NOTICE: This "Eastern in 4" worksheet is a planning document only. Students should consult with their faculty advisor and use the Degree Evaluation to obtain an accurate assessment of their progress

| Name: ${ }^{\text {Nate: }}$ |  |  |  |  |  | Revised: 10/1/2021 |
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| Eastern in 4 Notes |  |  |  |  |  |  |
| A degree has GPA, Residency, Major, LAC, Foreign Language, University Writing, and Upper-level requirements. Minimum 120 credits required to graduate. If you have unfilled space, fill with "Elective." <br> Either Tier I or Tier II must be completed with a Lab course. |  |  |  |  |  |  |
| Major Specific Notes |  |  |  |  |  |  |
| Students must earn a C or better in all 300/400 level major courses or a 2.3 GPA in all 300/400 level major courses is required. <br> Electives must come from approved course pairs (see course catalog). <br> Double majors in MAT/EDU do not take MAT139P/MAT140. |  |  |  |  |  |  |
| LAC Requirements |  |  |  |  |  |  |
| Shaded blue box indicates course may count for major requirement and the LAC. Check Degree Evaluation. |  |  |  |  |  |  |
| In plan | Course | Title | Requirement | Credit | Rec. Year | Prerequisite |
| LAC Tier I |  |  |  |  |  |  |
|  | FYI 100 | First-Year Introduction | FYI | 3 | 1st | Must take in first 15 credits |
|  | ENG 100/P | College Writing | T1W | 3 or 5 | 1st | Must take in first 30 credits |
|  | MAT 243 | Calculus I | T1M | 4 | 1st | Must take in first 30 creats |
|  |  | Health and Wellness | T1HW | 2 or 3 | 1st | Take in first 60 credits |
|  |  | Arts in Context | T1A | 3 | 1st |  |
|  |  | Literature and Thought | T1LT | 3 | 2nd |  |
|  |  | Historical Perspectives | T1H | 3 | 1st |  |
|  |  | Natural Sciences | T1NS | 3 or 4 | 1st |  |
|  |  | Social Sciences | T1SS | 3 | 1st |  |
| LAC Tier II |  |  |  |  |  |  |
|  |  | Creative Expression | T2CE | 3 | 2nd | T1A or T1LT |
|  |  | Cultural Perspectives | T2CP | 3 | 2nd | T1A or T1H or T1LT or T1SS |
|  |  | Natural Sciences | T2NS | 3 or 4 | 2nd | T1NS |
|  | MAT 315 | Applied Probability and Statistics | T2IT | 4 | 3rd | MAT 244 or [MAT 243/195 and CSC 202] |
|  |  | Individuals and Societies | T2IS | 3 | 2nd | T1SS |
| LAC Tier III |  |  |  |  |  |  |
|  | MAT 421 | Real Analysis II | T3 | 3 | 4th | MAT 420, two T2 LACs |
| Major Requirements |  |  |  |  |  |  |
| In plan | Course | Title | Requirement | Credit | Rec. Year | Prerequisite |
| Mathematics Prerequisite |  |  |  |  |  |  |
|  | MAT 155/P | Precalculus | Elective | 4 or 5 | 1st | Based on Placement |
| Mathematics Major Requirements |  |  |  |  |  |  |
|  | MAT 230 | Discrete Structures | Major | 3 | 1st | MAT 155 or MAT 155P or MAT 195 |
|  | MAT 243 | Calculus I with Technology | Major/T1M | 4 | 1st | MAT 155 or MAT 155P or Placement |
|  | MAT 244 | Calculus II with Technology | Major | 4 | 2nd | MAT 243 |
|  | MAT 310 | Applied Linear Algebra | Major | 3 | 3rd | MAT 230, MAT 243, MAT 244 |
|  | MAT 315 | Applied Probability and Statistics | Major/T2IT | 4 | 3rd | MAT 244 or [MAT 243/195 and CSC 202] |
|  | MAT 320 or <br> MAT 380 | Number Theory Geometry | Major | 3 | 2nd | $\begin{aligned} & \text { MAT } 230 \\ & \text { MAT } 230 \end{aligned}$ |
|  | MAT 340 | Calculus III with Technology | Major | 4 | 2nd | MAT 244 |
|  | MAT 342 | Explorations in Data Science | Major | 3 | 4th | MAT 216 or MAT 315 |
|  | MAT 355 | Probability | Major | 3 | 3rd | MAT 315 |
|  | MAT 356 | Financial Mathematics | Major | 3 | 3rd | MAT 244 |
|  | MAT 420 | Real Analysis I | Major | 4 | 4th | MAT 230, 244, 315, and (MAT 320 or MAT 380) |
|  | MAT 421 | Real Analysis II | Major/T3 | 3 | 4th | MAT 420, two T2 LACs |
|  | Elective | 1st of pair for concentration | Major | 3 | 2nd | See course catalog/advisor |
|  | Elective | 2nd of pair for concentration | Major | 3 | 3rd | See course catalog/advisor |
|  | $\begin{aligned} & \operatorname{CSC} 202 \text { or } \\ & \operatorname{CSC} 210 \\ & \hline \end{aligned}$ | Intro to Programming/Machine Intel Computer Science and Programming I | Major | 3 | 2nd | $\begin{aligned} & \hline \mathrm{T} 1 \mathrm{M} \\ & \mathrm{~T} 1 \mathrm{M} \end{aligned}$ |
|  | $\begin{aligned} & \text { CSC } 305 \text { or } \\ & \text { MAT } 343 \end{aligned}$ | Data Mining and Applications Explorations in Data Analytics | Major | 3 | $\begin{aligned} & \text { 4th } \\ & \text { 4th } \end{aligned}$ | $\begin{aligned} & \hline \text { CSC } 210 \\ & \text { MAT } 342 \\ & \hline \end{aligned}$ |
| Transfer Courses (ECE, AP), Wintersession Courses, Summer Courses |  |  |  |  |  |  |
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