songw riting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic Music Electives Total Music Industry Seminar CM-Commercial Music Ensem Capstone Project I Scoring for Film & Multimedia	SCH 0 1 3 3 3 3 2 2 15 SCH 0 1 1 2	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334 *MUS 338 Second Semester *MUS 001 *MUS 011 *MUS 413 *MUS 429	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II Music & Entert. Mktg & Content Total Music Industry Seminar CM-Commercial Music Ensem Capstone Project II Music & Arts Entrepreneurship	SCH 4 0 1 2 2 3 3 15
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335 *MUS 337 *MUS 301 *MUS 011 *MUS 011 *MUS 011 *MUS 011 *MUS 412 *MUS 427	Music Industry Seminar CM-Commercial Music Ensem Songw riting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic Music Electives Total Music Industry Seminar CM-Commercial Music Ensem Capstone Project I Scoring for Film & Multimedia Artist Rep, Promotion & Touring	SCH 0 1 3 3 3 3 2 2 15 SCH 0 1 1 2 3	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334 *MUS 338 Second Semester *MUS 001 *MUS 011 *MUS 413 *MUS 429 *MUS 434	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II Music & Entert. Mktg & Content Total Music Industry Seminar CM-Commercial Music Ensem Capstone Project II Music & Arts Entrepreneurship Live Sound Reinforcement	SCH 4 0 1 2 2 3 3 15
*MUS 001 *MUS 011 *MUS 332 *MUS 333 *MUS 335 *MUS 337 *MUS 301 *MUS 011 *MUS 011 *MUS 011 *MUS 011 *MUS 412 *MUS 427	Music Industry Seminar CM-Commercial Music Ensem Songw riting and Pop Techniques Music Hist & Lit I Audio Post- Production Music Publ, Copyright, Lic Music Electives Total Music Industry Seminar CM-Commercial Music Ensem Capstone Project I Scoring for Film & Multimedia Artist Rep, Promotion & Touring	SCH 0 1 3 3 3 3 2 2 15 SCH 0 1 1 2 3	BIO/CHEWESC/PHYS *MUS 001 *MUS 011 *MUS 321 *MUS 324 *MUS 334 *MUS 338 Second Semester *MUS 001 *MUS 011 *MUS 413 *MUS 429 *MUS 434	Science Requirement Music Industry Seminar CM-Commercial Music Ensem Arranging Music Industry Practicum Music Hist & Lit II Music & Entert. Mktg & Content Total Music Industry Seminar CM-Commercial Music Ensem Capstone Project II Music & Arts Entrepreneurship Live Sound Reinforcement Music Industry Internship	SCH 4 0 1 2 2 3 3 15

"C" or better required.

120

79 *Major courses require a "C" or better.

Total SCH

SCH in Major*

PROGRAM OF STUDY IN CRIMINAL JUSTICE ADMINISTRATION

FRESHMAN YEAR	2				
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	Gen. College Math I	3	MATH 134	General College Math II	3
	Science Requirement	4	FS/SP/AR 233	Intermediate Foreign Language	3
HIST 130	Intro to African American History	3	*CJA 230	Intro to Criminal Justice Administration	3
CSC 132	Intro to Computing	3		Global and Intercultural Learning	3
CASS 111	The College Experience I	1			
	Total	17		Total	15
SOPHOMORE YEA	AR				
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communication	3	*CJA 231	The Court System	3
*CJA 233	Theories in Criminology	3	*CJA 234	Women in Criminal Justice	3
CYBR 235	Social, Legal, and Digital Ethics	3	*CJA 237	Intro to Corrections System	3
	Minor Courses	6	*CJA 238	Computing in Justice Administration	3
AA 211	Prof. Pathways Development	1	CYBR 230	Intro to Cybersecurity	3
	Total	16		Total	15
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*CJA 330	Juvenile Justice	3	*CYBR 332	Digital Forensics	3
*CJA 331	Introduction to Forensics	3	*CYBR 335	Ethical Hacking	3
*CJA 333	Victimology	3	*CJA 431	Homeland Security Policy & Pol	3
*SS 231	Quantitative Research Meth.	3	*SS 230	Statistics in Social Sci.	3
	Minor Courses	3	POLS 330	State and Local Govt.	3
	Total	15		Total	15
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*CJA 430	Organ, Mgt, & Admin in JA	3	HIST 430	History of Civil Rights	3
PSY 431	Abnormal Psychology	3	*CJA 434	Capstone	3
POLS 433	International Law and Org	3	*CJA 440	Internship	3
*SS 330	Writing and Present in SS	3	30/110	Minor Courses	6
	Total	12		Total	15

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN CYBERSECURITY

FRESHMAN YEAR	R				
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
PHYS 131	General Physical Science	3	PHYS 140	General Earth Science	4
PHYS 111L	General Physical Science Lab	1	*CSC 132	Intro to Computing & Pro Concepts	3
*CSC 133	Digital Logic	3	*CSC 135	Intro to Programming	3
HIST 130	Intro to African American History	3	BIO/CHEM/ESC/PHY		3
MATH 140	Precalculus	4	BIO/CHEM/ESC/PHY	S General Science Lab	1
CASS 111	The College Experience I	1			
	Total	18		Total	17
SOPHOMORE YE	AR				
First Semester		SCH	Second Semester		SCH
*CSC 136	Algorithm Design I	3	MATH 144	Calculus II	4
ENG 237	Oral Communication	3	*CSC 337	Computer Org and Arch	3
MATH 143	Calculus I	4	FR/SP/AR 233	Intermediate Foreign Language	3
*CSC 231	Assembly Language	3	AA 211	Professional Pathways Dev .	1
	Global & Intercultural Learning	3		Minor Requirement	3
	Total	16		Total	14
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*CSC 339	Data Commun & Networking	3	*CYBR 332	Digital Forensics	3
*CYBR 331	Governance & Risk in Cyber	3	*CYBR 334	Cyber Risk Analysis	3
*CYBR 333	Confidentiality., Integrity & Availab	3	*CYBR 335	Ethical Hacking	3
*MATH 336	Discrete Mathematics	3	*CYBR 338	Intro to Cryptography	3
	Minor Requirement	3		Minor Requirement	3
	Total	15		Total	15
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*CYBR 433	Human Aspects of Comp.	3	*CYBR 431	OS Operations	3
*CYBR 439	Quantum Cryptography	3	*CYBR 437	Senior Capstone	3
	Minor Requirement	3	*CYBR 440	Internship	3
	Elective	4		Minor Requirement	3
	Total	13		Total	12
Total SCH	120				

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN INTERDISCIPLINARY STUDIES

FRESHMANY	/EAR				
First Semest	ter	SCH	Second Seme	ester	SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
	Science Requirement	4	HIST 130	Intro to African American History	3
			FS/SP/AR 233	Intermediate Foreign Language	3
	Free Elective/Minor	2		Free Elective/Minor	5
INTD 111	The College Experience I	1			
	Tatal	40		Tatal	47
	Total	13		Total	17
SOPHOMORE	E YEAR				
First Semest	ter	SCH	Second Seme	ester	SCH
ENG 237	Oral Communication	3			
	Global and Intercultural Learning	3		Free Elective/Minor	15
	Free Elective/Minor	8			
AA 211	Professional Pathways Dev.	1			
	Total	15		Total	15
JUNIOR YEAR	2				
First Semest		SCH	Second Seme	ester	SCH
				Approaches to Critical Analysis and	
*INTD 331	Cultural Perspectives	3	*IDS 339	Thought	3
*INTD 333	Foundations of Interdis Studies	3	*INTD 334	Intro to Statistics in Interdis. Studies	3
*INTD 337	Professional Public Speaking	3	*INTD 435	Intro to Research in Interdis. Studies	3
	Minor Requirement	3		Minor Requirement	3
	Free Elective/Minor	3		Free Elective	3
				Total	15
	Total	15			
SENIOR YEA	R				
First Semest		SCH	Second Seme	ester	SCH
*INTD 433	Research Strategies and Tech.	3	*INTD 434	INTD Capstone	3
*INTD 437	Ideas and Phil. Influences	3	*INTD 438	21st Century Management	3
1110 407	Minor Requirement	3	1110 400	Minor Requirement	3
	Minor Requirement	3		Free Elective/Minor	6
	Free Elective/Minor	3		THE DECLIVE/IVIIIIO	U
	THEE LIECTIVE/IVIIITOI	3			
	Total	15		Total	15
Total SCH	120				
SCH in Major	30				
JOH I II IVIAJOI					

Interdisciplinary Studies majors must pursue at least one minor from the college's options of minors

Only minors in Management and/or Criminal Justice Administration are offered in evening program course rotation

A grade of "C" or better is necessary for any course used to satisfy the requirement of the major or minor

Course substitutions will be permitted with the approval of the student's advisor or program director.

PROGRAM OF STUDY IN POLITICAL SCIENCE

FRESHMAN YEA	N R				
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
	Science Requirement	4	*POLS 231	Introduction to Political Science	3
HIST 130	Intro to African American History	3	EC130/SOC230/PSY230/PHIL230	Intro to Economics or Sociology or	3
11101 100	maro to ranoan ranomoan raiotory	Ū	20100/000200/1 01200/11112200	Psychology or General Philosophy	Ū
CSC 131	Introduction to Computers	3	SS 232	Critical Thinking and Logic	3
CASS 111	The College Experience I	1	30 202		ŭ
0,100 111	The comego Exponence :	•			
	Total	17		Total	15
SOPHOMORE Y	EAR				
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communication	3	HIST 132	World Civilization II	3
FS/SP/AR 233	Intermediate Foreign Language	3	EC130/ SOC230/ PSY230/PHIL230	Intro to Economics or Sociology or	
. 6/6/ // (200	cananc r orongri zaniguago	·		Psychology or General Philosophy	3
HIST 131	World Civilization I	3	*POLS 234	Intro. to International Relations	3
HIST 231	U.S. History I	3	HIST 232	U.S. History II	3
*POLS 233	American National Government	3	11101 202	C.C. Thotory II	Ū
AA 211	Prof. Pathways Development	1			
777 211	1 Tol. 1 alliways Development	'			
	Total	16		Total	12
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
SS 230	Statistics in the Social Sciences	3	*POLS 332A/SS 233/SS 236	Scope & Methods of Political Science or	3
				Quantitative Research Methods or	-
				Qualitative Research Methods	
*POLS 335	United States Foreign Policy	3	*POLS 330/POLS 331	State & Local Government or Municipal	3
. 020 000	omica ciatos i orolgii i onoj	Ū	. 626 666,1 626 661	Government	Ū
*POLS 336	Intro to Public Administration	3	*POLS 338	American Political Parties & Elections	3
. 020 000	Minor Requirements	6	. 010 000	Minor Requirement	3
	minor resquirements	Ū		Minor Requirement	3
				Willion Requirement	3
	Total	15		Total	15
	. • • • • • • • • • • • • • • • • • • •				
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*POLS 430A	The U.S. Congress	3	*POLS 430C	The U.S. Supreme Court	3
*POLS 430B	The U.S. Presidency	3	*POLS 434	Comparative Politics	3
*POLS 431	Modern Political Thought	3	*POLS 438	Applied Political Science Research II	3
*POLS 437	Applied Political Science Research I	3	PHIL 430	Social Ethics	3
1 020 107	Minor Requirement	3	SSCJ 440	Internship	3
	Willor Requirement	3	0000 440	тетыпр	3
	Total	15		Total	15
Total SCH		120			
SCH in Major*		45			
*Major courses re	equire a "C" or better.				

PROGRAM OF STUDY IN BIOLOGY

ENG 131	FRESHMAN YEAR		SCH	Second Semester		SCH
ENG 131					Information, Literacy &	
BIO 117L	ENG 131	Analysis & Argumentation	3	ENG 132		3
STEM 130	MATH 138	College Algebra	3	MATH 140	Precalculus	4
STEM 130	*BIO 117L	Principles of Biology I Lab	1	*BIO 118L	Principles of Biology II Lab	1
STEM 131	*BIO 137	Principles of Biology I	3	*BIO 138	Principles of Biology II	3
Total 17	STEM 130		3	HIST 130	Intro to African American History	3
Total 17			_			
SOPHOMORE YEAR First Semester SCH Second Semes	STEM 111	The College Experience I	1			
First Semester		Total	17		Total	14
First Semester	SOPHOMORE YEA	AR				
MATH 143			SCH	Second Semester		SCH
CHEM 117L	ENG 237	Oral Communication	3	*BIO	BIO 200 Level Lab	1
CHEM 137	MATH 143	Calculus I	4	*BIO	BIO 200 Level	3
*STEM 230/SCI 230 Biomedical Research Biomedical Research Biome	CHEM 117L	Principles of Chemistry I Lab	1	CHEM 118L	Principles of Chemistry II Lab	1
STEM 230/SCI 230 Biomedical Research 3 233/Math 236 Or Probability and Statistics 3 SCI 238 Undergrad. Research in Bio. 3 Intermediate Foreign Language 3 3 3 3 3 3 3 3 3	CHEM 137	Principles of Chemistry I	3	CHEM 138	Principles of Chemistry II	3
AA 211	*STEM 230/SCL230)	3			3
Total 15		Biomedical Research			•	
Total 15	AA 211	Professional Pathways Dev.	1		_	
JUNIOR YEAR First Semester SCH Second Semester SCH *BIO BIO 300 Level Lab 1 *BIO BIO 300 Level 3 3 *CHEM 217L General Physics Lab 1 *CHEM 237 Organic Chemistry 1 3 *CHEM 232 General Physics 1 3 3 *CHEM 231 General Physics 1 3 3 *CHEM 238 Organic Chemistry 1 1 3 3 *CHEM 238 Organic Chemistry 1 3 3 3 3 3 3 3 3 3				FR/SP/AR 233	Intermediate Foreign Language	3
SCH		Total	15		Total	17
*BIO BIO 300 Level Lab 1 *BIO BIO 300 Level Lab 1 *BIO BIO 300 Level Lab 1 *BIO BIO 300 Level 3 *BIO CHEM 217L Organic Chemistry I Lab 1 *PHYS 212L General Physics II Lab 1 CHEM 237 Organic Chemistry II 3 *PHYS 2312 General Physics II 3 *BIO General Physics I Lab 1 CHEM 218L Organic Chemistry II Lab 1 PHYS 231 General Physics I 3 *CHEM 238 Organic Chemistry II Lab 1 *BIO STEMIST	JUNIOR YEAR					
*BIO BIO 300 Level 3 *BIO BIO 300 Level 3 *BIO BIO 300 Level 3 *CHEM 217L Organic Chemistry I Lab 1 *PHYS 212L General Physics II Lab 1 *CHEM 237 Organic Chemistry II 3 *PHYS 232 General Physics II 3 PHYS 211L General Physics I Lab 1 *CHEM 218L Organic Chemistry II Lab 1 *CHEM 218L Organic Chemistry II Lab 1 *CHEM 231 General Physics I 3 *CHEM 238 Organic Chemistry II Lab 1 *CHEM 231 Organic Chemistry II Lab 1 *CHEM 238 Organic Chemistry II Lab 1 *CHEM 238 Organic Chemistry II *CHEM 238 Organic Chemistry	First Semester		SCH	Second Semester		SCH
CHEM 217L Organic Chemistry Lab 1 *PHYS 212L General Physics Lab 1 CHEM 237 Organic Chemistry 3 *PHYS 232 General Physics 3 PHYS 211L General Physics Lab 1 CHEM 218L Organic Chemistry 1 3 PHYS 231 General Physics 3 CHEM 238 Organic Chemistry Lab 1 PHYS 231 General Physics 3 CHEM 238 Organic Chemistry 3 SCI 331 or Honors 240 Ethics in Science or 1 International Exploration 3 STEM 328 Career Entrance Exams Prep 2 PTOTAL 14 SENIOR YEAR First Semester SCH Second Semester SCH Second Semester SCH Second Semester SCH SEOND BIO 400 Level 3 *BIO BIO 400 Level 3 *BIO BIO 400 Level 4 *BIO BIO 400 Level 4 *BIO BIO 400 Level 4 *BIO BIO 422 Senior Research Biology 2 *BIO 421 Senior Research Biology 2 *SCI 434 Special Topics in Biology 3 *BIO BIO BIO Elective 4 *BIO BIO Elective 2 *BIO BIO Elective 4 *BIO BIO Elective 2 *BIO BIO Elective 2 *BIO Elective 4 *BIO BIO Elective 2 *BIO Elective 4 *BIO Elective 2 *BIO Elective 4 *BIO Elective 2 *BIO Elective 2 *BIO Elective 4 *BIO Elective	*BIO	BIO 300 Level Lab	1	*BIO	BIO 300 Level Lab	1
CHEM 237 Organic Chemistry II 3 *PHYS 232 General Physics II 3 PHYS 211L General Physics I Lab 1 CHEM 218L Organic Chemistry II Lab 1 PHYS 231 General Physics I 3 CHEM 238 Organic Chemistry II 3 SCI 331 or Honors 340 Ethics in Science or International Exploration I 3 STEM 328 Career Entrance Exams Prep 2 SENIOR YEAR First Semester SCH Second Semester SCH Second Semester SCH Second Semester SCH SENIOR YEAR *BIO BIO 400 Level Lab 1 *BIO BIO 400 Level 3 *BIO BIO 400 Level 3 *BIO BIO Elective 4 4 *BIO Elective 4 *BIO Elective 2 *BIO 430 *BIO Elective 2 *BIO 434 *Special Topics in Biology 3 *BIO Elective 2 *Global & Intercultural Learning 3 *BIO Elective 2 *CI 434 *Special Topics in Biology 3	*BIO	BIO 300 Level	3	*BIO	BIO 300 Level	3
PHYS 211L General Physics I Lab 1 CHEM 218L Organic Chemistry II Lab 1 PHYS 231 General Physics I 3 CHEM 238 Organic Chemistry II 3 SCI 331 or Honors 240 International Exploration I 3 STEM 328 Career Entrance Exams Prep 2 Total 15 Total 14 SENIOR YEAR First Semester SCH Second Semester SCH 8IO BIO 400 Level Lab 1 *BIO BIO 400 Level A BIO 400 Level Lab 1 *BIO BIO 500 BIO 600 Level 600 BIO 6	CHEM 217L	= -	1	*PHYS 212L	General Physics II Lab	1
PHYS 231 General Physics I SCI 331 or Honors 340 Ethics in Science or International Exploration I 3 STEM 328 Career Entrance Exams Prep 2 Total 15 Total 14 SENIOR YEAR First Semester SCH Second Semester ** *BIO BIO 400 Level Lab 1 **BIO BIO 400 Level 3 ** *BIO BIO 400 Level Lab 1 **BIO BIO Elective 4 ** *BIO BIO 400 Level Lab 1 **BIO 422 Senior Research Biology I 2 ** *BIO 421 Senior Research Biology I 2 SCI 434 Special Topics in Biology 3 ** *BIO BIO Elective 4 Global & Intercultural Learning 3 ** Total 14 Total SCH 120	CHEM 237	-	3	*PHYS 232	•	3
SCI 331 or Honors 340 Ethics in Science or International Exploration I 3 STEM 328 Career Entrance Exams Prep 2 Total 15 Total 14 SENIOR YEAR First Semester SCH Second Semester SCH *BIO BIO 400 Level Lab 1 *BIO BIO 400 Level 3 *BIO BIO 400 Level Lab 1 *BIO BIO Elective 4 *BIO BIO 400 Level Lab 1 *BIO 422 Senior Research Biology II 2 *BIO 421 Senior Research Biology I 2 SCI 434 Special Topics in Biology 3 *BIO BIO Elective 4 Elective 2 *BIO BIO Elective 4 Elective 2 *BIO Total 14 Total 14	_	•				-
Total 15 Total 14		-	3	CHEM 238	Organic Chemistry II	3
Total 15 Total 14 SENIOR YEAR First Semester SCH Second Semester SCH SCH Semester SCH Semester SCH Semester SCH Semester SCH SCH Semester SCH SCH Semester SCH SCH Semester SCH			3	STEM 328	Career Entrance Exams Prep	2
SENIOR YEAR First Semester *BIO BIO 400 Level Lab 1 *BIO BIO 400 Level 3 *BIO BIO 400 Level BIO 400 Level Lab 1 *BIO BIO 400 Level 4 *BIO BIO 422 Senior Research Biology II 2 *BIO 421 Senior Research Biology II 2 *BIO 421 Senior Research Biology II 3 *BIO BIO Elective 4 *BIO Elective 2 *BIO BIO Elective 4 *BIO Elective 7 *BIO BIO Elective 4 *BIO Elective 4 *BIO Elective 5 *CH *BIO BIO Elective 4 *BIO Elective 5 *CH *BIO Elective 5 *CH *BIO Elective 4 *BIO Elective 5 *CH *BIO Elective 4 *BIO Elective 5 *CH *BIO Elective 4 *BIO Elective 5 *CH *BIO Elective 6 *CH *BIO Elective 5 *CH *BIO Elective 4 *BIO Elective 5 *CH *BIO Elective 4 *BIO Elective 5 *CH *BIO Elective 5 *CH *BIO Elective 4 *BIO Elective 5 *CH *BIO Elective 5 *CH *BIO Elective 5 *CH *BIO Elective 5 *CH *BIO Elective 6 *CH *BIO Elective 5 *CH *BIO Elective 6 *CH *BIO Elective 7 *CH *BIO Elective 6 *CH *BIO Elective 6 *CH *BIO Elective 7 *CH *BIO Elective 6 *CH *BIO Elective 7 *CH *BIO Elective 8 *CH *BIO Electiv	040	international Exploration (_
First Semester *BIO BIO 400 Level Lab 1 *BIO BIO 400 Level 3 *BIO BIO 400 Level 3 *BIO BIO Elective 4 *BIO BIO 400 Level Lab 1 *BIO 422 Senior Research Biology II 2 *BIO 421 Senior Research Biology I 2 SCI 434 Special Topics in Biology 3 *BIO BIO Elective 4 Elective 2 Global & Intercultural Learning 3 Total 14 Total SCH *BIO Total 14		Total	15		Total	14
*BIO	SENIOR YEAR					
*BIO BIO 400 Level 3 *BIO BIO Elective 4 *BIO BIO 400 Level Lab 1 *BIO 422 Senior Research Biology II 2 *BIO 421 Senior Research Biology I 2 SCI 434 Special Topics in Biology 3 *BIO BIO Elective 4 Elective 2 Global & Intercultural Learning 3 Total 14 Total SCH 120	First Semester		SCH	Second Semester		SCH
*BIO BIO 400 Level Lab 1 *BIO 422 Senior Research Biology I 2 *BIO 421 Senior Research Biology I 2 SCI 434 Special Topics in Biology 3 *BIO BIO Elective 4 Elective 2 Global & Intercultural Learning 3 Total 14 Total SCH 120	*BIO	BIO 400 Level Lab	1	*BIO	BIO 400 Level	3
*BIO 421 Senior Research Biology I 2 SCI 434 Special Topics in Biology 3 Elective 2 Global & Intercultural Learning 3 Total 14 Total SCH 120	*BIO	BIO 400 Level	3	*BIO	BIO Elective	4
*BIO BIO Elective 4 Elective 2 Global & Intercultural Learning 3 Total 14 Total SCH 120			1	*BIO 422	Senior Research Biology II	2
Global & Intercultural Learning 3 Total 14 Total 14 Total SCH 120 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 <		0,		SCI 434		
Total SCH 120 Total Total 14 Total 120	*BIO				Elective	2
Total SCH 120		Global & Intercultural Learning	3			
		Total	14		Total	14
SCH in Major* 43	Total SCH	120				
	SCH in Major*	43				

^{*}BIO Electives = BIO, CHEM, EHS, SCI, or STEM 200 level or above in Biology, Chemistry, or Environ. Health Science

*Major courses require a "C" or better.

PROGRAM OF STUDY IN BIOLOGY PreMed

FRESHMAN YEAR First Semester ENG 131	Analysis & Argumentation	sсн 3	Second Semester	r Information, Literacy & Research	SCH 3
MATH 138	College Algebra	3	MATH 140	Precalculus	4
*BIO 117L	Principles of Biology I Lab	1	*BIO 118L	Principles of Biology II Lab	1
*BIO 137	Principles of Biology I	3	*BIO 138	Principles of Biology II	3
CHEM 117L	Principles of Chemistry I Lab	1	CHEM 118L	Principles of Chemistry II Lab	3
CHEM137	Principles of Chemistry I	3	CHEM 118	Principles of Chemistry II	1
STEM 130	History of Biology	3	HIST 130	Intro to African American History	3
STEM 111	The College Experience I	1			
	Total	18		Total	18
SOPHOM ORE YEAR First Semester		SCH	Second Semeste	r	SCH
ENG 237	Oral Communication	3 CH	*BIO 218L	Genetics Lab	3 CH
MATH 143	Calculus I	4	*BIO 218	Genetics Lab	1
CHEM 217L	Organic Chemistry I Lab	1	CHEM 218L	Organic Chemistry II Lab	1
CHEM 237	Organic Chemistry I	3	CHEM 238	Organic Chemistry II	3
*STEM 230/SCI 230	Scientific Writing or Biomedical Research	3	CSC 230/STEM	Visual Basic, or Data Analysis, or	3
AA 211	Professional Pathways Dev.	1	233/Math 236 SCI 238	Probability and Statistics Undergrad. Research in Bio.	3
74.211	FIGURESSIONAL FAULW AYS DEV.	•	FR/SP/AR 233	Intermediate Foreign Language	3
	Total	15		Total	17
JUNIOR YEAR					
First Semester	Ones and the American Lab	SCH	Second Semester		SCH
*BIO 311L *BIO 331	Comparative Anatomy Lab	1 3	*BIO 315L *BIO 335	Human Anatomy Lab Human Anatomy	1 3
PHYS 211L	Comparative Anatomy General Physics I Lab	3 1	*BIO 333	Microbiology Lab	3 1
PHYS 231	General Physics	3	*BIO 339	Microbiology	3
CHEM 319L	Biochemistry Lab	1	PHYS 212L	General Physics II Lab	1
CHEM 339	Biochemistry	3	PHYS 232	General Physics II	3
	•		STEM 328	Career Entrance Exams Prep	2
	Total	12		Total	14
SENIOR YEAR		0011	0	_	0011
First Semester	Conjor Doggarah in Distance	SCH	Second Semester		SCH
*BIO 421	Senior Research in Biology I Histology Lecture/Lab	2 4	*PIO 422	Global and Intercultural Learning	3 2
*BIO 440 *BIO 412L	Immunology Lab	4 1	*BIO 422 *BIO 418L	Senior Research in Biology II Cell and Molecular Biology Lab	1
_	=-	3			· ·
*BIO 432 *BIO	Immunology Biology Elective	2	*BIO 438	Cell and Molecular Biology	3
ВЮ	Biology Liective	2	SCI 331 or HON 340	Ethics in Science or Intl Explor.	3
				Elective	2
	Total	12		Total	14
Total CCLI	100				

^{*}Major courses require a "C" or better.

^{*}Bio Electives = BIO, CHEM, EHS, SCI, OR STEM 200 level or above, Biology, Chemistry, or Environ Health Science

PROGRAM OF STUDY IN CARDIOVASCULAR TECHNOLOGY

FRESHMAN YEAR	2				
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
*MATH 140	Precalculus	4	*MATH 143	Calculus I	4
*BIO 117L	Principles of Biology I Lab	1	*BIO 118L	Principles of Biology II Lab	1
*BIO 137	Principles of Biology I	3	*BIO 138	Principles of Biology II	3
*CHEM 117L	Principles of Chemistry I Lab	1	*CHEM 118L	Principles of Chemistry II Lab	1
*CHEM 137	Principles of Chemistry I	3	*CHEM 138	Principles of Chemistry II	3
STEM 111	The College Experience I	1			
	Total	16		Total	15
SOPHOM ORE YEA	AR				
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communication	3	*BIO 238	Genetics	3
HIST 130	Intro to African American History	3	*CHEM 218L	Organic Chemistry II Lab	1
*CHEM 217L	Organic Chemistry I Lab	1	*CHEM 238	Organic Chemistry II	3
*CHEM 237	Organic Chemistry I	3	*BIO 316L	Human Anatomy & Phys II Lab	1
*BIO 315L	Human Anatomy & Phys I Lab	1	*BIO 336	Human Anatomy & Physiology II	3
*BIO 335	Human Anatomy & Physiology I	3	PSY/SOC 230	Intro to Psychology/Sociology	3
*BIO 212	Medical Terminology	1	FS/SP/AR 233	Intermediate Foreign Language	3
AA 211	Professional Pathways Dev.	1		and the second s	
	Total	16		Total	17
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*PHYS 213L	Principles Physics I Lab	1	*PHYS 214L	Principles Physics II Lab	1
*PHYS 233	Principles Physics I	3	*PHYS 234	Principles Physics II	3
*BIO/CHEM	Biology or Chemistry Elective	4	*BIO/CHEM	Biology or Chemistry Elective	4
CSC 132	Intro Comp & Programming	3	MATH 236	Probability and Statistics	3
	General Electives	2	*BIO 418L	Cell and Molecular Biology Lab	1
			*BIO 438	Cell and Molecular Biology	3
	Total	13		Total	15

Program Completion Plan-Will exceed four (4) years

Student completers: must be admitted to an off campus CVT Training site, complete an 18 month Cardiovascular Technology Training Program, and earn 28 semester credit hours.

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN CHEMISTRY

FRESHMAN YEAR	R				
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140	Precalculus	4
*CHEM 117L	Principles of Chemistry I Lab	1	*CHEM 118L	Principles of Chemistry II Lab	1
*CHEM 137	Principles of Chemistry I	3	*CHEM 138	Principles of Chemistry II	3
BIO 117L	Principles of Biology I Lab	1	BIO 118L	Principles of Biology II Lab	1
BIO 137	Principles of Biology I	3	BIO 138	Principles of Biology II	3
STEM 111	The College Experience I	1			
	Total	15		Total	15
SOPHOM ORE YEA	AR				
First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communication	3	MATH 144	Calculus II	4
MATH 143	Calculus I	4	*CHEM 218L	Organic Chemistry II Lab	1
*CHEM 217L	Organic Chemistry I Lab	1	*CHEM 238	Organic Chemistry II	3
*CHEM 237	Organic Chemistry I	3	*CHEM 232	Scientific Writing	3
HIST 130	Intro to African American Histor	3		Global & Intercultural Learning	3
AA 211	Professional Pathways Dev.	1	FS/SP/AR 233	Intermediate Foreign Language	3
	Total	15		Total	17
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*CHEM 313L	Analytical Chemistry Lab	1	*CHEM 314L	Instrum Meth of Analysis Lab	1
*CHEM 333	Analytical Chemistry	3	*CHEM 334	Instrum Meth of Analysis	3
*CHEM 315L	Inorganic Chemistry Lab	1	PHYS 214L	Principles of Physics II Lab	1
*CHEM 335	Inorganic Chemistry	3	PHYS 234	Principles of Physics II	3
PHYS 213L	Principles of Physics I Lab	1	CSC 135	Introduction to Programming	3
PHYS 233	Principles of Physics I	3	STEM 328	Career Entrance Exams Prep	2
STEM 233	Data Analysis	3			
	Total	15		Total	13
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*CHEM 411L	Physical Chemistry I Lab	1	*CHEM 412L	Physical Chemistry II Lab	1
*CHEM 431	Physical Chemistry I	3	*CHEM 432	Physical Chemistry II	3
*CHEM	CHEM Elective	3	*CHEM 430	Senior Research in Chemistry	3
*CHEM 417L	Biochemistry Lab	1		300 Level STEM Lecture	3
*CHEM 437	Biochemistry	3		300 Level STEM Lab	1
	300 Level STEM Lecture	3		General Electives	2
	General Electives	3			
	Total	17		Total	13
Total SCH	120				
SCH in Major*	49				
•					

^{*}Major courses require a "C" or better.

CHEM Elective = CHEM 336 or CHEM 438 or ENVE 330 STEM Lecture and Lab includes = BIO, CHEM, EHS, SCI, or STEM 300 level or above General Electives = Any course, but MATH 236 is highly recommended

PROGRAM OF STUDY IN CHEMISTRY CONCENTRATION: PRE-PHARMACY FRESHMAN YEAR

First Semester		SCH
ENG 131	Analysis & Argumentation	3
MATH 138	College Algebra	3
*CHEM 117L	Principles of Chemistry I Lab	1
*CHEM 137	Principles of Chemistry I	3
BIO 117L	Principles of Biology I Lab	1
BIO 137	Principles of Biology I	3
STEM 111	The College Experience I	1
	Total	15

Second Semester		SCH
ENG 132	Information, Literacy &	3
LING 102	Research	3
MATH 140	Precalculus	4
*CHEM 118L	Principles of Chemistry II Lab	1
*CHEM 138	Principles of Chemistry II	3
BIO 118L	Principles of Biology II Lab	1
BIO 138	Principles of Biology II	3
	Total	15

Total

Total

17

12

SOPHOMORE YEAR

First Semester		SCH	Second Semester		SCH
ENG 237	Oral Communication	3	MATH 144	Calculus II	4
MATH 143	Calculus I	4	*CHEM 218L	Organic Chemistry II Lab	1
*CHEM 217L	Organic Chemistry I Lab	1	*CHEM 238	Organic Chemistry II	3
*CHEM 237	Organic Chemistry I	3	*CHEM 232	Scientific Writing	3
HIST 130	Intro to African American History	3	EC 130	Intro to Economics	3
AA 211	Professional Pathways Dev.	1	FS/SP/AR 233	Intermediate Foreign Language	3
	Total	15		Total	17

JUNIOR YEAR

First Semester		SCH	Second Semester		SCH
*CHEM 313L	Analytical Chemistry Lab	1	*CHEM 314L	Instrum Meth of Analysis Lab	1
*CHEM 333	Analytical Chemistry	3	*CHEM 334	Instrum Meth of Analysis	3
*CHEM 315L	Inorganic Chemistry Lab	1	PHYS 214L	Principles of Physics II Lab	1
*CHEM 335	Inorganic Chemistry	3	PHYS 234	Principles of Physics II	3
PHYS 213L	Principles of Physics I Lab	1	BIO 336	Prin Human Anatomy & Phys II	3
PHYS 233	Principles of Physics I	3	PSY/SOC 230	Intro Psychology/Sociology	3
BIO 335	Prin Human Anatomy & Phys I	3	BIO 339	Microbiology	3

15

14

SENIOR YEAR

First Semester		SCH	Second Semester		SCH
*CHEM 411L	Physical Chemistry I Lab	1	*CHEM 412L	Physical Chemistry II Lab	1
*CHEM 431	Physical Chemistry I	3	*CHEM 432	Physical Chemistry II	3
*CHEM 417L	Biochemistry Lab	1	*CHEM 430	Senior Research in Chemistry	3
*CHEM 437	Biochemistry	3	STEM 328	Career Entrance Exam Prep	2
CSC 135	Intro to Programming	3		General Electives	3
MATH 236	Probability and Statistics	3			

Total SCH 120 SCH in Major* 46

Total

Total

General Electives = Any course

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN COMPUTER SCIENCE

ENG 131	SCH
**CSC 132 Intro to Computing and Prog. Concept 3 **CSC 135 Introduction to Programming **CSC 133 Digital Logic 3 **CSC 139 Web Development HIST 130 Intro to African American History 3 **CSC 139 Web Development The College Experience 1 **Lead Health and Wellness The College Experience II **Total **SOPHOMORE YEAR **First Semester **CSC 136 Algorithm Design I 3 MATH 230 Linear Algebra MATH 336 Discrete Mathematics 3 **CSC 138 Algorithm Design II MSC 237 Oral Communication 3 **CSC 234 Theory of Computations **CSC 231 Assembly Language 3 **CSC 235 Fundamentals of App Development **CSC 232 Foundations of App Development 3 **FS/SP/AR 233 Intermediate Foreign Language **Total **Total **Total **Total **JUNIOR YEAR **First Semester **SCH **Second Semester **FVS 233	3
**CSC 133 Digital Logic 3 **CSC 139 Web Development HIST 130 Intro to African American History 3 Global and Intercultural Learning STEM 111 The College Experience 1 Health and Wellness The College Experience II Total Total SCH Second Semester **CSC 136 Algorithm Design I 3 MATH 230 Linear Algebra MATH 336 Discrete Mathematics 3 *CSC 138 Algorithm Design II BNG 237 Oral Communication 3 *CSC 234 Theory of Computations *CSC 231 Assembly Language 3 *CSC 235 Fundamentals of App Development *CSC 232 Foundations of App Development 3 *FS/SP/AR 233 Intermediate Foreign Language *STEM 221 Professional Pathways Dev. 2 Global and Intercultural Learning Total 17 Total Total Total 19 Principles of Physics II Lab *CSC 237 Java Programming 3 *CSC 334	4
**CSC 133 Digital Logic 3 **CSC 139 Web Development HIST 130 Intro to African American History 3 Global and Intercultural Learning STEM 111 The College Experience 1 Health and Wellness The College Experience II Total Total SCH Second Semester **CSC 136 Algorithm Design I 3 MATH 230 Linear Algebra MATH 336 Discrete Mathematics 3 *CSC 138 Algorithm Design II BNG 237 Oral Communication 3 *CSC 234 Theory of Computations *CSC 231 Assembly Language 3 *CSC 235 Fundamentals of App Development *CSC 232 Foundations of App Development 3 *FS/SP/AR 233 Intermediate Foreign Language *STEM 221 Professional Pathways Dev. 2 Global and Intercultural Learning Total 17 Total Total Total 19 Principles of Physics II Lab *CSC 237 Java Programming 3 *CSC 334	3
HIST 130 Intro to African American History STEM 111 The College Experience 1 Total 17 Total SOPHOMORE YEAR First Semester *CSC 136 Algorithm Design I 3 MATH 230 Linear Algebra MATH 336 Discrete Mathematics 3 CSC 238 Algorithm Design II BNG 237 Oral Communication 3 CSC 234 Theory of Computations *CSC 231 Assembly Language 3 CSC 235 Fundamentals of App Development *CSC 232 Foundations of App Development 3 FS/SP/AR 233 Intermediate Foreign Language STEM 221 Professional Pathways Dev. 2 Global and Intercultural Learning JUNIOR YEAR First Semester HY'S 233 Prin of Physics I 3 PHYS 234 Principles of Physics II Lab *CSC 233 Ala Structures 3 CSC 236 Principles of Physics II PHYS 214L Principles of Physics II Lab *CSC 237 Alava Programming 3 MATH 236 Probability and Statistics *CSC 238 Advanced Concepts in App Development 3 CSC 238 Intro to Computer Security *CSC 236 Advanced Concepts in App Development 3 CSC 238 Intro to Computer Security *CSC 337 Computer Org and Architecture 3 CSC 338 Intro to Computer Security *CSC 337 Computer Org and Architecture 3 CSC 338 Intro to Artificial Intelligence *General Bectives 3 CSC 436 Operating Systems *CSC 435 Software Engineering Principles 3 CSC 436 Detabase Management *CSC 339 Data Comm. & Netw orking 3 CSC 437 Senior Capstone	3
STEM 1111 The College Experience 1 Health and Wellness The College Experience III Total 17 Total SOPHOMORE YEAR First Semester SCH Second Semester **CSC 136 Algorithm Design I 3 MATH 230 Linear Algebra MATH 336 Discrete Mathematics 3 *CSC 138 Algorithm Design II ENG 237 Oral Communication 3 *CSC 234 Theory of Computations **CSC 231 Assembly Language 3 *CSC 235 Fundamentals of App Development **CSC 232 Foundations of App Development 3 FS/SP/AR 233 Intermediate Foreign Language **SEME 221 Professional Pathways Dev. 2 Global and Intercultural Learning JUNIOR YEAR **First Semester** **SCH **Second Semester** **PHYS 233 Prin of Physics I 3 **PHYS 234 Principles of Physics II Lab **PHYS 213L Prin of Physics I Lab 1 PHYS 214L Principles of Physics II Lab **CSC 233 Java Programming </td <td>3</td>	3
Total	2
SOPHOMORE YEAR First Semester CSC 136 Algorithm Design I 3 MATH 230 Linear Algebra MATH 336 Discrete Mathematics 3 "CSC 138 Algorithm Design II ENG 237 Oral Communication 3 "CSC 234 Theory of Computations "CSC 231 Assembly Language 3 "CSC 235 Fundamentals of App Development "CSC 232 Foundations of App Development 3 FS/SPIAR 233 Intermediate Foreign Language STEM 221 Professional Pathways Dev. 2 Global and Intercultural Learning JUNIOR YEAR First Semester PHYS 233 Prin of Physics I 1 3 PHYS 234 Principles of Physics II 1 PHYS 213L Prin of Physics I Lab 1 PHYS 214L Principles of Physics II Lab "CSC 237 Java Programmring 3 MATH 236 Probability and Statistics "CSC 233 Data Structures 3 "CSC 238 Intro to Computer Security "CSC 336 Advanced Concepts in App Development 3 "CSC 238 Intro to Computer Security "CSC 337 Computer Org and Architecture 3 "CSC 334 Adv. Algorithms Design "CSC 337 Computer Org and Architecture 3 "CSC 338 Intro to Artificial Intelligence General Electives 3 "CSC 436 Operating Systems "CSC 435 Softw are Engineering Principles 3 "CSC 436 Operating Systems "CSC 435 Programming Languages 3 "CSC 434 Database Management "CSC 433 Data Comm. & Networking 3 "CSC 437 Senior Capstone	1
First Semester *CSC 136 Algorithm Design I 3 MATH 230 Linear Algebra MATH 336 Discrete Mathematics 3 *CSC 138 Algorithm Design II BNG 237 Oral Communication 3 *CSC 234 Theory of Computations *CSC 231 Assembly Language 3 *CSC 235 Fundamentals of App Development *CSC 232 Foundations of App Development 3 FS/SP/AR 233 Intermediate Foreign Language STEM 221 Professional Pathways Dev. 2 Global and Intercultural Learning JUNIOR YEAR First Semester HYS 233 Prin of Physics I Prin of Physics I Lab 11 PHYS 213L Prin of Physics I Lab 11 PHYS 214L Principles of Physics II Lab *CSC 237 Java Programming 3 MATH 236 Probability and Statistics *CSC 333 Data Structures 3 *CSC 238 Intro to Computer Security *CSC 336 Advanced Concepts in App Development 3 *CSC 238 Intro to Computer Security *CSC 337 Computer Org and Architecture 3 *CSC 338 Total 19 Total SENIOR YEAR First Semester First Semester First Semester *CSC 435 Softw are Engineering Principles 3 *CSC 434 Programming Languages 3 *CSC 434 Programming Languages 3 *CSC 435 Senior Capstone	19
*CSC 136 Algorithm Design I 3 MATH 230 Linear Algebra MATH 336 Discrete Mathematics 3 *CSC 138 Algorithm Design II BNG 237 Oral Communication 3 *CSC 234 Theory of Computations *CSC 231 Assembly Language 3 *CSC 235 Fundamentals of App Development *CSC 232 Foundations of App Development 3 FS/SP/AR 233 Intermediate Foreign Language STEM 221 Professional Pathw ays Dev. 2 Global and Intercultural Learning **Total** **Total** **JUNIOR YEAR** *First Semester** *HYS 233 Prin of Physics I 3 PHYS 234 Principles of Physics II PHYS 213L Prin of Physics I Lab 1 PHYS 214L Principles of Physics II Lab **CSC 237 Java Programming 3 MATH 236 Probability and Statistics **CSC 333 Data Structures 3 *CSC 238 Intro to Computer Security **CSC 336 Advanced Concepts in App Development 3 *CSC 238 Intro to Computer Security **CSC 337 Computer Org and Architecture 3 *CSC 334 Adv. Algorithms Design **CSC 337 Total** **SENIOR YEAR** **First Semester **CSC 431 Programming Languages 3 *CSC 434 Database Management **CSC 431 Programming Languages 3 *CSC 434 Database Management **CSC 433 Senior Capstone	
MATH 336 Discrete Mathematics 3 "CSC 138 Algorithm Design II ENG 237 Oral Communication 3 "CSC 234 Theory of Computations "CSC 231 Assembly Language 3 "CSC 235 Fundamentals of App Development "CSC 232 Foundations of App Development 3 FS/SP/AR 233 Intermediate Foreign Language STEM 221 Professional Pathw ays Dev. 2 Global and Intercultural Learning Total 17 Total JUNIOR YEAR First Semester HYS 233 Prin of Physics I 3 PHYS 234 Principles of Physics II PHYS 213L Prin of Physics I Lab 1 PHYS 214L Principles of Physics II Lab "CSC 237 Java Programming 3 MATH 236 Probability and Statistics "CSC 333 Data Structures 3 "CSC 238 Intro to Computer Security "CSC 336 Advanced Concepts in App Development 3 "CSC 334 Adv. Algorithms Design "CSC 337 Computer Org and Architecture 3 "CSC 338 Intro to Artificial Intelligence General Electives 3 "CSC 338 Intro to Artificial Intelligence General Electives 3 "CSC 436 Operating Systems "CSC 431 Programming Languages 3 "CSC 434 Database Management "CSC 431 Programming Languages 3 "CSC 437 Senior Capstone	SCH
ENG 237 Oral Communication 3 "CSC 234 Theory of Computations" "CSC 231 Assembly Language 3 "CSC 235 Fundamentals of App Development "CSC 232 Foundations of App Development 3 FS/SP/AR 233 Intermediate Foreign Language STEM 221 Professional Pathways Dev. 2 Global and Intercultural Learning Total 17 Total JUNIOR YEAR First Semester PHYS 233 Prin of Physics I 3 PHYS 234 Principles of Physics II PHYS 213L Prin of Physics I Lab 1 PHYS 214L Principles of Physics II Lab "CSC 237 Java Programming 3 MATH 236 Probability and Statistics "CSC 333 Data Structures 3 "CSC 238 Intro to Computer Security "CSC 336 Advanced Concepts in App Development 3 "CSC 238 Intro to Artificial Intelligence General Electives 3 "CSC 338 Intro to Artificial Intelligence General Electives 3 "CSC 338 Operating Systems Total 19 Total SENIOR YEAR First Semester "CSC 431 Programming Languages 3 "CSC 434 Database Management "CSC 339 Data Comm. & Networking 3 "CSC 437 Senior Capstone	3
*CSC 231 Assembly Language 3 *CSC 235 Fundamentals of App Development 3 FS/SP/AR 233 Intermediate Foreign Language Global and Intercultural Learning FS/SP/AR 233 Intermediate Foreign Language Global and Intercultural Learning FS/SP/AR 233 Intermediate Foreign Language Global and Intercultural Learning FS/SP/AR 233 Prin of Physics I SCH Second Semester PHYS 233 Prin of Physics I 3 PHYS 234 Principles of Physics II Abpertical Prin of Physics I Lab PHYS 213L Prin of Physics I Lab PHYS 213L Prin of Physics I Lab PHYS 214L Principles of Physics II Lab PHYS 213L Prin of Physics II App Probability and Statistics Probability and Statistics Probability and Statistics Probability and Statistics Proceedings Proposed Proposed Physics II App Probability and Statistics Probability Adv. Algorithms Design Probability Adv. Algorithms Design Probability Adv. Algor	3
*CSC 232 Foundations of App Development 3 FS/SP/AR 233 Intermediate Foreign Language Global and Intercultural Learning *Total 17 Total *Total *Total Total Total *Total Total *Total *Total *Total *Total *Total *CSC 233 Prin of Physics I Brin of Physics I Brin of Physics I Lab *CSC 237 Prin of Physics I Brin of Physics I Lab *CSC 237 Prin of Physics I Lab *CSC 237 Probability and Statistics *CSC 333 Pata Structures 3 *CSC 238 Intro to Computer Security *CSC 336 Advanced Concepts in App Development 3 *CSC 334 Adv. Algorithms Design *CSC 337 Computer Org and Architecture 3 *CSC 338 Intro to Artificial Intelligence *General Electives 3 *CSC 338 Intro to Artificial Intelligence *General Electives 3 *CSC 435 Softw are Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	3
Total Total Total Total Total Total Total Total Total JUNIOR YEAR First Semester FHYS 233 Prin of Physics I 3 Phy's 234 Principles of Physics II Phy's 213L Prin of Physics I Lab "CSC 237 Java Programming 3 MATH 236 Probability and Statistics "CSC 333 Data Structures 3 "CSC 238 Intro to Computer Security "CSC 336 Advanced Concepts in App Development 3 "CSC 334 Adv. Algorithms Design "CSC 337 Computer Org and Architecture 3 "CSC 338 Intro to Artificial Intelligence General Electives 3 "CSC 338 Intro to Artificial Intelligence Total Total SENIOR YEAR First Semester "CSC 435 Softw are Engineering Principles 3 "CSC 436 Operating Systems "CSC 431 Programming Languages 3 "CSC 434 Database Management "CSC 339 Data Comm. & Netw orking 3 "CSC 437 Senior Capstone	3
JUNIOR YEAR First Semester PHYS 233 Prin of Physics I 3 PHYS 234 Principles of Physics II PHYS 213L Prin of Physics I Lab 1 PHYS 214L Principles of Physics II Lab **CSC 237 Java Programming 3 MATH 236 Probability and Statistics **CSC 333 Data Structures 3 **CSC 238 Intro to Computer Security **CSC 336 Advanced Concepts in App Development 3 **CSC 334 Adv. Algorithms Design **CSC 337 Computer Org and Architecture 3 **CSC 338 Intro to Artificial Intelligence General Electives 3 ** Total 19 Total SENIOR YEAR First Semester **CSC 435 Softw are Engineering Principles 3 **CSC 436 Operating Systems **CSC 431 Programming Languages 3 **CSC 434 Database Management **CSC 339 Data Comm. & Netw orking 3 **CSC 437 Senior Capstone	3
JUNIOR YEAR First Semester PHYS 233 Prin of Physics I PHYS 213L Prin of Physics I Lab *CSC 237 Java Programming 3 MATH 236 Probability and Statistics *CSC 333 Data Structures 3 *CSC 238 Intro to Computer Security *CSC 336 Advanced Concepts in App Development 3 *CSC 334 Adv. Algorithms Design *CSC 337 Computer Org and Architecture 3 *CSC 338 Intro to Artificial Intelligence General Electives 3 *Total 19 Total SENIOR YEAR First Semester *CSC 435 Softw are Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 437 Senior Capstone	3
First Semester PHYS 233 Prin of Physics I PHYS 213L Prin of Physics I Lab PHYS 213L Prin of Physics I Lab *CSC 237 Java Programming 3 MATH 236 Probability and Statistics *CSC 333 Data Structures 3 *CSC 238 Intro to Computer Security *CSC 336 Advanced Concepts in App Development 3 *CSC 334 Adv. Algorithms Design *CSC 337 Computer Org and Architecture 3 *CSC 338 Intro to Artificial Intelligence General Electives 3 *CSC 338 Intro to Artificial Intelligence *CSC 337 Total *CSC 338 Intro to Artificial Intelligence *CSC 338 Operating Systems *CSC 435 Software Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	18
PHYS 233 Prin of Physics I 3 PHYS 234 Principles of Physics II PHYS 213L Prin of Physics I Lab 1 PHYS 214L Principles of Physics II Lab 1 PHYS 214L Principles of Physics II Lab 1 PHYS 213L Prin of Physics II Lab 1 PHYS 214L Principles of Physics II Lab 1 PHYS 213L Principles of Physics II Lab 1 PHYS 213L Principles of Physics II Lab 1 PHYS 214L Principles of Physics II Phys 214L Principles Operations II Lab 1 Phys 214L Principles of Physics II Phys 214L Principles II Lab 1 Phys 214L Phys 214L Principles II Lab 1 Phys 214L Phys 214L Phys 214L Principles II Lab 1 Phys 214L Phys	
PHYS 213L Prin of Physics I Lab *CSC 237 Java Programming 3 MATH 236 Probability and Statistics *CSC 333 Data Structures 3 *CSC 238 Intro to Computer Security *CSC 336 Advanced Concepts in App Development 3 *CSC 334 Adv. Algorithms Design *CSC 337 Computer Org and Architecture 3 *CSC 338 Intro to Artificial Intelligence General Electives 3 Total *SENIOR YEAR *First Semester *CSC 435 Software Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Networking 3 *CSC 437 Senior Capstone	SCH
*CSC 237 Java Programming 3 MATH 236 Probability and Statistics *CSC 333 Data Structures 3 *CSC 238 Intro to Computer Security *CSC 336 Advanced Concepts in App Development 3 *CSC 334 Adv. Algorithms Design *CSC 337 Computer Org and Architecture 3 *CSC 338 Intro to Artificial Intelligence General Electives 3 *CSC 338 Intro to Artificial Intelligence Total 19 Total SENIOR YEAR First Semester *CSC 435 Software Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	3
*CSC 333 Data Structures 3 *CSC 238 Intro to Computer Security *CSC 336 Advanced Concepts in App Development 3 *CSC 334 Adv. Algorithms Design *CSC 337 Computer Org and Architecture 3 *CSC 338 Intro to Artificial Intelligence General Electives 3 *Total Total 19 Total SENIOR YEAR First Semester *CSC 435 Softw are Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	1
*CSC 336 Advanced Concepts in App Development 3 *CSC 334 Adv. Algorithms Design *CSC 337 Computer Org and Architecture 3 *CSC 338 Intro to Artificial Intelligence *General Electives 3 *Total *Total 19 Total SENIOR YEAR *First Semester *CSC 435 Softw are Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	3
*CSC 337 Computer Org and Architecture 3 *CSC 338 Intro to Artificial Intelligence General Electives 3 Total 19 Total SENIOR YEAR First Semester *CSC 435 Softw are Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	3
General Electives 3 Total 19 Total SENIOR YEAR First Semester *CSC 435 Softw are Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	3
Total 19 Total SENIOR YEAR First Semester *CSC 435 Softw are Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	3
SENIOR YEAR First Semester *CSC 435 Softw are Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	
First Semester *CSC 435 Software Engineering Principles *CSC 431 Programming Languages *CSC 339 Second Semester *CSC 436 Operating Systems *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	16
*CSC 435 Software Engineering Principles 3 *CSC 436 Operating Systems *CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Networking 3 *CSC 437 Senior Capstone	
*CSC 431 Programming Languages 3 *CSC 434 Database Management *CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	SCH
*CSC 339 Data Comm. & Netw orking 3 *CSC 437 Senior Capstone	3
	3
TOTAL AND Coming Described Fine diseases C * OOO OOO OOO C	3
*CSC 430 Senior Research and Prof. Experience 3 *CSC CSC Elective	3
Total 12 Total	12

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN ENVIRONMENTAL HEALTH SCIENCE

BNG 131	FRESHMAN YEAR First Semester	8	SCH	Second Semester		SCH
MATH 138	ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	FNG 237	Oral Communications	3	MATH 140	Precalculus	4
BOD 137						
BIO 137						
*ESC 1311L FSC 131 Principles of Env Health Sci 3 The College Experience I 1 Health and Wellness 2 Bective 2 *ESC 131 Principles of Env Health Sci 3 The College Experience I 1 **Total 18 SOPHOMORE YEAR First Semester SCH Second Semester SCH CHM 117L CHM 118L CHM 117L CHM 118L CHM						
Total Principles of Env Health Sci 3 The College Experience 1 1 18 Total 18 19 Total				11101 130	•	
Total		•				
SOPHOMORE YEAR First Semester SCH Second Semester SCH CHEM 117L Principles of Chemistry Lab 1 "ESC ESC 200 Level 3 CHEM 137 Principles of Chemistry 1 3 CHEM 118L Principles of Chemistry 1 3 CHEM 138 Principles of Chemistry 1 3 CHEM 231 CHEM 232 CHEM 233 CHEM 231 CHEM 234 CHEM 330 Level Lab 1 ESC 240 CHEM 330 Level Lab 1 CHEM 237 Chemistry 3 BIO 339 Microbiology Lab 1 CHEM 237 CHEM 230 Level Lab 1 CHEM 231 CHEM 233					Liective	2
SCH		Total	18		Total	18
CHEM 117L	SOPHOMORE YEA	AR				
CHEM 137	First Semester		SCH	Second Semester		SCH
PHYS 231L General Physics Lab 1 CHEM 138 Principles of Chemistry 1 3 PHYS 231 General Physics 3 AA 211 Professional Pathways Dev. 1 BIO 233 Human Anatomy & Physiology 3 BIO 234 Human Anatomy & Physiology 3 STEM 233 Intermediate Foreign Language 3 CSC230/STEM 233 Visual Basics or Data Analysis 3 STEM 131 Critical Thinking in BHS 3 STEM 230 Scientific Writing 3 3 STEM 131 Total 17 Total 17 JUNIOR YEAR First Semester SCH Second Semester SCH SEC ESC 300 Level 3 *ESC 332 Industrial Hygiene 3 *ESC 332 Industrial Hygiene 3 *ESC 300 Level Lab 1 *ESC ESC Bective 3 *ESC 300 Level Lab 1 *ESC ESC Bective 3 *ESC 300 Level 3 *ESC 300 Microsity 1 3 BIO 339 Microbiology Lab 1 *IED 300 Level 3 *STEM 328 Career Entrance Exams Prep 2 *IED 300 Level Lab 1 *IED 300 Level L	CHEM 117L		1	*ESC	ESC 200 Level	3
PHYS 231 General Physics 3	CHEM 137	Principles of Chemistry I	3	CHEM 118L	Principles of Chemistry II Lab	1
BIO 233	PHYS 211L	General Physics I Lab	1	CHEM 138	Principles of Chemistry II	3
FS/SP/AR 233	PHYS 231	General Physics I	3	AA 211	Professional Pathways Dev.	1
Total	BIO 233	Human Anatomy & Physiology I	3	BIO 234	Human Anatomy & Physiology II	3
Total 17	FS/SP/AR 233	Intermediate Foreign Language	3	CSC230/STEM 233	Visual Basics or Data Analysis	3
JUNIOR YEAR First Semester SCH Second Semester SCH *ESC ESC 300 Level 3 *ESC 332 Industrial Hygiene 3 *ESC ESC 300 Level 4 1 *ESC ESC Elective 3 *CHEM 217L Organic Chemistry Lab 1 BIO 319L Microbiology Lab 1 *CHEM 237 Organic Chemistry 3 BIO 339 Microbiology 3 *CHEM 237 Organic Chemistry 3 STEM 328 Career Entrance Exams Prep 2 *CHEM	STEM 131	Critical Thinking in EHS	3	STEM 230	Scientific Writing	3
First Semester SCH Second Semester SCH *ESC ESC 300 Level 3 *ESC 332 Industrial Hygiene 3 *ESC ESC 300 Level Lab 1 *ESC ESC Elective 3 CHEM 217L Organic Chemistry I Lab 1 BIO 319L Microbiology Lab 1 CHEM 237 Organic Chemistry I 3 BIO 339 Microbiology 3 CHEM CHEM 300 Level 3 STEM 328 Career Entrance Exams Prep 2 CHEM CHEM 300 Level Lab 1 Pre-Senior Year Summer II **ESC 340 Environmental Internship II 3 *ESC 340 Environmental Internship I 3 **ESC 440 Environmental Internship II 3 *ESNOR YEAR *First Semester *SCH *Second Semester *SCH *ESC ESC 400 Level 3 *ESC 434 Toxicology 3 *ESC ESC 400 Level Lab 1 *ESC 435 Biostatistics 3 *ESC 441 <td></td> <td>Total</td> <td>17</td> <td></td> <td>Total</td> <td>17</td>		Total	17		Total	17
*ESC ESC 300 Level 3 *ESC 332 Industrial Hygiene 3 *ESC ESC 300 Level Lab 1 *ESC ESC Elective 3 CHEM 217L Organic Chemistry I Lab 1 BIO 319L Microbiology Lab 1 CHEM 237 Organic Chemistry I 3 BIO 339 Microbiology 3 CHEM CHEM 300 Level 3 STEM 328 Career Entrance Exams Prep 2 CHEM CHEM 300 Level Lab 1 Pre-Senior Year Summer II **ESC 3440 Environmental Internship II 3 *ESC 340 Environmental Internship I 3 *ESC 440 Environmental Internship II 3 **ESC 440 Environmental Internship II 3 *ESC 440 Environmental Internship II 3 **ESC 440 Environmental Internship II 3 *ESC 440 Environmental Internship II 3 **ESC 400 Level 3 *ESC 434 Toxicology 3 *ESC 430 Env Health Administration 3 *ESC 436 Epidemiology	JUNIOR YEAR					
*ESC ESC 300 Level Lab 1 *ESC ESC Elective 3 CHEM 217L Organic Chemistry I Lab 1 BIO 319L Microbiology Lab 1 CHEM 237 Organic Chemistry I 3 BIO 339 Microbiology 3 CHEM CHEM 300 Level Lab 1 1 Career Entrance Exams Prep 2 CHEM CHEM 300 Level Lab 1 1 Pre-Senior Year Summer II Frescaior Year Summer II 1 *ESC 340 Environmental Internship I 3 *ESC 440 Environmental Internship II 3 *ESC 340 Environmental Internship I 3 *ESC 440 Environmental Internship II 3 *ESC 400 Esc 400 Level 3 *ESC 434 Toxicology 3 *ESC 430 Esc 400 Level Lab 1 *ESC 435 Biostatistics 3 *ESC 430 Env Health Administration 3 *ESC 436 Epidemiology 3 *ESC 441 Senior Research in EHS 2 Global and Intercultural Learning 3 *ESC	First Semester		SCH	Second Semester		SCH
CHEM 217L CHEM 237 Organic Chemistry I Organic Chemistry I 1 3 3 3 3 8IO 339 Microbiology Microbiology 3 3 3 4 Career Entrance Exams Prep 2 2 2 2 2 2 3 3 4 ESC 440 CHEM 300 Level Lab 1 Pre-Senior Year Summer I Pre-Senior Year Summer II Pre-Senior Year Summer II *ESC 340 Environmental Internship II 3 *ESC 440 Environmental Internship II 3 SENIOR YEAR First Semester SCH Second Semester SCH *ESC ESC 400 Level 3 *ESC 434 Toxicology 3 *ESC ESC 400 Level Lab 1 *ESC 435 Biostatistics 3 *ESC 430 Env Health Administration 3 *ESC 436 Epidemiology 3 *ESC 441 Senior Research in EHS 2 Global and Intercultural Learning 3 *ESC 442 Total 12 Total 12	*ESC	ESC 300 Level	3	*ESC 332	Industrial Hygiene	3
CHEM 237	*ESC	ESC 300 Level Lab	1	*ESC	ESC Elective	3
CHEM CHEM 300 Level Lab 3 STEM 328 Career Entrance Exams Prep 2 CHEM CHEM 300 Level Lab 1 Pre-Senior Year Summer II Pre-Senior Year Summer II *ESC 340 Environmental Internship I 3 *ESC 440 Environmental Internship II 3 SENIOR YEAR Total 15 SENIOR YEAR First Semester SCH Second Semester SCH *ESC ESC 400 Level 3 *ESC 434 Toxicology 3 *ESC 430 Env Health Administration 3 *ESC 435 Biostatistics 3 *ESC 430 Env Health Administration 3 *ESC 436 Epidemiology 3 *ESC 441 Senior Research in EHS 2 Global and Intercultural Learning 3 *ESC 442 Total 12 Total 12	CHEM 217L	Organic Chemistry I Lab	1	BIO 319L	Microbiology Lab	1
CHEM CHEM 300 Level Lab 1 Pre-Senior Year Summer II *ESC 340 Environmental Internship I 3 *ESC 440 Environmental Internship II 3 *ESC 340 Total 15 SENIOR YEAR First Semester SCH Second Semester SCH *ESC ESC 400 Level 3 *ESC 434 Toxicology 3 *ESC ESC 400 Level Lab 1 *ESC 435 Biostatistics 3 *ESC 430 Env Health Administration 3 *ESC 436 Epidemiology 3 *ESC 441 Senior Research in EHS 2 Global and Intercultural Learning 3 *ESC 441 Total 16 Total 12 Total SCH 128	CHEM 237	Organic Chemistry I	3	BIO 339	Microbiology	3
Pre-Senior Year Summer II *ESC 340 Environmental Internship I 3 *ESC 440 Environmental Internship II 3 Total 15 Total 15 SENIOR YEAR First Semester SCH Second Semester SCH *ESC ESC 400 Level 3 *ESC 434 Toxicology 3 *ESC 430 Env Health Administration 3 *ESC 435 Biostatistics 3 *ESC 430 Env Health Administration 3 *ESC 436 Epidemiology 3 *ESC 441 Senior Research in EHS 2 Global and Intercultural Learning 3 Electives 4 Total 12 Total SCH 128	CHEM	CHEM 300 Level	3	STEM 328	Career Entrance Exams Prep	2
*ESC 340	CHEM	CHEM 300 Level Lab	1			
Total Tota	Pre-Senior Year	Summer I		Pre-Senior Year Su	mmer II	
SENIOR YEAR First Semester SCH Second Semester Toxicology 3 *ESC ESC 400 Level 3 *ESC 434 Toxicology 3 *ESC ESC 400 Level Lab 1 *ESC 435 Biostatistics 3 *ESC 430 Env Health Administration 3 *ESC 436 Epidemiology 3 *ESC 441 Senior Research in EHS 2 Global and Intercultural Learning 3 Global and Intercultural Learning Electives 4 Total Total 12	*ESC 340	Environmental Internship I	3	*ESC 440	Environmental Internship II	3
First Semester SCH Second Semester SCH *ESC ESC 400 Level 3 *ESC 434 Toxicology 3 *ESC ESC 400 Level Lab 1 *ESC 435 Biostatistics 3 *ESC 430 Env Health Administration 3 *ESC 436 Epidemiology 3 *ESC 441 Senior Research in EHS 2 Global and Intercultural Learning 3 Global and Intercultural Learning 3 Total 12 Total 128		Total	15		Total	15
First Semester SCH Second Semester SCH *ESC ESC 400 Level 3 *ESC 434 Toxicology 3 *ESC ESC 400 Level Lab 1 *ESC 435 Biostatistics 3 *ESC 430 Env Health Administration 3 *ESC 436 Epidemiology 3 *ESC 441 Senior Research in EHS 2 Global and Intercultural Learning 3 Global and Intercultural Learning 3 Total 12 Total 128	SENIOR YEAR					
*ESC			SCH	Second Semester		SCH
*ESC 430 *ESC 441 Senior Research in EHS Global and Intercultural Learning Electives Total Env Health Administration 3 *ESC 436 Epidemiology Global and Intercultural Learning 3 Electives Total Total Total 16 Total Total Total 128	*ESC	ESC 400 Level	3	*ESC 434	Toxicology	3
*ESC 441 Senior Research in EHS 2 Global and Intercultural Learning 3 Electives 4 Total 16 Total 12	*ESC	ESC 400 Level Lab	1	*ESC 435	Biostatistics	3
*ESC 441 Senior Research in EHS 2 Global and Intercultural Learning 3 Electives 4 Total 16 Total 128	*ESC 430	Env Health Administration	3	*ESC 436	Epidemiology	
Global and Intercultural Learnin 3 4 Total Total 128 Total 128	*ESC 441	Senior Research in EHS	2		Global and Intercultural Learning	3
Total SCH 128 4 Total 16 Total 12		Global and Intercultural Learning			9	
Total SCH 128		Electives	4			
		Total	16		Total	12
SCH in Major* 41	Total SCH	128				
	SCH in Major*	41				

PROGRAM OF STUDY IN COMPUTER ENGINEERING

FRESHMAN YEAR					
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 143	Calculus I	4	MATH 144	Calculus II	4
CSC 132	Intro to Computing and Programming Concepts	3	CSC 135	Introduction to Programming	3
HIST 130	Intro to African American History	3		Global and Intercultural Learning	3
ENGR 130	Introduction to Engineering	3	STEM 112	The College Experience II	1
STEM 111	The College Experience	1		5 1	
	Total	17		Total	14
SOPHOMORE YEA	AR				
First Semester		SCH	Second Semester		SCH
MATH 237	Differential Equations I	3	*CSC 138	Algorithm Design II	3
CSC 136	Algorithm Design I	3	MATH 230	Linear Algebra	3
*CSC 231	Assembly Language	3	*EE 232	Circuits II	3
*EE 231	Circuits I	3	*EE 212L	Circuits II Lab	1
*EE 211 L	Circuits I Lab	1	*EE 233	Electronics I	3
*CE 231	Digital Circuits	3	*EE 213L	Electronics I lab	1
*CE 211L	Digital Circuits I Lab	1	STEM 221	Professional Pathways Development	2
	Total	17		Total	16
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
*EE 330	Systems and Signals	3	* EE 332	Digital Signal Processing	3
*CSC 333	Data Structures	3	*CE 332	Embedded Systems	3
*CSC 337	Computer Org and Architecture	3	MATH 336	Discrete Mathematics	3
* EE 334	Electronics II	3	MATH 236	Probability and Statistics	3
*EE 314L	Electronics II Lab	1	ENG 237	Oral Communicaton	3
PHYS 233	Prin. Of Physics I	3	PHYS 234	Prin. Of Physics II	3
PHYS 213L	Prin. Of Physics I Lab	1	PHYS 214L	Prin. Of Physics II Lab.	1
ENGR 321	Engineering Professional Dev.	2		,	
	Total	19		Total	19
CENIOD VEAD					
SENIOR YEAR First Semester		SCH	Second Semester		SCH
*CSC 435	Coffee are Engineering		*CSC 436	On arating Systems	
	Software Engineering	3		Operating Systems	3
* CE 436 * CE 427	VLSI Design	3	*EE 431	Communication Systems	3
	Senior Design Project I	2	*CE 428	Senior Design Project II	2
ENGR 331	Engineering Economics	3		Global and Intercultural Learning Health and Wellness	3
FS/SP/AR 233	Intermediate Foreign Language	3		nealth and Wellness	2
	Total	14		Total	13

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN ELECTRICAL ENGINEERING

FRESHMAN YEAR First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 143 HIST 130 CSC 132 ENGR 130 STEM 111	Calculus I Intro to African American History Intro to Computing and Progamming Concepts Introduction to Engineering The College Experience I	4 3 3 3 1	MATH 144 CSC 135 STEM 112	Calculus II Introduction to Programming Global & Intercultural Learning The College Experience II	4 3 3 1
	Total	17		Total	14
SOPHOM ORE YEA	AR				
First Semester		SCH	Second Semester		SCH
MATH 237	Differential Equations I	3	MATH 336	Discrete Mathematics	3
PHYS 233	Principles of Physics I	3	PHYS 234	Principles of Physics II	3
PHYS 213L	Principles of Physics I Lab	1	PHYS 214L	Principles of Physics II Lab	1
*EE 231	Circuits I	3	*EE 232	Circuits II	3
*EE 211 L	Circuits ILab	1	*EE 212L	Circuits II Lab	1
*CE 231	Digital Circuits	3	*EE 233	Electronics I	3
*CE 211L	Digital Circuits Lab	1	*EE 213L	Electronics I Lab	1
CSC 136	Algorithm Design I	3	STEM 221	Professional Pathways Dev.	2
	Total	18		Total	17
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
MATH 241	Calculus III	4		Health and Wellness	2
MATH 230	Linear Algebra	3	PHYS 332	Dynamics	3
*EE 330	Systems and Signals	3	* EE 332	Digital Signal Processing	3
*EE 334	Electronics II	3	*CE 332	Embedded Systems	3
*EE 314L	Electronics II Lab	1	MATH 236	Probability and Statistics	3
*EE 333	Electromagnetics	3	ENG 237	Oral Communication	3
ENGR 321	Engineering Professional Devlopment	2			
	Total	19		Total	17
SENIOR YEAR First Semester		SCH	Second Semester		SCH
FS/SP/AR 233	Intermediate Foreign Langauge	3	*EE 434	Control Systems	3
*CSC 231	Assembly Language	3	*EE 435	Applied Electromagnetics	3
*EE 433	Electric Energy Pow er Systems	3	*EE 428	Senior Design Project II	2
ENGR 331	Engineering Economics	3	* EE 431	Communication Systems	3
*EE 427	Senior Design Project I	2		Global and Intercultural Learning	3
	Total	14		Total	14

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN ENVIRONMENTAL ENGINEERING

FRESHMAN YEAR	₹				
First Semester		SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 143	Calculus I	4	MATH 144	Calculus II	4
CHEM 137	Principles of Chemistry I	3	CHEM 138	Principles of Chemistry II	3
CHEM 117L	Principles of Chemistry I Lab	1	CHEM 118L	Principles of Chemistry Lab II	1
ENGR 130	Introduction to Engineering	3	HIST 130	Intro to African American History	3
STEM 111	The College Experience	1		Global and Intercultural Learning	3
			STEM 112	The College Experience II	1
	Total	15		Total	18
SOPHOMORE YEA	AR				
First Semester		SCH	Second Semester		SCH
MATH 237	Differential Equations I	3	ENGR 132	Introduction to Engr. Software	3
*ENVE 230	Env. Engineering Fund I	3	PHYS 234	Principles of Physics II	3
*ENVE 210L	Env. Engineering Fund I Lab	1	PHYS 214L	Principles of Physics II Lab	1
BIO 137	Principles of Biology I	3	*ENV E 231	Env. Engineering Fund II	3
BIO 117L	Principles of Biology I Lab	1	*ENV E 331	Intro to Fluid Mechanics	3
PHYS 233	Principles of Physics I	3	*ENVE 311L	Fluid Mechanics Lab	1
PHYS 213L	Principles of Physics I Lab	1	FS/SP/AR 233	Intermediate Foreign Language	3
STEM 221	Professional Pathways Dev.	2			
	Total	17		Total	17
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
			*ENVE 330	Environmental Chemistry	3
ENG 237	Oral Communication	3	*ENVE 332	Surface Water Quality & Hydro	3
*ENV E 233	Engineering Geology	3	*ENV E 334	Air Quality Engineering	3
*ENV E 337	Groundw ater Hydrology	3	MATH 236	Probability and Statistics	3
MATH 241	Calculus III	4		Global and Intercultural Learning	3
PHYS 331	Statics	3			
ENGR 321	Engineering Professional Dev.	2			
	Total	18		Total	15
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
*ESC 230	Solid Hazd. Waste Mgt	3	*ENV E 428	Senior Design Project II	2
*ESC 439	Water/Wastew ater Treatment	3	*ENV E 431	Soil and GW Pollution Remediation	3
*ESC 419L	Water/Wastew ater Treatment Lab	1	*ENVE	Environmental Engineering Elective	3
*ENV E 427	Senior Design Project I	2		Elective	3
PHYS 334	Thermal Physics	3		Health and Wellness	2
ENGR 331	Engineering Economics	3			
	Total	15		Total	13
Total SCH	128				

Total SCH 128 SCH in Major* 43

ENVE elective courses: PHYS 332 Dynamics, ESC 434 Toxicology, ESC 335 Environmental Forensics, ENVE 432 Adv.

Wastewater Treatment, ENVE 434 Adv. Solid Waste Mangement

^{*}Major courses require a "C" or better.

PROGRAM OF STUDY IN PHYSICS

FRESHMAN YEAR First Semester	1	SCH	Second Semester		SCH
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 143	Calculus I	4	MATH 144	Calculus II	4
HIST 130	Intro to African American History	3	CSC 135	Introduction to Programming	3
ENGR 130	Introduction to Engineering	3	ENGR 132	Engineering Graphics and Design	3
	3 11 3			Global and Intercultural Learning	3
STEM 111	The College Experience	1		S	
	Total	14		Total	16
SOPHOMORE YEA	AR				
First Semester		SCH	Second Semester		SCH
MATH 237	Differential Equations I	3	CHEM 138	Principles of Chemistry II	3
CSC 136	Algorithm Design I	3	CHEM 118L	Principles of Chemistry II Lab	1
CHEM 137	Principles of Chemistry I	3	*PHYS 234	Principles of Physics II	3
CHEM 117L	Principles of Chemistry I Lab	1	*PHYS 214L	Principles of Physics II Lab	1
*PHYS 233	Principles of Physics I	3	MATH 238	Differential Equations II	3
*PHYS 213L	Principles of Physics I Lab	1	ENG 237	Oral Communication	3
AA 211	Professional Pathways Dev.	1	CSC 138	Algorith Design II	3
	Total	15		Total	17
JUNIOR YEAR					
First Semester		SCH	Second Semester		SCH
MATH 241	Calculus III	4	MATH 236	Probability and Statistics	3
*PHYS 331	Statics	3	*PHYS 332	Dynamics	3
*PHYS 333	Principles of Physics III	3	*PHYS 336	Electricity and Magnetism	3
*PHYS 334	Thermal Physics	3	FS/SP/AR 233	Intermediate Foreign Language	3
PHIL 330	Critical Thinking and Logic	3			
	Total	16		Total	12
SENIOR YEAR					
First Semester		SCH	Second Semester		SCH
MATH 230	Linear Algebra	3	*PHYS 436	Intro to Quantum Mechanics	3
*PHYS 431	Modern Physics I	3	*PHYS 432	Modern Physics II	3
*PHYS 435	Optics	3	*PHYS 444	Adv. Modern Physics Lab	4
	Elective	6	*PHYS 338	Modern Electronics	3
				Clasticas .	2
				Electives	۷
	Total	15		Total	15

^{*}Major courses require a "C" or better.