## 2018 - 2019 Major Map
Digital Culture (Media Processing), BA

School/College: Herberger Institute for Design and the Arts

HIDGCMBA

ASU is no longer accepting new students to this program. Students interested in a media processing concentration should apply to the BS in digital culture (media processing).

### Term 1 - 16 Credit Hours

<table>
<thead>
<tr>
<th>Critical course signified by 🟠</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AME 101: ASU Digital Culture Experience</td>
<td>1</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>AME 111: Introduction to Digital Culture (CS)</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td><strong>Complete 2 courses:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 210: Media Editing OR AME 230: Programming for the Media Arts (CS)</td>
<td>6</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>MAT 210: Brief Calculus (MA)</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
</tbody>
</table>

- Maintain 3.00 GPA in Digital Culture coursework.
- Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

### Term 2 - 16 - 31 Credit Hours

<table>
<thead>
<tr>
<th>Critical course signified by 🟠</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 210: Media Editing OR AME 230: Programming for the Media Arts (CS)</td>
<td>6</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>CPI 111: Game Development I (CS) OR CSE 110: Principles of Programming with Java (CS) OR EEE 120: Digital Design Fundamentals</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Complete ENG 101 OR ENG 105 OR ENG 107 course(s).
- Maintain 3.00 GPA in Digital Culture coursework.
- Minimum 2.50 GPA ASU Cumulative.
- Milestone: GPA First-Year Review

Term hours subtotal: 15

- All Digital Culture majors must have a 3.0 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.0, the student will be placed on a probationary status for 1 term. If the student is not successful in raising their digital culture GPA to a 3.0 after the probationary term, the student will not be able to continue in the Digital Culture program.
- Students should choose to take either the Computer Science (CSE/CPI) or Electrical Engineering (EEE) courses within the Media Processing concentration
- Join a student club or professional organization.
# Digital Media - Media Arts & Design OR Digital Culture Studies
- Hours: 3
- Grade: C

# Term 3 31 - 47 Credit Hours
- Critical course signified by 🟢

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Media - Media Arts &amp; Design OR Digital Culture Studies</td>
<td>3</td>
<td>C</td>
<td>• Build your skills.</td>
</tr>
<tr>
<td>Media Processing Concentration</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Humanities, Arts and Design (HU) AND Global Awareness (G)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural Science - Quantitative (SQ) (PHY 101 recommended)</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social-Behavior Sciences (SB)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Complete MAT 210 course(s).
- Maintain 3.00 GPA in Digital Culture coursework.
- Minimum 2.50 GPA ASU Cumulative.
- Complete First-Year Composition requirement.
- Complete Mathematics (MA) requirement.

Term hours subtotal: 16

# Term 4 47 - 62 Credit Hours
- Critical course signified by 🟢

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Media - Media Arts &amp; Design OR Digital Culture Studies</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Complete 2 courses:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Media Processing Concentration</td>
<td>6</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Humanities, Arts and Design (HU) AND Historical Awareness (H)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower Division Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Maintain 3.00 GPA in Digital Culture coursework.
- Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

# Term 5 62 - 78 Credit Hours
- Necessary course signified by ⭐

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Division Digital Culture Studies</td>
<td>3</td>
<td>C</td>
<td>• Build a digital portfolio.</td>
</tr>
<tr>
<td>Upper Division Digital Media - Media Arts &amp; Design OR Upper Division Digital Culture Studies</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Complete 2 courses:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Division Media Processing Concentration</td>
<td>6</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Natural Science - Quantitative (SQ) OR Natural Science - General (SG)</td>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Maintain 3.00 GPA in Digital Culture coursework.
- Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

# Term 6 78 - 93 Credit Hours
- Necessary course signified by ⭐

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Division Digital Culture Studies</td>
<td>3</td>
<td>C</td>
<td>• Explore an internship.</td>
</tr>
<tr>
<td>Upper Division Digital Media - Media Arts &amp; Design OR Upper Division Digital Culture Studies</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Complete 2 courses:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Division Media Processing Concentration</td>
<td>6</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Upper Division Literacy and Critical Inquiry (L)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Maintain 3.00 GPA in Digital Culture coursework.
- Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

# Term 7 93 - 108 Credit Hours
- Necessary course signified by ⭐

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Division Digital Culture Studies</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Upper Division Digital Media - Media Arts &amp; Design OR Upper Division Digital Culture Studies</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Complete 2 courses:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Division Media Processing Concentration</td>
<td>6</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Maintain 3.00 GPA in Digital Culture coursework.
- Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

---

Page 2
AME 485: Digital Culture Capstone I
3
C

Upper Division Digital Culture Studies OR Digital Media - Media Engineering Course
3
C

Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies
3
C

Upper Division Media Processing Concentration
3
C

Elective OR AME 484: Internship
3

Maintain 3.00 GPA in Digital Culture coursework.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 8 108 - 120 Credit Hours Necessary course signified by ★

AME 486: Digital Culture Capstone II
3
C

Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies
3
C

Upper Division Media Processing Concentration
3
C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)
3

Maintain 3.00 GPA in Digital Culture coursework.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 12

Note: Gather professional references.

Hide Course List(s)/Track Group(s)

Digital Culture Studies Course List

AME 220: Programming for the Web
AME 244: Introduction to Interactive Environments
AME 320: Motion Capture for Integrative Systems
AME 330: Digital-Physical Systems
AME 340: Compositional and Computational Principles for Media Arts
AME 394: Special Topics
AME 411: Advanced Interactive Sound
AME 430: Mac Development for Media Arts
AME 435: Mobile Development
AME 444: Media Installations
AME 470: Programming for Social and Interactive Media
AME 494: Animating Virtual Worlds
AME 494: Special Topics
ANP 394: Digital Modeling and Fabrication
ART 116: Introduction to Digital Media
ART 218: 3D Tools

Digital Media - Media Arts & Design Course List

ART 206: Digital Photography I: The Still Image in Digital Culture
ART 217: Introduction to Computer Animation
ART 218: 3D Tools
ART 494: Visual Prototyping
FMP 240: Introduction to Animation for Film
FMP 394: Non-Linear Editing for Film and Media
IAP 103: Foundations I: Interdisciplinary Digital Media
IAP 104: Foundations I: Fundamentals of Sound Art

Media Processing Concentration Course List

CPI 111: Game Development I (CS)
CPI 211: Game Development II
CPI 310: Web-Based Information Management Systems
CPI 311: Game Engine Development
CPI 360: Decision Making and Problem Solving
CPI 411: Graphics for Games
CSE 110: Principles of Programming with Java (CS)
CSE 205: Object-Oriented Programming and Data Structures (CS)
CSE 220: Programming for Computer Engineering
CSE 230: Computer Organization and Assembly Language Programming
CSE 240: Introduction to Programming Languages
CSE 310: Data Structures and Algorithms
CSE 360: Introduction to Software Engineering
General Studies designations listed next to courses on the major map were valid for the 2018 - 2019 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

Designations listed next to courses on the major map were valid for the 2018 - 2019 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to:

Digital Studies Core Requirements:
- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)
designation the course carries at the time the class is taken.