EMERGING MEDIA AND TECHNOLOGY - B.S.

College of Communication and Information
School of Emerging Media and Technology
www.kent.edu/emat

About This Program
Technology touches every facet of society; in the Emerging Media and Technology major, you'll explore technology at the intersection of design, education, communication, project management, computer information systems, data and more. Students learn technical applications and skills in problem solving, design, user experience, creative applications and programming and gain experience working in interdisciplinary teams to solve tech-focused problems. Read more...

Contact Information
• Michael Beam | emat@kent.edu | 330-672-9105
• Speak with an Advisor
• Chat with an Admissions Counselor

Program Delivery
• Delivery:
  • In person
• Location:
  • Kent Campus

Examples of Possible Careers and Salaries*
Computer and information systems managers
• 10.4% much faster than the average
• 461,000 number of jobs
• $151,150 potential earnings

Computer occupations, all other
• 5.7% faster than the average
• 431,100 number of jobs
• $92,870 potential earnings

Computer systems analysts
• 7.4% faster than the average
• 632,400 number of jobs
• $93,730 potential earnings

Market research analysts and marketing specialists
• 17.7% much faster than the average
• 738,100 number of jobs
• $65,810 potential earnings

Project management specialists and business operations specialists, all other
• 5.9% faster than the average
• 1,361,800 number of jobs
• $77,420 potential earnings

Software developers and software quality assurance analysts and testers
• 21.5% much faster than the average
• 1,469,200 number of jobs
• $110,140 potential earnings

Web developers and digital interface designers
• 8.0% much faster than the average
• 174,300 number of jobs
• $77,200 potential earnings

* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics’ Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

Admission 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.

First-Year Students on the Kent Campus: First-year admission policy on the Kent Campus is selective. Admission decisions are based upon cumulative grade point average, strength of high school college preparatory curriculum and grade trends. Students not admissible to the Kent Campus may be administratively referred to one of the seven regional campuses to begin their college coursework. For more information, visit the admissions website for first-year students.

First-Year Students on the Regional Campuses: First-year admission to Kent State’s campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, as well as the Twinsburg Academic Center, is open to anyone with a high school diploma or its equivalent. For more information on admissions, contact the Regional Campuses admissions offices.

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 Academic score, or by completing the ELS level 112 Intensive Program. For more information, visit the admissions website for international students.

Transfer Students: Students who have attended any other educational institution after graduating from high school must apply as undergraduate transfer students. For more information, visit the admissions website for transfer students.
Former Students: Former Kent State students or graduates who have not attended another college or university since Kent State may complete the reenrollment or reinstatement form on the University Registrar’s website.

Admission policies for undergraduate students may be found in the University Catalog’s Academic Policies.

Some programs may require that students meet certain requirements before progressing through the program. For programs with progression requirements, the information is shown on the program’s Coursework tab.

**Program Requirements**

**Major Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Requirements (courses count in major GPA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DI 20100</td>
<td>INTRODUCTION TO DESIGN INNOVATION</td>
<td>3</td>
</tr>
<tr>
<td>or VCD 13000</td>
<td>VISUAL DESIGN THINKING</td>
<td></td>
</tr>
<tr>
<td>EMAT 10010</td>
<td>INTRODUCTION TO EMERGING MEDIA AND TECHNOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>EMAT 10310</td>
<td>MY STORY ON THE WEB</td>
<td>3</td>
</tr>
<tr>
<td>EMAT 25310</td>
<td>CREATIVE CODING</td>
<td>3</td>
</tr>
<tr>
<td>EMAT 32210</td>
<td>DATA IN EMERGING MEDIA AND TECHNOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>EMAT 33310</td>
<td>HUMAN-COMPUTER INTERACTION</td>
<td>3</td>
</tr>
<tr>
<td>EMAT 40999</td>
<td>INTERDISCIPLINARY PROJECTS (ELR)</td>
<td>3</td>
</tr>
<tr>
<td>EMAT 41510</td>
<td>PROJECT MANAGEMENT AND TEAM DYNAMICS (WIC)</td>
<td>3</td>
</tr>
<tr>
<td>EMAT 49992</td>
<td>INTERNSHIP IN EMERGING MEDIA AND TECHNOLOGY (ELR)</td>
<td>1-6</td>
</tr>
<tr>
<td>VCD 21000</td>
<td>INTRODUCTION TO WEB DESIGN (30000 or 40000 level)</td>
<td>3</td>
</tr>
<tr>
<td>Emerging Media and Technology (EMAT) Upper-Division Elective</td>
<td>3</td>
<td></td>
</tr>
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</table>

**Additional Requirements (courses do not count in major GPA)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC 10001</td>
<td>FLASHERS 101</td>
<td>1</td>
</tr>
</tbody>
</table>

College of Communication and Information Core Electives, choose from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCI 10095</td>
<td>SPECIAL TOPICS IN COMMUNICATION AND INFORMATION</td>
<td></td>
</tr>
<tr>
<td>CCI 12001</td>
<td>PHOTOGRAPHY</td>
<td></td>
</tr>
<tr>
<td>CCI 40089</td>
<td>BRANDING AND SOCIAL MEDIA STRATEGIES FOR ITALIAN LIFESTYLE (DIVG) (ELR)</td>
<td>3</td>
</tr>
<tr>
<td>CCI 40095</td>
<td>SPECIAL TOPICS IN COMMUNICATION AND INFORMATION</td>
<td></td>
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<tr>
<td>CCI 40189</td>
<td>ITALIAN POP CULTURE (DIVG) (ELR)</td>
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<tr>
<td>CCI 40289</td>
<td>ITALIAN CINEMA (DIVG) (ELR)</td>
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<tr>
<td>CCI 40389</td>
<td>DOCUMENTARY FILMMAKING (DIVG) (ELR)</td>
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<tr>
<td>CCI 40489</td>
<td>MULTIMEDIA EXPERIENTIAL LEARNING (DIVG) (ELR)</td>
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<tr>
<td>CCI 45089</td>
<td>INTERNATIONAL EXPERIENCE IN THE COLLEGE OF COMMUNICATION AND INFORMATION (DIVG) (ELR)</td>
<td>3</td>
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<tr>
<td>CCI 46089</td>
<td>INTERNATIONAL EXPERIENCE IN THE COLLEGE OF COMMUNICATION AND INFORMATION (DIVG) (ELR)</td>
<td>3</td>
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<tr>
<td>COMM 15000</td>
<td>INTRODUCTION TO HUMAN COMMUNICATION (KADL)</td>
<td></td>
</tr>
<tr>
<td>COMM 35852</td>
<td>INTERCULTURAL COMMUNICATION (DIVG)</td>
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</tr>
<tr>
<td>LIS 30010</td>
<td>INFORMATION FLUENCY IN THE WORKPLACE AND BEYOND</td>
<td></td>
</tr>
<tr>
<td>MDJ 20001</td>
<td>MEDIA, POWER AND CULTURE (DIVD) (KSS)</td>
<td></td>
</tr>
</tbody>
</table>

**Minimum Total Credit Hours:** 120

1. Students who have taken IT 20011 or IT 20021 for another program may use it as a substitute for EMAT 25310.
2. Minimum C grade is required to fulfill the writing-intensive requirement.
3. Students who have taken IT 11006 or IT 21011 for another program may use it as a substitute for VCD 21000.
4. A maximum of 4 credit hours of Physical Activity, Wellness and Sport (PWS) courses may be applied toward the degree program. Students must declare a minor or certificate, either from the following list or another relevant minor or certificate with approval by the school director. With approval by the school director, students may use a block of courses to fulfill this requirement:
   - Applied Data and Information
   - Communication Studies
   - Computer Engineering Technology
   - Computer Forensics and Security
   - Computer Information Systems
   - Computer Science
   - Data Analytics
   - Digital Media Production
   - Esports
   - Game Design
   - Game Programming
   - Health Technologies and Informatics
   - Information Design
   - Management for Non-Business Majors
   - Modeling and Animation
   - User Experience Design
   - Web Design and Development
   - Web Programming

**Graduation Requirements**

<table>
<thead>
<tr>
<th>Minimum Major GPA</th>
<th>Minimum Overall GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.000</td>
<td>2.000</td>
</tr>
</tbody>
</table>

**Roadmap**

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credits</th>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>3</td>
<td>EMAT 10010</td>
<td>INTRODUCTION TO EMERGING MEDIA AND TECHNOLOGY</td>
</tr>
</tbody>
</table>
EMAT 25310  CREATIVE CODING  3
UC 10001  FLASHES 101  1
Kent Core Requirement  3
Kent Core Requirement  3
Kent Core Requirement  3

Credit Hours  16

Semester Two

DI 20100  INTRODUCTION TO DESIGN INNOVATION  3
or VCD 13000  or VISUAL DESIGN THINKING
College of Communication and Information Core Elective  3
Kent Core Requirement  3
Kent Core Requirement  3
Kent Core Requirement  3

Credit Hours  15

Semester Three

EMAT 10310  MY STORY ON THE WEB  3
EMAT 32210  DATA IN EMERGING MEDIA AND TECHNOLOGY  3
VCD 21000  INTRODUCTION TO WEB DESIGN  3
Kent Core Requirement  3
Minor or Certificate Requirement or General Elective  3

Credit Hours  15

Semester Four

College of Communication and Information Core Elective  3
Kent Core Requirement  3
Kent Core Requirement  3
Kent Core Requirement  3
Minor or Certificate Requirement or General Elective  3

Credit Hours  15

Semester Five

EMAT 33310  HUMAN-COMPUTER INTERACTION  3
Kent Core Requirement  3
Kent Core Requirement  3
Minor or Certificate Requirements and/or General Electives  6

Credit Hours  15

Semester Six

EMAT 41510  PROJECT MANAGEMENT AND TEAM DYNAMICS (WIC)  3
College of Communication and Information Core Requirement  3
Minor or Certificate Requirements and/or General Electives  9

Credit Hours  15

Semester Seven

EMAT 49992  INTERNSHIP IN EMERGING MEDIA AND TECHNOLOGY (ELR)  1
Emerging Media and Technology (EMAT) Upper-Division Elective (30000 or 40000 level)  3
Minor or Certificate Requirements and/or General Electives  11

Credit Hours  15

Semester Eight

EMAT 40999  INTERDISCIPLINARY PROJECTS (ELR)  3
Minor or Certificate Requirements and/or General Electives  11

Credit Hours  14

Minimum Total Credit Hours: 120

University Requirements

All students in a bachelor's degree program at Kent State University must complete the following university requirements for graduation.

NOTE: University requirements may be fulfilled in this program by specific course requirements. Please see Program Requirements for details.

Flashes 101 (UC 10001)  1 credit hour
Course is not required for students with 30+ transfer credits (excluding College Credit Plus) or age 21+ at time of admission.

Diversity Domestic/Global (DIVD/DIVG)  2 courses
Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.

Experiential Learning Requirement (ELR)  varies
Students must successfully complete one course or approved experience.

Kent Core (see table below)  36-37 credit hours

Writing-Intensive Course (WIC)  1 course
Students must earn a minimum C grade in the course.

Upper-Division Requirement  39 credit hours
Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate.

Total Credit Hour Requirement  120 credit hours

Kent Core Requirements

Kent Core Composition (KCMP)  6
Kent Core Mathematics and Critical Reasoning (KMCR)  3
Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each)  9
Kent Core Social Sciences (KSS) (must be from two disciplines)  6
Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory)  6-7
Kent Core Additional (KADL)  6

Total Credit Hours: 36-37

Program Learning Outcomes

Graduates of this program will be able to:

1. Demonstrate competency in the technical skills needed to pursue jobs in emerging media and technology, which includes web development, coding, data, human-computer interaction, creative applications, programming and problem-solving.
2. Utilize emerging media technologies to design better experiences, improve existing systems and analyze digital social structures.
3. Recognize the rapidly changing nature of emerging media and technology and learn the skills needed to adapt.
4. Apply interdisciplinary solutions to solving technical, social and human problems related to emerging media and technology.
5. Employ teamwork and project management as a problem solving technique.
6. Critically analyze the effectiveness of their own work and the work of others.
Full Description

The Bachelor of Science degree in Emerging Media and Technology teaches technical applications and skills in problem solving, design, user experience, creative applications and programming. Students synthesize technical and organizational skills in a series of experiential, hands-on and project-based courses in which they work collaboratively in interdisciplinary teams. The degree program offers students the space to play, imagine and solve problems. Students also learn to recognize the rapidly changing nature of emerging media and technology and learn the skills needed to adapt.

The Emerging Media and Technology major is interdisciplinary, drawing from a number of disciplines, including emerging media, design, information sciences, human-computer interaction and communication. The technology curriculum is grounded in social science and the humanities, introducing students to theories of how technology shapes and changes people and societies.

Students may apply early to the following master's degree programs and double count 9 credit hours of graduate courses toward both degree programs. See the Combined Bachelor's/Master's Degree Program Policy in the University Catalog for more information.

- Master of Arts degree in Communication Studies
- Master of Arts degree in Media and Journalism
- Master of Arts degree in Visual Communication Design
- Master of Library Information Science degree in Library and Information Science
- Master of Science degree in Emerging Media and Technology
- Master of Science degree in Health Informatics
- Master of Science degree in Knowledge Management
- Master of Science degree in User Experience