

# DIGITAL SCIENCES - B.A.

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## In Workflow

1. DSCI Director (drobins@kent.edu)
2. CI CCC Agenda Role (czingron@kent.edu)
3. CI Dean (areyno24@kent.edu;%20czingron@kent.edu)
4. Provost (jkellog7@kent.edu;%20ttillet1@kent.edu;%20dvan@kent.edu)
5. Educational Policies Council (jkellog7@kent.edu;%20dvan@kent.edu)
6. Final Catalog Review (Final%20Catalog%20Review@kent.edu)

TEMPORARY SUSPENSION OF PROGRAM  
Effective spring 2021

## Approval Path

1. Wed, 05 Feb 2020 21:21:29 GMT  
Scott Bogoniewski (sbogonie): Approved for DSCI Director
2. Tue, 18 Feb 2020 19:11:37 GMT  
Catherine Zingrone (czingron): Approved for CI CCC Agenda Role
3. Mon, 24 Feb 2020 20:29:44 GMT  
Amy Reynolds (areyno24): Approved for CI Dean

## Program Inactivation Proposal

Date Submitted: Mon, 03 Feb 2020 17:52:18 GMT

**Viewing: Digital Sciences - B.A.**

**Last approved: Wed, 15 May 2019 15:42:01 GMT**

**Last edit: Mon, 09 Mar 2020 20:14:23 GMT**

Changes proposed by: czingron

Suspend

SUSPENSION OF PROGRAM Digital Sciences (DSCI) is in its third year in CCI and its eighth year at Kent State. It is an interdisciplinary program that, until now, had no faculty of its own. CCI has recently hired four faculty members with 25% – 75% appointments in DSCI. This has given CCI the opportunity to rethink the DSCI curriculum by drawing on the strengths and skill sets of new faculty as well as to better incorporate feedback from industry employers. As our new faculty reviewed the interdisciplinary curriculum, it was apparent that all of our majors needed to be revised. We have proposed restructuring the curriculum for the Bachelor of Science degree program as well as changing the name of the school to Emerging Media and Technology, which we hope to launch in fall 2020. The next steps for the faculty team are to re-develop the Bachelor of Arts in Digital Sciences and the Master of Digital Sciences programs. With the revisions to the Bachelor of Science degree program and the school name change, the faculty unanimously feel it is best to suspend admissions into the Bachelor of Arts in Digital Sciences while they decide how this program best fits with the direction of the school and college. We plan to engage in a comprehensive revision of the Bachelor of Arts degree with a plan to launch the new curriculum in fall 2021.

There are currently twelve (12) students enrolled in the Bachelor of Arts degree program, of which five (5) are seniors, three (3) are juniors, three (3) are sophomores, and one (1) is a freshman. There are currently three (3) additional students who have been offered admission for fall 2020. Since the Bachelor of Arts degree was designed as a completer program for students who are currently working in the field and who are close to degree completion, we plan to reach out to the students, especially the newly admitted students, to educate them about the Bachelor of Science degree and to assist them in determining which degree is the most appropriate and beneficial for them. For those students who are interested, we will encourage them to consider the new Bachelor of Science in Emerging Media and Technology program upon its final approval. For those students who are currently seniors and/or who decide to stay in the Bachelor of Arts degree program, we will continue to offer courses that are required for them to complete their degrees. When necessary, course substitutions will be provided when newer (updated) courses are being offered that adequately meet the program learning outcomes for the Bachelor of Arts degree.

We do not anticipate this suspension to admission will cause any loss of shared faculty or staff positions as we still plan to offer the Bachelor of Science degree program and faculty have a shared appointments in other schools in the college.

No

We plan to have email communication with the students as well as a series of meetings to announce changes in the school, answer questions and guide students to appropriate pathways toward their degree. We will also involve the College of Communication and Information advising team to talk with students and will include advisors in every step of the process with the students.

## Reviewer Comments

**Catherine Zingrone (czingron) (Tue, 18 Feb 2020 19:11:33 GMT):** Sent to dean for review. Pending approval at CCI CCC Mtg on 2.21.20.

**Program Type:**

Major or Degree

**College:**

College of Communication and Information

**Department/School:**

School of Digital Sciences

**Level:**

Undergraduate

**Program Name:**

Digital Sciences - B.A.

**Degree:**

Bachelor of Arts

**List the delivered modes for the program:**

On-Ground

**Fully Offered At: List all campuses/locations and methods (e.g., online, accelerated) for which a student can fully complete the program.**

- Kent Campus

**Lead administrator for this proposal:**

Scott Bogoniewski, Dave Robins, Michael Beam

**CIP Code**

110101 - Computer and Information Sciences, General.

**Why are you making these revisions?**

We are proposing to suspend admission to the Bachelor of Arts in Digital Sciences degree program for the 2020-21 school year. As our interdisciplinary curriculum aged, it was apparent that our majors needed revisions. We have revised the Bachelor of Science degree which is proposed to launch in the fall of 2020, and we plan to engage in a comprehensive revision of the Bachelor of Arts degree with a plan to launch in fall 2021.

**How will these revisions affect current students in the program?**

We will continue to offer courses that are required for current students to complete their degrees. When necessary, course substitutions will be provided when newer (updated) courses are being offered that adequately meet the program learning outcomes for the Bachelor of Arts degree.

**Are you establishing new or revising courses for this program? If yes, please explain. (You will also need to submit separate course workflows.)**

No. This proposal aims to suspend admission to our program for one academic year. We plan to bring forward a new proposal with new and/or revised courses for the Bachelor of Arts degree.

**Units consulted (other departments, programs or campuses affected by this proposal):****Units Consulted**

Department of Management and Information Systems

College of Aeronautics and Engineering

**Catalog Copy****Effective Catalog:**

2020-2021

**Description: Describe the program as you would to a prospective student.**

The Bachelor of Arts degree in Digital Sciences is designed to provide students with the ability to adapt and succeed in a rapidly changing digital world. The program provides a broad overview of digital technologies, often from multiple points of view. For example, a student may study the content and visual layout of a web page with a journalism professor and later study the programming aspects of a web page with a business professor. A course with an architect adds more material on design, and a

course with a computer scientist adds additional programming skills. This multidisciplinary skill set adds the flexibility needed for many of today's careers.

Building on this broad overview, the program adds further depth in technical topics, societal issues, and project management. Students gain additional technical competency by studying information management, database systems and digital security. Finally, students learn how to work on a team by studying requirements engineering, project management and team dynamics.

Programs in the College of Communication and Information are, by nature, innovative, interdisciplinary and collaborative, which is critical to both professional and scholarly disciplines. Students are educated to work at the intersections of communication, information and technology. Through a core of diverse theory- and practice-based courses, students learn basic concepts that apply across the range of college programs and develop a sense of professional expectations and build toward interdisciplinary thinking and application.

**Admission Requirements:** If program does not have additional admission criteria above and beyond the minimum to be admitted to a Kent State associate or bachelor's degree, write "standard admission criteria for the degree." If program has additional admission criteria (e.g., audition, 3.0 high school GPA, 2.75 overall GPA for transfer students), list those requirements.

The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special talents and adult students who graduated from high school three or more years ago.

**Freshman Students on the Kent Campus:** The freshman admission policy on the Kent Campus is selective. Admission decisions are based upon the following: cumulative grade point average, ACT and/or SAT scores, strength of high school college preparatory curriculum and grade trends. The Admissions Office at the Kent Campus may defer the admission of students who do not meet admissions criteria but who demonstrate areas of promise for successful college study. Deferred applicants may begin their college coursework at one of seven regional campuses of Kent State University. For more information on admissions, including additional requirements for some academic programs, visit the admissions website for new freshmen (<http://www.kent.edu/admissions/undergraduate/new-freshmen/>).

**Freshman Students on the Regional Campuses:** Kent State campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, as well as the Regional Academic Center in Twinsburg, have open enrollment admission for students who hold a high school diploma, GED or equivalent.

**English Language Proficiency Requirements for International Students:** All international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning a minimum 525 TOEFL score (71 on the Internet-based version), minimum 75 MELAB score, minimum 6.0 IELTS score or minimum 48 PTE score, or by completing the ESL level 112 Intensive Program. For more information on international admission, visit the Office of Global Education's admission website (<http://www.kent.edu/globaleducation/international-admissions/>).

**Transfer, Transitioning and Former Students:** For more information about admission criteria for transfer, transitioning and former students, please visit the admissions website (<https://www.kent.edu/transfer/>).

**Program Learning Outcomes:** List the specific knowledge and skills directly related to the program's discipline that you expect students to acquire as part of their educational experience in the program. The outcomes must be observable and measurable, rather than what students "demonstrate," "understand," "appreciate," etc.

Graduates of this program will be able to:

1. Demonstrate broad interdisciplinary knowledge and understanding of digital sciences across traditional college and professional boundaries. They will be able to work with technical, business, and design professionals, and will be able to integrate material from these various disciplines. They will be able to adapt their thinking based on how different societies, cultures, genders, ethnic groups and professions approach technology and information and use it in different ways.
2. Demonstrate competence with a broad range of digital technologies. In many cases, they will be able to apply multiple approaches to a problem as practiced by different professions. They will demonstrate theoretical and practical understanding of web page design, web programming, computational thinking, database systems, information management, and digital systems security.
3. Apply design thinking to technological problems. They will demonstrate familiarity with design thinking and the relationship between design and technology. They will be able to help web designers and programmers make their technology easier to use.
4. Apply critical evaluation and problem solving skills to organizational needs. They will be able to analyze customer needs, consider the impact on various diverse groups or cultures, evaluate solutions from a variety of technical and design viewpoints, and solve a variety of technical and design problems.
5. Demonstrate effective communication skills, both verbally and in written form. They will be able to communicate as individuals or as part of a project team, and they will be able to communicate with technical, business, and design professionals.
6. Participate in, and lead, multidisciplinary project teams. They will demonstrate theoretical and practical understanding of requirements engineering, project management, and team dynamics. They will demonstrate practical experience working with students from another department on a multidisciplinary project team.

**Program Requirements:**

Code	Title	Credit Hours
<b>Major Requirements (courses count in major GPA)</b>		
CIS 24053	INTRODUCTION TO COMPUTER APPLICATIONS	3
CIS 24065	WEB PROGRAMMING	3
CIS 44043	DATA MANAGEMENT AND BUSINESS INTELLIGENCE I	3
DSCI 13210	Course DSCI 13210 Not Found	3

DSCI 15310	Course DSCI 15310 Not Found	3
DSCI 34410	Course DSCI 34410 Not Found	3
DSCI 41510	Course DSCI 41510 Not Found <sup>1</sup>	3
DSCI 41610	Course DSCI 41610 Not Found	3
TECH 46411	Course TECH 46411 Not Found	3
<b>Additional Requirements (courses do not count in major GPA)</b>		
UC 10097	DESTINATION KENT STATE: FIRST YEAR EXPERIENCE	1
College of Communication and Information Core Electives, choose from the following:		9
CCI 12001	PHOTOGRAPHY	
COMM 15000	INTRODUCTION TO HUMAN COMMUNICATION (KADL)	
COMM 35852	INTERCULTURAL COMMUNICATION (DIVG)	
JMC 20001	MEDIA, POWER AND CULTURE (DIVD) (KSS)	
JMC 21008	SOCIAL MEDIA STRATEGIES	
LIS 30010	INFORMATION FLUENCY IN THE WORKPLACE AND BEYOND	
UXD 20001	INTRODUCTION TO USER EXPERIENCE DESIGN	
VCD 13000	DESIGN: PRINCIPLES, PROCESSES AND PRACTICE	
Kent Core Composition		6
Kent Core Mathematics and Critical Reasoning		3
Kent Core Humanities and Fine Arts (minimum one course from each)		9
Kent Core Social Sciences (courses from two curricular areas)		6
Kent Core Basic Sciences (must include one laboratory)		6-7
Kent Core Additional		6
General Electives (total credit hours depends on earning 120 credit hours, including 39 upper-division credit hours) <sup>2</sup>		47
Minimum Total Credit Hours:		120

<sup>1</sup> Minimum C grade required in DSCI 41510 to fulfill the writing-intensive requirement.

<sup>2</sup> The following courses are recommended electives to fulfill the Experiential Learning Requirement: DSCI 40910 or DSCI 49992.

#### Total Credit Hours:

120

## Progression Requirements

## Graduation Requirements

Graduation Requirements: (i.e., minimum grade in specific courses, passage of specific exam)

Minimum Major GPA	Minimum Overall GPA
2.250	2.000

**Roadmap: Adjust the table to the proposed curriculum, including the Kent Core and general elective requirements.**

Semester One		Credits
UC 10097	DESTINATION KENT STATE: FIRST YEAR EXPERIENCE	1
College of Communication and Information Core Electives		3
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
General Electives		3
Credit Hours		16
Semester Two		Credits
CIS 24053	INTRODUCTION TO COMPUTER APPLICATIONS	3
DSCI 13210	Course DSCI 13210 Not Found	3
College of Communication and Information Core Electives		3
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		15
Semester Three		Credits
CIS 24065	WEB PROGRAMMING	3
College of Communication and Information Core Electives		3
Kent Core Requirement		3
Kent Core Requirement		3
Kent Core Requirement		3
Credit Hours		15

<b>Semester Four</b>			
!	DSCI 15310	Course DSCI 15310 Not Found	3
	DSCI 34410	Course DSCI 34410 Not Found	3
	Kent Core Requirement		3
	Kent Core Requirement		3
	General Electives		3
		Credit Hours	15
<b>Semester Five</b>			
	CIS 44043	DATA MANAGEMENT AND BUSINESS INTELLIGENCE I	3
	Kent Core Requirement		3
	General Electives		9
		Credit Hours	15
<b>Semester Six</b>			
!	DSCI 41510	Course DSCI 41510 Not Found	3
	Kent Core Requirement		3
	General Electives		9
		Credit Hours	15
<b>Semester Seven</b>			
!	TECH 46411	Course TECH 46411 Not Found	3
	General Electives		12
		Credit Hours	15
<b>Semester Eight</b>			
	DSCI 41610	Course DSCI 41610 Not Found	3
	General Electives		11
		Credit Hours	14
		Minimum Total Credit Hours:	120

## Curriculum Services Information

### Searchable Banner Major Code

DS

Key: 244