

# WEB AND APP DEVELOPMENT FLOWCHART

## Freshman Year

## Portfolio Review

## Web & App Development Upper Division

| Freshman Fall                                   | Freshman Spring                                        | Sophomore Fall                                       | Sophomore Spring                                  | Junior Fall                          | Junior Spring                                    | Senior Fall                                | Senior Spring                                  |
|-------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|---------------------------------------------------|--------------------------------------|--------------------------------------------------|--------------------------------------------|------------------------------------------------|
| F, Sp, Su                                       | F, Sp, Su                                              | F, Sp                                                | F, Sp                                             | Fall                                 | Spring                                           | F, Sp, Su                                  | F, Sp, Su                                      |
| DWDD 1400<br>or DGM 1110                        | DWDD 1410<br>Interaction<br>Design<br>Essentials       | DWDD 2410<br>Interaction<br>Design                   | DWDD 2720<br>Web<br>Languages I                   | DWDD 3720<br>Web<br>Languages II     | DWDD 3620<br>Web Tools &<br>Frameworks<br>II     | DWDD 4900R<br>Senior<br>Capstone           | DWDD 4900R<br>Senior<br>Capstone               |
| F, Sp, Su                                       | F, Sp                                                  | F, Sp                                                | F, Sp, Su                                         | Fall                                 | Spring                                           | F, Sp, Su                                  | Spring                                         |
| DWDD 1600<br>Web<br>Essentials                  | DWDD 1420<br>Comm.<br>Digital<br>Design                | DWDD 2610<br>Principles of<br>Web<br>Languages       | DWDD 2590<br>Portfolio<br>Workshop                | DWDD 3770<br>RIA<br>Development<br>I | DWDD 3780<br>RIA<br>Development<br>II            | DWDD<br>Elective<br>3 Credits              | DWDD 4630<br>Web Content<br>Management         |
| F, Sp                                           | F, Sp                                                  | F, Sp                                                | F, Sp                                             | F, Sp, Su                            | F, Sp                                            | F, Sp, Su                                  | F, Sp, Su                                      |
| MAT 1030<br>Quantitative<br>Reasoning           | CS 1400<br>Fundamentals<br>of<br>Programming           | DWDD 2620<br>Web Tools &<br>Frameworks I             | DWDD 2410R<br>Interaction<br>Design<br>Practicum  | DGM 3220<br>Project<br>Management    | DGM 3110<br>Corporate<br>Issues                  | DWDD<br>Elective<br>3 Credits              | MKTG 3690<br>Digital<br>Marketing<br>Analytics |
| F, Sp, Su                                       | F, Sp, Su                                              | F, Sp, Su                                            | F, Sp, Su                                         | F, Sp, Su                            | F, Sp, Su                                        | F, Sp, Su                                  | F, Sp, Su                                      |
| ENGL 1010<br>Intro to<br>Academic<br>Writing    | DWDD 1720<br>Scripting for<br>Internet<br>Technologies | Social/<br>Behavioral<br>(See Wolverine<br>Track)    | Personal,<br>Professional,<br>and Civic<br>Growth | DGM 3120G<br>Intercultural<br>Comm.  | Biology<br>Gen Ed<br>(See Wolverine<br>Track)    | Upper<br>Division<br>Elective<br>3 Credits | Upper<br>Division<br>Elective<br>3 Credits     |
| F, Sp, Su                                       | F, Sp, Su                                              | F, Sp, Su                                            | F, Sp, Su                                         | F, Sp, Su                            | F, Sp, Su                                        | F, Sp, Su                                  | F, Sp, Su                                      |
| Physical<br>Science<br>(See Wolverine<br>Track) | ENGL 2010<br>Intermediate<br>Writing                   | American<br>Institutions<br>(See Wolverine<br>Track) | DWDD<br>Elective<br>3 Credits                     | DWDD<br>Elective<br>3 Credits        | Humanities<br>Gen Ed<br>(See Wolverine<br>Track) | Fine Arts<br>(See Wolverine<br>Track)      | DWDD<br>Elective<br>3 Credits                  |
|                                                 |                                                        |                                                      |                                                   |                                      |                                                  | F, Sp, Su                                  |                                                |
|                                                 |                                                        |                                                      |                                                   |                                      |                                                  | DGM 4810R<br>Internship<br>1 Credit        |                                                |