# Data Visualization Track - 18 credits

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<th>COURSE</th>
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<th>COURSE DESCRIPTION/PRE-REQUISITES</th>
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| DTC 101   | 3       | [ARTS] Introduction to Digital Technology & Culture  
Inquiry into digital media, including origins, theories, forms, applications, and impact with a focus on authoring and critiquing multimodal texts. Typically offered Fall and Spring. | Fall/Spring                          |
| DTC 201   | 3       | [ARTS] Tools and Methods for Digital Technology  
An introduction to the tools and methods of production for multimedia authoring in digital contexts. | Fall/Spring (Summer-PU, GLBL)         |
| DTC 335   | 3       | 3D Digital Animation  
3–D digital animation for creative and professional productions, art skills, story-telling and team problem-solving techniques. | Fall/Spring/Summer                    |
| DTC 336   | 3       | Multimedia Design  
Course Prerequisite: DTC 201. Design practices and process for composing for a multimedia environment including color, pattern, and shape. | Fall/Spring                           |
| DTC 354   | 3       | Digital Storytelling  
Nonlinear, multi-linear, and interactive narrative using elements of creative writing such as character, dialog, setting, plot and image. (Crosslisted course offered as DTC 354, ENGLISH 354). Typically offered Fall and Spring. | Fall/Spring                           |
| DTC 355 (M)| 3      | [M] Multimedia Authoring  
Development for new computer-based media; multimedia authoring projects; examination of information technology. | Fall/Spring                           |
| DTC 435   | 3       | Advanced Animation  
Course Prerequisite: DTC 335. Advanced investigation of tools and methods for 2D and 3D digital animation. | Spring                                |
| DTC 477   | 3       | Advanced Multimedia Authoring  
Course Prerequisite: DTC 355. Advanced writing, imaging and teamwork skills for authoring in new computer-based media; website project in client-oriented context. | Spring                                |
| DTC 478   | 3       | Usability and Interface Design  
Course Prerequisite: DTC 355. Design of websites using best practices of visual literacy, interface architecture, and usability. | Fall                                  |

DTC Elective Course Requirement – Choose Four (4) Approved Courses from Below: