

State University System - Fully Online Undergraduate Degree Inventory and Gaps

Tactic 1.1.2 – Current Online Offerings and Gaps

Subcommittee:

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Assignment:

“Review current offerings of fully online degree programs by CIP codes and make recommendations to address gaps.” *Note:* While the original assignment did not specify distinct undergraduate and graduate listings, reporting these programs separately provides a clearer picture of online activity.

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| Access 1.1.2 | Offer a broad range of fully online degree programs in most Classification of Instructional Programs (CIP) codes reflected in the Board of Governors Approved Academic Program. | December 2016: Online Programs Workgroup to review current offerings of fully online degree programs by CIP codes and make recommendations to address gaps in providing a broad range of degree programs online. Recommendations presented to Implementation Committee in its January meeting. Upon approval, recommendations sent to Steering Committee for their approval. After approval by the Steering Committee, the recommendations are sent to the CAVP. |
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Gaps in State University System Fully Online Undergraduate Degree Programs by CIP Code

The following gaps have been identified as being the highest priority for Fully Online Undergraduate Degree Programs.

PRIMARY GAPS – No Fully online offering currently in the SUS under this CIP code and major.

| CIP Detail | Major | Degree Type | Strategic Emphasis | Offered |
|--|--------------------------------------|-------------|--------------------|---------|
| 01.1001 Food Science | Food Science | Bach. | STEM | N/A |
| 09.0702 Digital Communication and Medi ... | Digital Communication and Multimedia | Bach. | STEM | N/A |
| 09.0900 Public Relations, Advertising, and ... | Public Relations and Advertising | Bach. | GAP ANALYSIS | N/A |
| 14.0901 Computer Engineering, General. | Computer Engineering | Bach. | STEM | N/A |
| 27.0101 Mathematics, General. | Mathematics | Bach. | STEM | N/A |
| 27.0301 Applied Mathematics, General. | Applied Mathematics | Bach. | STEM | N/A |
| 27.0501 Statistics, General. | Statistics | Bach. | STEM | N/A |
| 52.0803 Banking and Financial Support ... | Financial Services | Bach. | GAP ANALYSIS | N/A |

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SECONDARY GAPS – Fully online offering in the system under this or another closely related CIP but there may be additional capacity.

| CIP Detail | Major | Degree Type | Strategic Emphasis | Offered |
|---|---|-------------|--------------------|-----------|
| 03.0103 Environmental Studies. | Sustainability and the Environment | Bach. | STEM | FIU |
| 05.0107 Latin American Studies. | Latin American Studies | Bach. | GLOBAL | UCF |
| 11.0101 Computer and Information Scien ... | Computer Science | Bach. | STEM | UF |
| 13.1001 Special Education and Teaching, ... | Exceptional Student Education- Elem-ESOL-Reading | Bach. | EDUCATION | UWF; IRSC |
| 13.1311 Mathematics Teacher Education. | Mathematics Teacher Education | Bach. | EDUCATION | IRSC, SPC |
| 13.1316 Science Teacher Education/Gene ... | Science Teacher Education | Bach. | EDUCATION | SPC |
| 26.0101 Biology/Biological Sciences, General. | Biology | Bach. | STEM | UF, SPC |
| 52.0801 Finance, General. | Finance | Bach. | GAP ANALYSIS | FIU |
| 52.1001 Human Resources Management/ | Human Resource Management Personnel Administration, General. | Bach. | GAP ANALYSIS | FIU |
| 52.1101 International Business/Trade/Co ... | International Business | Bach. | GLOBAL | FIU |
| 52.1201 Management Information Systems ... | Logistics and Supply Chain Management | Bach. | STEM | FIU, SPC |

PRIMARILY ONLINE PROGRAMS - Explore the possibility of expanding these Primarily Online Programs to Fully Online Programs.

| CIP Detail | Major | Degree Type | Strategic Emphasis | Offered |
|--|------------------------------------|-------------|--------------------|---------|
| 09.0101 Speech Communication and Rheto ... | Human Communication | Bach. | GAP ANALYSIS | UCF |
| 26.0908 Exercise Physiology. | Applied Physiology and Kinesiology | Bach. | STEM | UF |

FULLY ONLINE UPPER LEVEL - Explore expanding these degrees with Fully Online Upper Level offerings to Fully Online Four Year offerings.

| CIP Detail | Major | Degree Type | Strategic Emphasis | Offered |
|--|-------------------------------|-------------|-----------------------|---------|
| 11.0101 Computer and Information Scien ... | Computer Science | Bach. | STEM | FSU |
| 11.0103 Information Technology. | Information Studies | Bach. | STEM | USF |
| 11.0103 Information Technology. | Information Technology | Bach. | STEM | USF |
| 26.0503 Medical Microbiology and Bacte ... | Microbiology and Cell Science | Bach. | STEM | UF |
| 43.0107 Criminal Justice/Police Science. | Law Enforcement Operations | Bach. | No Strategic Emphasis | FSU |
| 50.0102 Digital Arts. | Digital Arts and Sciences | Bach. | STEM | UF |

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|--|--------------------------------------|-------|--------------|---------------|
| 51.0000 Health Services/Allied Health/ ... | Health Science | Bach. | HEALTH | FGCU |
| 51.0201 Communication Sciences and Dis ... | Communication Sciences & Disorders | Bach. | HEALTH | USF |
| 51.0204 Audiology/Audiologist and Spee ... | Communication Sciences and Disorders | Bach. | HEALTH | UF |
| 51.3801 Registered Nursing/Registered ... UNF | Nursing | Bach. | HEALTH | FAU; FIU; UF; |
| 52.0301 Accounting. | Accounting | Bach. | GAP ANALYSIS | FAU |

*Note: 50.0102: The Digital Arts program could also be placed under the following “Delivery Challenges” category.

*Note: 51.0000: UWF offers four Fully Online Baccalaureate degrees under this CIP code.

*Note: 51.3801: UCF, UWF, CC, FSSC, NFSC, PBSC, PSC, IRSC, and PHSC offer Fully Online Baccalaureate degrees under this CIP code.

*Note: There are a number of other programs which offer fully online upper level courses that were not included because they did not fit into one of the strategic emphasis categories.

DELIVERY CHALLENGES - Gaps which may require innovative approaches to overcome online delivery challenges. For example, STEM labs.

| CIP Detail | Major | Degree Type | Strategic Emphasis | Offered |
|--|---------------------------------|--------------------|---------------------------|----------------|
| 14.0801 Civil Engineering, General. | Civil Engineering | Bach. | STEM | N/A |
| 14.1001 Electrical and Electronics Engineering | Electrical Engineering | Bach. | STEM | N/A |
| 14.1901 Mechanical Engineering. | Mechanical Engineering | Bach. | STEM | N/A |
| 14.3501 Industrial Engineering. | Industrial Engineering | Bach. | STEM | N/A |
| 16.0905 Spanish Language and Literature. | Spanish Language and Literature | Bach. | GLOBAL | N/A |
| 26.0301 Botany/Plant Biology. | Botany | Bach. | STEM | N/A |
| 26.0701 Zoology/Animal Biology. | Zoology | Bach. | STEM | N/A |
| 31.0505 Kinesiology and Exercise Science. | Kinesiology | Bach. | STEM | N/A |
| 40.0501 Chemistry, General. | Chemistry | Bach. | STEM | N/A |
| 40.0801 Physics, General. | Physics | Bach. | STEM | N/A |
| 43.0106 Forensic Science and Technology. | Forensic Science | Bach. | STEM | N/A |
| 50.0409 Graphic Design. | Graphic Design | Bach. | STEM | N/A |

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Methodology - SUS Fully Online Undergraduate Degree Inventory

The **SUS Fully Online Undergraduate Degree Inventory** is a subset of a larger **SUS Online Program Inventory**. The complete inventory was compiled using the survey responses received from each of the SUS institutions in 2015. The Online Program Survey data for all SUS institutions was merged into a single data source. Rows with concentrations or specializations were identified and consolidated so as to represent the agreed upon definition of an Online Degree Program being an “Online Major”. Only degree programs reported as being fully online for all four years were included in this undergraduate inventory.

The SUS Online Program Inventory data was cross-referenced with and validated against the [CIP 2010](#) listing, the [Approved Program Inventory](#) as well as [Programs of Strategic Emphasis Effective Fall 2014 \(by CIP\)](#) document. In addition to the Fully Online Undergraduate Degree Programs, inventories at both the graduate and undergraduate level are able to be generated for Primarily Online Degrees, Fully Online Certificates, Primarily Online Certificates, and Fully Online Upper Level Undergraduate Degrees.

Note: The Florida College System Online Program Inventory is being maintained separately from the SUS Online Program Inventory. Both inventories will be made available for review.

Methodology - SUS Fully Online Undergraduate Degree Gap Analysis

Tactic 1.1.2 required gaps to be identified at the CIP code level. Since there are roughly two thousand CIP codes in the CIP 2010 listing, there needed to be a way to reduce the list down to a more manageable number. Fortunately, the SUS has identified 227 codes as currently having strategic emphasis. This subset was used as the starting point for the gap analysis.

Primary Gaps: The SUS Fully Online Undergraduate Degree Inventory was compared to the strategic emphasis CIP list and it was found that 208 CIP codes did not have a corresponding program. For the purpose of this report, CIP codes with no offering are labelled as “primary gaps”. The primary gap list was reduced to a priority listing and majors were specified based upon the institutional knowledge of several members of the workgroup.

Secondary Gaps: Some CIP codes may not appear on the primary gap listing but may require expansion due to the need for extra capacity or additional majors. These are being termed “secondary gaps” and were identified by members of the workgroup reviewing the existing inventory.

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Primarily Online and Fully Online Upper Level Programs: A number of programs across the system already exist as Primarily Online Undergraduate Degrees or Fully Online Upper Level Undergraduate Degrees. A listing of these has been provided with the suggestion that some may be good candidates to become Fully Online Undergraduate Degree programs.

Primary Gaps with Challenges: The final listing of gaps represent those which may require innovative approaches to overcome online delivery challenges. For example, STEM programs with labs and foreign language programs with spoken language requirements.

Note: The Florida College System Online Program Inventory was used to modify the identified gaps in the final step of this gap analysis.

Note: See <http://tnt.aa.ufl.edu/sus-online-inventory.aspx> for complete online program inventories and CIP code gap listings.