

Program: Cybersecurity

CIP: 11.1003

Track: 4/4

Offered At: SPC

Program Length: 120 Cr. Hrs.

*New program track 3/2020*

---

---

**LOWER LEVEL COURSES**

---

---

Cr. Hrs.

—	CETX691	3
	or CTSX318	3
	or CGSX091	3
&—	CGSX811	3
	or CETX880C	3
	or CETX880	3
	or CETX881C	3
	or CISX381C	3
	or CNTX413C	3
&—	CISX358	3
	or CETX660C	3
	or CTSX321	3
	or CTSX322	3
&—	CISX352	3
	or CISX204	3
	or CETX892C	3
	or CETX662	3
	or CISX353	3
	or CTSX314	3
&—	CTSX120	3
	or CETX890C	3
	or CETX685C	3
	or CNTX401	3
	or CISX359C	3
	or CETX614C	3
	or CNTX402	3
&—	CTSX314	3
	or CETX892C	3
	or CETX890	3
	or CETX341C	3
	or CTSX123	3
	or CNTX404	3



# Common Prerequisite Proposal

## I. Contact Information

Requesting Chief Program Chair: Dr. John Duff, Acting Dean	Email: <a href="mailto:duff.john@spcollege.edu">duff.john@spcollege.edu</a> Phone: 727.341.7176
Requesting Chief Academic Officer or University Common Prerequisite Liaison (person submitting this proposal to the Board of Governors or Division of Florida Colleges::	 Email: <a href="mailto:demers.susan@spcollege.edu">demers.susan@spcollege.edu</a> Phone: 727.791.2501
<b>Requesting institution: St. Petersburg College</b>	

## II. Program Information

Title of Degree Program: Cybersecurity BAS	CIP Code: 11.1003	Track (if appropriate): #4
Does this proposal align with a current track?	Yes:	No: X
Is this program approved for limited access?	NO	
Approved total program hours to the baccalaureate degree: 120		
Other Institutions offering the same program (CIP and Tracks or different CIP/Track if the same major): <b>CIP# 11.1003:</b> Track 1: PESC, Track 2: UWF, Track 3: USF		

## III. Proposed Changes – Add rows as necessary

### A. All Current Approved Common Prerequisites (add rows if necessary).

Current Approved Common Prerequisites		
Course Prefix	Course Name	Cr. Hrs.
N/A		
<b>Current Approved Common Prerequisite Credit Hours</b>		

### B. All Proposed Common Prerequisites and Commonality of Course Offerings (add rows if necessary)

Course Prefix	Credit Hours	Number of FCS Currently Offering Course	Number of SUS Currently Offering Course	Justification for the addition or deletion of course
CET X691	3	2	0	Critical technical content: legal issues common to computer security
CGS X811	3	2	0	Critical technical content: contingency operations for disaster recovery
CIS X358	3	1	0	Critical technical content: audit assessment skills, security for Windows 2000 and Linux systems
CIS X352	3	6	1	Critical technical content: techniques and methodologies of security testing
CTS X120	3	12	2	Critical technical content: foundations of network security
CTS X314	3	6	0	Critical technical content: network defense and countermeasures including software and hardware needs

### C. If your request includes course(s) that are offered currently at three or fewer FCS institutions, please provide a justification as to why these courses are critical for a student's success in the baccalaureate degree program:



## Common Prerequisite Proposal

Course(s) limited to 3 or less FCS institutions	Justification as to why these courses are critical for a student's success in the baccalaureate program.
CET X691, CGS X811, CIS X358	These 3 courses all provide the necessary foundation of technical content for students to succeed in the upper division coursework. We have included in our requested common prerequisites, a number of alternative courses whose content was cross-walked to these 3 courses, broadening the opportunities for students to obtain the necessary content at other institutions. The alternatives to CET X691 are available at 7 institutions; the alternatives to CET X811 are available at 16 institutions; and the alternatives to CIS X358 are available at 30 institutions. (The alternatives are inclusive of the "C" versions of the common prerequisite course.)

- D. If your request includes courses that are offered only at your institution, explain what options are available to students at other institutions for completing the required courses: N/A**
- E. Are you requesting to delete any of the currently approved common prerequisites? If so, please list below: N/A**

### Review of Completion within 60 semester hours.

#### A. Course Prerequisites, if known, for Common Prerequisite

College Level Prerequisites for Common Prerequisite Courses		
Course Prefix for	College Level Prerequisites	Cr. Hrs.
CGS X811	SPC: CTS 1120 (other FCS: CGS 2108, CET 2660C)	3
CIS X358	SPC: CTS 1120 (other FCS: CGS 1061C)	Repeat
CIS X352	SPC: CIS 1358 (other FSC: CTS 1120, CTS 1650, CGS 2763, CIS 1355, CTS 2391, CET 1660C, CGS 1135C, CNT 2401)	3
CTS X314	CTS 1120 or CET 2620 (other FSC: CTS 2120C, CTS 2651C, CET 2890, CET2662, CTS 1120, CTS 1650, CET 2660, CNT 2000)	Repeat
<b>Number of College Level Prerequisites for Common Prerequisite Courses</b>		<b>6</b>

#### B. Review of Coursework

Review of Common Prerequisite Completion within 60 hours	
60	Credit Hours for AA Degree
-18	Minus Number of Proposed Common Prerequisite Credit Hours
- 6	Minus Number of College Level Course Prerequisites for Common Prerequisite Courses (if known)
+0	Plus Number of Common Prerequisites in General Education Core
46	Equals Number Credit Hours to complete remainder of General Education

**If the number of credit hours to complete remainder of general education is less than 24 credit hours, explain how students will meet the requirements of the common prerequisites: N/A**

#### V. Supporting Documentation

Include the following with this proposal:

- The program page from the Common Prerequisite Manual, if applicable.
- The program requirements for the baccalaureate degree.

**Date of Submission to the Board of Governors or the Division of Florida Colleges: \_\_\_\_\_**



Andy Tuck, *Chair*  
Marva Johnson, *Vice Chair*  
*Members*  
Ben Gibson  
Tom Grady  
Michael Olenick  
Ryan Petty  
Joe York

February 18, 2020

Dr. Tonjua Williams  
President  
St. Petersburg College  
6605 5<sup>th</sup> Ave N  
St. Petersburg, FL 33710

Dear President Williams:

This letter serves as official notification that the State Board of Education, at its February 12, 2020, meeting, approved St. Petersburg College's proposal for a Bachelor of Applied Science (BAS) in Cybersecurity. For purposes of data reporting, the CIP code is 1101110031.

As you move forward with the implementation of this program, please keep Dr. Mike Sfiropoulos, Director of Academic Affairs, informed of your college's progress, including the Southern Association of Colleges and Schools Commission on Colleges approval status for this program, the request for common prerequisite modification, if applicable, and the program implementation date. Dr. Sfiropoulos' contact information is [Mike.Sfiropoulos@fldoe.org](mailto:Mike.Sfiropoulos@fldoe.org) or 850-245-9523.

Congratulations on the addition of the BAS in Cybersecurity to St. Petersburg College's program offerings. Thanks for your work and your team's work as you continue to offer access to affordable high-demand workforce programs. Please let us know how the Division of Florida Colleges can support you as you move forward.

Sincerely,

Kathryn S. Hebda

KSH/ms

Attachments

Cc: Dr. Sabrina Crawford, AVP of Institutional Effectiveness and Academic Services, St. Petersburg College  
Mr. Djuan Fox, Academic Projects Coordinator, St. Petersburg College  
Dr. Carrie Henderson, Executive Vice Chancellor, Division of Florida Colleges  
Dr. Mike Sfiropoulos, Director of Academic Affairs, Division of Florida Colleges

KATHRYN S. HEBDA  
FLORIDA COLLEGE SYSTEM CHANCELLOR

**STATE BOARD OF EDUCATION**  
**Action Item**  
February 12, 2020

**SUBJECT:** New Bachelor Degree Program in the Florida College System

---

**PROPOSED BOARD ACTION**

For Approval

**AUTHORITY FOR STATE BOARD ACTION**

Section 1007.33, Florida Statutes

**EXECUTIVE SUMMARY**

St. Petersburg College submitted a Notice of Intent followed by a proposal to the Department of Education for this proposed board action. Appropriate notification of intent was provided to the Board of Governors, Independent Colleges and Universities of Florida and the Commission for Independent Education, as required in section 1007.33, Florida Statutes. An extensive review of criteria was conducted for the proposal submitted, and written comments and recommendations were provided to the college. The final submission was subsequently received and is being submitted to the State Board of Education for consideration.

---

**Supporting Documentation Included:** St. Petersburg College's Proposal for a Bachelor of Applied Science in Cybersecurity.

**Facilitators/Presenters:** Chancellor Kathy Hebda, Florida College System, President Tonjua Williams, St. Petersburg College, and guests.

**Baccalaureate Degree Program Proposal**  
**St. Petersburg College (SPC)**  
**Bachelor of Applied Science (BAS) in Cybersecurity Summary**

The proposed new baccalaureate degree program is an opportunity to provide citizens of Florida greater access to higher education.

- The highly specialized body of skills and technical knowledge acquired by the students who complete the BAS in cybersecurity will prepare them to pursue careers related to cybersecurity and technology that align with the NICE cybersecurity workforce framework.
- Typical job titles include Systems Security Analyst, Security Control Assessor, Vulnerability Assessment Analyst, Cyber Defense Analyst, and Security Architect. Other potential roles include senior positions such as Information Security Officer, Director Information Security, Chief Information Security Officer, and Principle Cybersecurity Practice Manager.
- Eligible students will be able to complete the program for a total cost of no more than \$14,067 in tuition and fees. Compared to the other state and nonpublic institutions in the SPC's service area, the cost of the degree is significantly lower. Baccalaureate degrees at the University of South Florida, the University of Tampa, and at Eckerd College cost \$25,342, \$71,520, and \$181,808 respectively. The current supply of qualified graduates is not sufficient to meet the demand and these institutions had no objection to the proposed program.
- Florida Department of Economic Opportunity (DEO) workforce data and projections indicate a 26.6% increase in demand and project more than 2,172 cybersecurity job openings in SPC's service area over the next eight years, for an average of 271 job openings per year.
- A number of industry organizations, businesses, and educational institutions in SPC's service area support the proposal and indicated a need for four-year cybersecurity degrees, including USF, the Center for Systems Security and Information Assurance (CSSIA), CISCO, CISCO Networking Academy, and ReliaQuest.
- Admission to the BAS in cybersecurity program will use the state's 2+2 model, and will be open to all applicants who have completed an associate in science (AS) degree or at least 60 transferable credit hours in a related field.
- Graduates will acquire a wide array of skills that align with multiple industry certifications related to computer networking, digital forensics, and computer security with an upper division curriculum focusing on information security, risk assessment and mitigation compliance, disaster planning and recovery, advanced forensics, information assurance, and defense against cyber-attack.

Program: Cell and Molecular Biology

CIP: 26.0406

Offered At: USF, UCF

Track: 1

Program Length: 120 Cr. Hrs.

---

### LOWER LEVEL COURSES

---

BSCX010C or BSCX010/X010L  
Or BSCX040C

BSCX011/X011C or BSCX011C  
Or ZOO010/X010L or ZOOX010C  
Or BOTX010/X010L or BOTX010C  
Or BSCX041C

& CHMX045/X045L or  
CHMX040 & CHMX041  
Or CHMX045C

& CHMX046/X046L or CHMX046C

& MACX311 or MACX233 or MACX253  
Or MACX281 or MACX241

& MACX312 or MACX282 or MACX234  
Or STAX023 or STAX024 or STAX321

& Take one of these sequences of courses:  
CHMX210/X210L & CHMX211/211L  
Or CHMX210C & CHMX2111C

& PHYX053/X053L & PHYX054/X054L  
Or PHYX053C & PHYX054C  
Or PHYX048/X048L & PHYX049/X049L  
Or PHYX048C & PHYX049C

**Program:** Medical Microbiology & Bacteriology  
**Track:** Molecular Microbiology  
**Offered At:** UCF

**CIP:** 26.0503  
**Track:** 2 of 2  
**Program Length:** 120 Cr. Hrs.

---

### LOWER LEVEL COURSES

---

BSCX010C or BSCX010/X010L  
Or BSCX040C

BSCX011/X011C or BSCX011C  
Or ZOO010/X010L or ZOOX010C  
Or BOTX010/X010L or BOTX010C  
Or BSCX041C

& CHMX045/X045L or  
CHMX040 & CHMX041  
Or CHMX045C

& CHMX046/X046L or CHMX046C

& MACX311 or MACX233 or MACX253  
Or MACX281 or MACX241

& MACX312 or MACX282 or MACX234  
Or STAX023 or STAX024 or STAX321

& CHMX210/X210L & CHMX211/211L  
Or CHMX210C & CHMX2111C

& PHYX053/X053L & PHYX054/X054L  
Or PHYX053C & PHYX054C  
Or PHYX048/X048L & PHYX049/X049L  
Or PHYX048C & PHYX049C

Program: B.S. in Marine Sciences

CIP: 30.3201

Track: 1

Offered At: UF

Program Length: 120 Cr. Hrs.

---

### LOWER LEVEL COURSES

---

MACX311

& CHMX045C

Or CHMX045 & CHMX045L  
Or CHMX040, CHMX041 & CHMX045L

& CHMX046C

Or CHMX046 & CHMX046L

& OCEX001

& BSCX010C

Or BSCX010 & BSCX010L  
Or ZOOX010C  
Or ZOOX010 & ZOOX010L

& BSCX011C

Or BSCX011 & BSCX011L

& PHYX004C (1)

Or PHYX004 & PHYX004L

- (1) NOTE: For the Marine Sciences major in the College of Liberal Arts and Sciences the following Physics is required:  
PHYX053/X053L or PHYX053C or PHYX048/X048L or PHYX048C  
& PHYX054/X054L or PHYX054C or PHYX049/X049L or PHYX049C

**Program:** Data Security **CIP:** 30.7001  
**Offered At:** UCF **Track:** 1  
**Program Length:** 120 Cr. Hrs.

---

### LOWER LEVEL COURSES

---

MACX311 or  
MACX233  
or MACX253  
Or MACX281  
or MACX241

Calculus 1  
Calculus for Business & Social Science  
Calculus I for Engineering Tech  
Calculus I for Engineering  
Life Science Calculus I

& MACX312  
or MACX282  
or MACX234

Calculus 2  
Calculus 2 for Engineering  
Calculus 2 for Business & Social Science

& MACX313  
Or MACx283

Calculus 3  
Calculus 3 for Engineering

& STAX023

Statistical Methods 1

& PHYX048

General Physics with Calculus 1

& BSCX010

General Biology I

& COPXXXX

Intro Programming in C, C++, JAVA or equivalent

## Common Prerequisite Request

### Submission Directory Information

Name of Institution:	University of Central Florida
Name of Person Making the Initial Request:	Shunpu Zhang
Title for the Person Listed Above:	Professor and Chair, Computer Science
Signature of Institution Common Prerequisite Liaison: Timothy Letzring	
Date of Submission:	4/24/2020

### Academic Program Information:

Name of Academic Degree Program: **Data Science**

Six Digit CIP Code: **30.7001 (CIP2020)**

Type of Baccalaureate Degree (Bachelor of Science, Bachelor of Arts, etc.): **Bachelor of Science**

Credit Hours to Degree for the program: **120**

Is this program limited access? **No**

### Related Current Common Prerequisite Manual Information:

Is there currently a baccalaureate degree in the CIP listed above in the Common Prerequisite Manual? **No**

### Is this a request to:

1. Add your institution to the Common Prerequisite Manual without making ) curriculum changes to the Manual? **No** %
  - a. If so, which "track" is requested?
2. Add Course(s) and/or Course Alternative(s)? **No**
3. Eliminate Course(s) or Alternatives? **No**
4. Establish a common prerequisite page in a six-digit CIP not currently established in the manual? **Yes**
5. Establish a completely new "track"? **No**
6. Change credit hour to degree listing for your institution's program? **No**
7. Change the limited access standing for your institution's program? **No**
8. Change your program's CIP code in the Manual? **No**

### Adding Course(s) and/or Course Alternative(s):

After checking to determine access to courses for Florida College System students, please list the following information for each course or alternative that you would like added (add rows if necessary):

CIP CODE:	Track Number:		
Course Prefix and Number	Course Title	Course # of Credit Hours	Justification for addition

BSC X010	General Biology	4	Key application area for Data Science
COP XXXX	Intro Programming in C, C++, JAVA or equivalent language	3	Key prerequisite for advanced classes
MAC X311	Calculus with Analytic Geometry I	4	Key prerequisite for advanced classes
MAC X312	Calculus with Analytic Geometry II	4	Key prerequisite for advanced classes
MAC X313	Calculus with Analytic Geometry III	4	Key prerequisite for advanced classes
STA X023	Statistical Methods I	3	Key prerequisite for advanced classes
PHY X048	General Physics with Calculus I	4	Application area for Data Science

**Eliminating Course(s) and/or Course Alternative(s):**

Please list the following information for each course or alternative that you would like to eliminate (add rows if necessary):

CIP CODE:	Track Number:	
Course Prefix and Number	Course Title	Justification for elimination

Does the recommendation above still provide course options for Florida College System institution students?

**Establish a new six-digit CIP listing in the Common Prerequisite Manual (there are currently no programs listed in this CIP)**

Please provide the following information:

Six-Digit CIP	Proposed Name	Justification for New CIP
30.7001	Data Science	New program in rapidly developing area as demonstrated by the addition of this new CIP code to in the 2020 code update

### Establish a new “track” in the Common Prerequisite Manual

Please provide the following information:

Track Number	Proposed Track Name	Justification for Additional Track

A description of your program’s curriculum must be attached.

### Change in Credit Hour:

If the baccalaureate degree program is over 120 credit hours to a degree, has it been approved for exceeding the limit by the Board of Governors or State Board of Education’s approved credit hour total for the degree?

**NA**

### Change in Limited Access Status:

Has the university board of trustees and the Board of Governors approved the addition or elimination of limited access status?

**NA**

If the answer is yes to the above question, is limited access granted or eliminated? )

CIP Change: **NA** %

From CIP: )

Moved to CIP: )

Are the common prerequisites for the degree remaining the same? )

### Accessibility:

Number of Credit Hours for AA	60
Subtract Number of Credit Hours Required for Common Prerequisites	- 26
Add the Number of Credit Hours for Common Prerequisites that are also general education core requirements	+17
Total number of semester hours left to complete the rest of the student’s general education requirements	=51

If a student does not have enough room in the “total” above to complete the rest of general education requirements: **NA**

Justification for requiring more common prerequisite course credit hours than can be accommodated by the student in 60 semester hours: **NA**

With these recommendations, how does your institution propose to assist transfer students in avoiding time to degree? **NA**



# Common Prerequisite Proposal

## I. Contact Information

Requesting Chief Program Chair: Dr. Nancy Latimer	Email: latimer@palmbeachstate.edu Phone: 561-207-5068
Requesting Chief Academic Officer or University Common Prerequisite Liaison (person submitting this proposal to the Board of Governors or Division of Florida Colleges:  Dr. Roger Yohe	 <hr/> First Name Last Name Title: Vice President of Academic Affairs  Email: yoher@palmbeachstate.edu Phone: 561-868-3147
<b>Requesting institution: Palm Beach State College</b>	

## II. Program Information

Title of Degree Program: Bachelor of Science in Cardiopulmonary Sciences	CIP Code: 51.0908 1105109081	Track (if appropriate): 1
Does this proposal align with a current track?	Yes: X	No:
Is this program approved for limited access?		No
Approved total program hours to the baccalaureate degree: 120		
Other Institutions offering the same program (CIP and Tracks or different CIP/Track if the same major): FSWSC, VC, FAMU		

## III. Proposed Changes – Add rows as necessary

### A. All Current Approved Common Prerequisites (add rows if necessary.)

Current Approved Common Prerequisites		
Course Prefix	Course Name	Cr. Hrs.
BSCX005/X005L	General Biology (GE Core)	4
Or- BSCX005C	General Biology (GE Core)	
Or- BSCX010/X010L	General Biology (GE Core)	
Or- Take all of the following		
&- CHMXXXX/XXXXL	Chemistry	
Or- CHMXXXXC	Chemistry	
& BSCX093/X093L	Anatomy & Physiology 1	4
Or- BSCX093C	Anatomy & Physiology 1	
Or- ZOOX733C	Gross Human Anatomy 1	
Or- Take all of the following		
&- BSCX085/X085L	Anatomy & Physiology 1 (GE Core)	
Or- BSCX085C	Anatomy & Physiology 1 (GE Core)	
& BSCX086C	Anatomy & Physiology 2	4
Or- BSCX086/X086L	Anatomy & Physiology 2	
Or- BSCX094/X094L	Anatomy & Physiology 2	
Or- BSCX094C	Anatomy & Physiology 2	
& CGSX060 (1)	Computer Literacy (1)	3



## Common Prerequisite Proposal

& MCBX010/X010L	Introduction to Microbiology	4
Or- MCBX010C	Introduction to Microbiology	
Or- MCBX020/MCBX020L	Microbiology	
Or- PHAX751	Microbiology	
Or-MCBX004C	Introductory Microbiology: Biology/Chemistry Prereq	
& PHYX007/X007L (1,1)	Physics for Health Related Technologies (1,1)	4
Or- PHYX007C	Physics for Health Related Technologies	
Or- PHYX053/PHYX053L	General Physics 1 (2 Sem Seq.) (GE Core)	
Or- PHYX053C	General Physics 1 (2 Sem Seq.) (GE Core)	
& SPCX050 (2)	Fundamentals of Voice and Diction (L) (2)	3
Or- SPCX608 (2)	Public Speaking (L) (2)	
Or- SPCX023(2)	Fundamentals of Speech (2)	
<b>Current Approved Common Prerequisite Credit Hours</b>		26
(1) Course not required at FSWSC and VC.		
(2) Course not required at FSWSC.		

### B. All Proposed Common Prerequisites and Commonality of Course Offerings (add rows if necessary)

Course Prefix	Credit Hours	Number of FCS Currently Offering Course	Number of SUS Currently Offering Course	Justification for the deletion of courses
PHYX007/X007L OR PHYX007C OR PHYX053/PHYX053L OR PHYX053C	4	4 28	0 10	Physics is a graduation requirement for the AS Respiratory Care program in addition to physical principles that are taught in multiple courses within the program. Physics has been exempted for both FSWSC and VC.
SPCX050 OR SPCX608 OR SPCX023	3	2 28 0	2 10 1	This skill set is required of students in multiple courses within the AS Respiratory Care program. Students are required to orally present research presentations, clinic reports, clinical case studies, communicate directly with physicians, and participate in clinical rounds with other health care professionals. Speech has been exempted for FSWSC and VC is currently working on the exemption process.
CGSX060	3	12	6	All AS Respiratory Care programs require computer science skills. In addition to didactic course work. Respiratory Therapists utilize highly technical computerized mechanical ventilators, pulmonary function equipment, and computers for patient charting. The computer skills far exceed the requirements of CGS courses. This



## Common Prerequisite Proposal

				course has been exempted for FSWSC and VC.
--	--	--	--	--

- C. If your request includes course(s) that are offered currently at three or fewer FCS institutions, please provide a justification as to why these courses are critical for a student's success in the baccalaureate degree program:

Course(s) limited to 3 or less FCS institutions	Justification as to why these courses are critical for a student's success in the baccalaureate program.

- D. If your request includes courses that are offered only at your institution, explain what options are available to students at other institutions for completing the required courses:

N/A

- E. Are you requesting to delete any of the currently approved common prerequisites? If so, please list below:

PHYX007/X007L            4  
 OR PHYX007C            4  
 OR PHYX053/X053L      4  
 OR PHYX053C            4  
 Course not required at FSWSC and VC.

SPCX050                    3  
 OR SPCX608                3  
 OR SPCX023                3  
 Course Not Required at FSWSC.

CGSX060                    3  
 Course not required at FSWSC and VC.

### Review of Completion within 60 semester hours.

- A. Course Prerequisites, if known, for Common Prerequisite

College Level Prerequisites for Common Prerequisite Courses		
Course Prefix for	College Level Prerequisites	Cr.
<b>Number of College Level Prerequisites for Common Prerequisite</b>		

- B. Review of Coursework



## Common Prerequisite Proposal

Review of Common Prerequisite Completion within 60 hours	
<b>60</b>	Credit Hours for AA Degree
- <b>16</b>	Minus Number of Proposed Common Prerequisite Credit Hours
- <b>0</b>	Minus Number of College Level Course Prerequisites for Common Prerequisite Courses (if known)
+ <b>8 credits</b>	Plus Number of Common Prerequisites in General Education Core
<b>52</b>	Equals Number Credit Hours to complete remainder of General Education

**If the number of credit hours to complete remainder of general education is less than 24 credit hours, explain how students will meet the requirements of the common prerequisites:**

N/A

### V. Supporting Documentation

Include the following with this proposal:

- The program page from the Common Prerequisite Manual, if applicable.
- The program requirements for the baccalaureate degree.

**Date of Submission to the Board of Governors or the Division of Florida Colleges:** 04/20/2020

<b>Program:</b>	<u>Cardiopulmonary Science</u>	<b>CIP:</b>	<u>51.0908</u>
		<b>Track:</b>	<u>1</u>
<b>Offered At:</b>	<u>FSWSC</u>	<b>Program Length:</b>	<u>120 Cr. Hrs.</u>
	<u>FAMU</u>		<u>127</u>
	<u>VC*</u>		<u>128</u>

Revised Oct 2010  
 FSWSC program is BAS in Cardiopulmonary Science.  
 REVISED 10/23/13  
 Technical course correction 8/4/14  
 Revised October 2015  
 Revised February 2017  
 Technical revision 7/5/2018  
 Technical 12/11/2018; 12/28/2018  
 Technical 6/18/2019

---

**LOWER LEVEL COURSES**

---

	<b>Cr. Hrs.</b>
_____ BSCX005/X005L	4
or- BSCX005C	4
or- BSCX010/X010L	4
or- BSCX010C	4
or- Take all of the following	
&- CHMXXXX/XXXXL	4
or- CHMXXXXC	4
&- _____ BSCX093/X093L	4
or- BSCX093C	4
or- ZOOX733C	4
or- Take all of the following	
&- BSCX085/X085L	4
or- BSCX085C	4
&- _____ BSCX086C	4
or- BSCX086/X086L	4
or- BSCX094/X094L	4
or- BSCX094C	
&- CGSX060 <sup>(1)</sup>	3
&- _____ MCBX010/X010L	4
or- MCBX010C	4
or- MCBX020/X020L	4
or- PHAX751	4
or- MCBX004C	4
&- _____ PHYX007/X007L <sup>(1,1)</sup>	4
or- PHYX007C	4
or- PHYX053/X053L	4
or- PHYX053C	4
&- _____ SPCX050 <sup>(2)</sup>	3
or- SPCX608 <sup>(2)</sup>	3
or- SPCX023 <sup>(2)</sup>	3

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

NOTE: A grade of 'C' or higher is required for all common prerequisite courses.

(1) Course not required at FSWSC and VC.

(2) Course Not Required at FSWSC.

\* Limited Access.

## Common Prerequisite Request

### Submission Directory Information

Name of Institution:	University of Florida
Name of Person Making the Initial Request:	
Title for the Person Listed Above:	
Signature of Institution Common Prerequisite Liaison:	
Date of Submission:	February 5, 2020

### Academic Program Information:

Name of Academic Degree Program:

Six Digit CIP Code:

Type of Baccalaureate Degree (Bachelor of Science, Bachelor of Arts, etc.):

Credit Hours to Degree for the program:

Is this program limited access?

### Related Current Common Prerequisite Manual Information:

Is there currently a baccalaureate degree in the CIP listed above in the Common Prerequisite Manual?

### Is this a request to:

1. Add your institution to the Common Prerequisite Manual without making curriculum changes to the Manual? **No**
  - a. If so, which "track" is requested?
2. Add Course(s) and/or Course Alternative(s)? **No**
3. Eliminate Course(s) or Alternatives? **No**
4. Establish a common prerequisite page in a six-digit CIP not currently established in the manual? **No**
5. Establish a completely new "track"? **No**
6. Change credit hour to degree listing for your institution's program? **No**
7. Change the limited access standing for your institution's program? **NA**
8. Change your program's CIP code in the Manual? **No**

### Adding Course(s) and/or Course Alternative(s):

After checking to determine access to courses for Florida College System students, please list the following information for each course or alternative that you would like added (add rows if necessary):

CIP CODE:	Track Number:		
Course Prefix and Number	Course Title	Course # of Credit Hours	Justification for addition


**Eliminating Course(s) and/or Course Alternative(s):**

Please list the following information for each course or alternative that you would like to eliminate (add rows if necessary):

CIP CODE:	Track Number:	
Course Prefix and Number	Course Title	Justification for elimination

Does the recommendation above still provide course options for Florida College System institution students? **Yes**

**Establish a new six-digit CIP listing in the Common Prerequisite Manual (there are currently no programs listed in this CIP)**

Please provide the following information:

Six-Digit CIP	Proposed Name	Justification for New CIP

**Establish a new “track” in the Common Prerequisite Manual**

Please provide the following information:

Track Number	Proposed Track Name	Justification for Additional Track

A description of your program’s curriculum must be attached.

**Require Footnote**

Does your request add a footnote? **Yes**

**Provide:**

- (1) UF DOES NOT require CHMX210/X210L & CHMX211/X211L; PHYX053/X053L & PHYX054/X054L to be taken prior to transfer admission. MACX311& MACX312 are not required for the Bachelor of Arts in Biology track hence need not be taken prior to transfer admission. For all other biology tracks/specializations, MACX311 is required to be taken prior to transfer admission. However, MACX312 is not required to be taken prior to transfer admission. Note: the requirements for each of our biology tracks differ, and some tracks have a wider range of course options than what is listed above. Please consult the UF course catalog for more information.

### Change in Credit Hour:

If the baccalaureate degree program is over 120 credit hours to a degree, has it been approved for exceeding the limit by the Board of Governors or State Board of Education's approved credit hour total for the degree?

### Change in Limited Access Status:

Has the university board of trustees and the Board of Governors approved the addition or elimination of limited access status?

If the answer is yes to the above question, is limited access granted or eliminated?

### CIP Change:

From CIP:

Moved to CIP:

Are the common prerequisites for the degree remaining the same?

### Accessibility:

Number of Credit Hours for AA	60
Subtract Number of Credit Hours Required for Common Prerequisites	-32
Add the Number of Credit Hours for Common Prerequisites that are also general education core requirements	+6
Total number of semester hours left to complete the rest of the student's general education requirements (30 credit hours)	= 34

If a student does not have enough room in the "total" above to complete the rest of general education requirements:

Justification for requiring more common prerequisite course credit hours than can be accommodated by the student in 60 semester hours:

With these recommendations, how does your institution propose to assist transfer students in avoiding time to degree?

<b>Program:</b>	<u>Biology, General</u>	<b>CIP:</b>	<u>26.0101</u>
		<b>Track:</b>	<u>1/3</u>
<b>Offered At:</b>	<u>FAMU, FAU, FGCU, FIU, FSU, IRSC, MDC, SPC, UCF, UF, UNF*, USE, USFSM, USFSP, UWF</u>	<b>Program Length:</b>	<u>120 Cr. Hrs.</u>

REVISED 9/1/11  
 Revised 10/24/2012  
 Revised May 2015  
 REVISED 10/28/15  
 Technical revision 7/6/2018

---

**LOWER LEVEL COURSES**

---

	Cr. Hrs.	
_____ BSCX010/X010L	4	Biology I w/ Lab
or- BSCX010C	4	
or- BSCX040/X040L	4	
or- BSCX040C	4	
&_____ BSCX011/X011L	4	Biology II w/ Lab
or- BSCX011C	4	
or- BSCX041/X041L	4	
or- ZOOX010/X010L	4	
or- BOTX010/X010L	4	
or- BOTX013/X013L	4	
or- BSCX041C	4	
or- ZOOX010C <sup>(1)</sup>	4	
or- BOTX010C <sup>(1)</sup>	4	
or- BOTX013C <sup>(1)</sup>	4	
&_____ CHMX045/X045L	4	Chemistry I w/ Lab
or- CHMX045C	4	Chemistry I w/ Lab
or- CHMX040	3	
&- CHMX041	1	
&_____ CHMX046/X046L	4	Chemistry II w/ Lab
or- CHMX046C	4	Chemistry II w/ Lab
&_____ CHMX210/X210L <sup>(2)(4)</sup>	4	
&- CHMX211/X211L <sup>(3)(4)</sup>	4	
or- CHMX210C	4	
&- CHMX211C <sup>(3)</sup>	4	
or- PHYX053 <sup>(2)(4)</sup>	3	
&- PHYX053L	1	
or- PHYX048L	1	
&- PHYX054 <sup>(2)(4)</sup>	3	
&- PHYX054L	1	
or- PHYX049L	1	
or- PHYX048/X048L <sup>(3)(4)</sup>	4	
&- PHYX049/X049L <sup>(3)(4)</sup>	4	
&_____ MACX311 <sup>(4)</sup>	4	
or- MACX233	4	
or- MACX253	4	
or- MACX281	4	
or- MACX241	4	
&_____ MACX312 <sup>(4)</sup>	4	
or- MACX282	4	
or- MACX234	4	
or- STAX023	3	
or- STAX024	4	
or- STAX321	4	

(Please see notes in the following page)

(Continues from previous page)

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

-----

- (1) ONLY UWF accepts this alternative common prerequisite choice.
  - (2) UWF requires both CHMX210/X210L and PHYX053/X053L & PHYX054/X054L.
  - (3) UWF DOES NOT accept this course as a common prerequisite.
  - (4) UF DOES NOT require CHMX210/X210L & CHMX211/X211L; PHYX053/X053L & PHYX054/X054L to be taken prior to transfer admission. MACX311 & MACX312 are not required for the Bachelor of Arts in Biology track hence need not be taken prior to transfer admission. For all other biology tracks/specializations, MACX311 is required to be taken prior to transfer admission. However, MACX312 is not required to be taken prior to transfer admission. Note: the requirements for each of our biology tracks differ, and some tracks have a wider range of course options than what is listed above. Please consult the UF course catalog for more information.
- \* Limited Access.

Program: Exercise Science/Kinesiology

CIP: 31.0505

Track: 1 or 2

Offered At: UNF, FAU, UCF

Program Length: 120 Cr. Hrs.

---

## LOWER LEVEL COURSES

---

BSCX085C

Or BSCX085 & BSCX085L

Or BSCX93C

Or BSCX093 & BSCX093L

Or APKX100C

Or PETX322 & PETX322L

Or ZOOX736C Exercise Physiology Anatomy

& BSCX086C

Or BSCX86 & BSCX086L

Or PETX323C

Or APKX105C

Or BSCX094 & BSCX094L

Or PCBX703C Human Physiology

& SPCX608

& HSCX400

& PSYX012

& MACX105

Or MACX140

Or MACX147

Or MACX311

& STAX023

Or MACX147

& HSCX100

Or HUNX201

& CHMX030

Or CHMX045C

Or CHMX045 & CHMX045L

## Common Prerequisite Request

### Submission Directory Information

Name of Institution:	University of Central Florida
Name of Person Making the Initial Request:	Dr. David Fukuda
Title for the Person Listed Above:	Assoc Professor and Program Coord; Kinesiology and Physical Therapy
Signature of Institution Common Prerequisite Liaison: Timothy Letzring	
Date of Submission:	3/25/2020

### Academic Program Information:

Name of Academic Degree Program: Kinesiology

Six Digit CIP Code: 31.0505

Type of Baccalaureate Degree (Bachelor of Science, Bachelor of Arts, etc.): Bachelor of Science

Credit Hours to Degree for the program: 120

Is this program limited access? No

### Related Current Common Prerequisite Manual Information:

Is there currently a baccalaureate degree in the CIP listed above in the Common Prerequisite Manual? Yes

### Is this a request to:

1. Add your institution to the Common Prerequisite Manual without making ) curriculum changes to the Manual? No
  - a. If so, which "track" is requested?
2. Add Course(s) and/or Course Alternative(s)? Yes
3. Eliminate Course(s) or Alternatives? No
4. Establish a common prerequisite page in a six-digit CIP not currently established in the manual? No
5. Establish a completely new "track"? No
6. Change credit hour to degree listing for your institution's program? No
7. Change the limited access standing for your institution's program? No
8. Change your program's CIP code in the Manual? Yes.

### Adding Course(s) and/or Course Alternative(s):

After checking to determine access to courses for Florida College System students, please list the following information for each course or alternative that you would like added (add rows if necessary):

CIP CODE: 31.0505	Track Number: 1		
Course Prefix and Number	Course Title	Course # of Credit Hours	Justification for addition

ZOO 3736C	<i>Exercise Physiology Anatomy</i>	4	<i>Used as a substitute for BSC 2085 through BSC 2093C options, since UCF does not offer these courses; we accept the BSC 2085 through BSC 2093C sequence of courses under the CPP for transfers</i>
PCB 3703C	<i>Human Physiology</i>	4	<i>Used as a substitute for BSC 2086C through BSC 2094C options, since UCF does not offer these courses; we accept the BSC 2085 through BSC 2093C sequence of courses under the CPP for transfers</i>

**Eliminating Course(s) and/or Course Alternative(s):**

Please list the following information for each course or alternative that you would like to eliminate (add rows if necessary):

CIP CODE:	Track Number:	
Course Prefix and Number	Course Title	Justification for elimination

Does the recommendation above still provide course options for Florida College System institution students?

**Establish a new six-digit CIP listing in the Common Prerequisite Manual (there are currently no programs listed in this CIP)**

Please provide the following information:

Six-Digit CIP	Proposed Name	Justification for New CIP

**Establish a new “track” in the Common Prerequisite Manual**

Please provide the following information:

Track Number	Proposed Track Name	Justification for Additional Track

A description of your program’s curriculum must be attached. )

### Change in Credit Hour:

If the baccalaureate degree program is over 120 credit hours to a degree, has it been approved for exceeding the limit by the Board of Governors or State Board of Education's approved credit hour total for the degree? NA

### Change in Limited Access Status:

Has the university board of trustees and the Board of Governors approved the addition or elimination of limited access status? No.

If the answer is yes to the above question, is limited access granted or eliminated?

### CIP Change:

From CIP: 13.1314

Moved to CIP: 31.0505

Are the common prerequisites for the degree remaining the same? See substitution request above;

### Accessibility:

Number of Credit Hours for AA	60
Subtract Number of Credit Hours Required for Common Prerequisites	-
Add the Number of Credit Hours for Common Prerequisites that are also general education core requirements	+
Total number of semester hours left to complete the rest of the student's general education requirements	=

If a student does not have enough room in the "total" above to complete the rest of general education requirements:

Justification for requiring more common prerequisite course credit hours than can be accommodated by the student in 60 semester hours:

With these recommendations, how does your institution propose to assist transfer students in avoiding time to degree?