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| Name | ID# | Date |
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Planning Sheet: COMPUTATIONAL ECONOMICS
(Effective Fall 2008. The Computational Economics major consists of 13 courses)

Computer Science Requirements:

| <u>Term</u> | <u>Grade</u> | <u>Course #</u> | <u>AugCore</u> | <u>Title</u> |
|-------------|--------------|-----------------|----------------|--|
| ___ | ___ | MAT 145 | NSM | Calculus I (Prereq: MPG4) |
| ___ | ___ | CSC 160 | | Introduction to Computer Science & Communication (Prereq: MPG 3) |
| ___ | ___ | CSC 170 | | Introduction to Programming (Prereq: Pass CT assessment or GST 100, MPG 3, & CSC 160; MAT 171 recommended) |
| ___ | ___ | CSC 210 | | Data Structures (Prereq: Pass CT assessment or GST 100, MPG 4, CSC 170, and either MAT 145 or 171) |
| ___ | ___ | CSC 345 | | Principles of Computer Organization (Prereq: CSC 210 and MPG 4) |

Select & complete one (1) of the following two (2) CSC courses:

| | | | | |
|-----|-----|---------|--|---|
| ___ | ___ | CSC 240 | | Introduction to Networking & Communications (Prereq: CSC 160 & MPG 3) |
| | | CSC 320 | | Algorithms (Prereq: Pass CT assessment or GST 100, MPG 4, CSC 210 & MAT 145 or 171) |
| | | CSC 352 | | Database Management and Design (Prereq: CSC 210) |

Economics Requirements:

| | | | | |
|-----|-----|---------|-----|---|
| ___ | ___ | ECO 112 | SBS | Principles of Macroeconomics (Prereq: MPG 3) |
| ___ | ___ | ECO 113 | SBS | Principles of Microeconomics (Prereq: MPG 3) |
| ___ | ___ | ECO 312 | | Intermediate Macroeconomics (Prereq: ENL 111, 112 or HON 111 and ECO 112) |
| ___ | ___ | ECO 313 | | Intermediate Microeconomics (Prereq: Pass CT assessment or GST 100 and ECO 113) |
| ___ | ___ | ECO 318 | | Management Science (Prereq: MPG 3 and ECO 113) |

Select & complete one (1) of the following two (2) ECO courses:

| | | | | |
|-----|-----|---------|--|--|
| ___ | ___ | ECO 315 | | Money and Banking (Prereq: ECO 112) |
| | | ECO 415 | | Managerial Economics (Prereq: BUS 379 and ECO 313) |

Complete one (1) independent study project:

| | | | | |
|-----|-----|---------|--------------------------|-------------------|
| ___ | ___ | CSC 499 | <input type="checkbox"/> | Independent Study |
| | | ECO 499 | <input type="checkbox"/> | Independent Study |

Notes:

- **Keystone:** Please consult with your faculty advisor to complete a Keystone Course requirement.
- **GPA: Students must earn grades of 2.0 or above in each course applicable to the Computer Science major.** Students must also earn a minimum overall grade point average of 2.0 to qualify for graduation.
- **Abbreviation Key:** ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities

See back for information on graduation skills requirements

Planning Sheet: GRADUATION SKILLS REQUIREMENTS

These requirements were implemented for Fall 2008. Please talk with your faculty advisor for information.

Graduation skills, including the Quantitative Reasoning requirements, are completed as follows. Graduation skills in Critical Thinking, Writing, Speaking, and Quantitative Reasoning are required for graduation. Critical Thinking is embedded in all majors. Plans for completion of other graduation skills are determined by the major department. Consult your department chair or faculty advisor to select appropriate courses to meet the Quantitative Reasoning (QR) graduation skill. QR is satisfied by completing one (1) Quantitative Foundational course (QF) and one (1) Quantitative Application course (QA), or one (1) combined QFA course. The most current information on Graduation Skills can be found online at www.augsburg.edu/catalog/ and clicking on "Graduation Skills Catalog Supplement 2008 – 2010" near the bottom of the page.

Transfer students must consult an advisor about potential adjustments to their course requirements to fulfill each graduation skill.

| Designated Major Course | GRADUATION SKILLS – Computational Economics | | Completed |
|-------------------------|---|------------|-----------|
| Embedded in major | Writing Requirements TWO (2) Writing courses | | |
| Embedded in major | | | |
| Embedded in major | Speaking One (1) Speaking course | | |
| Designated Major Course | QUANTITATIVE REASONING | | Completed |
| Embedded in major | Quantitative Foundations & Applications One (1) QFA course (Prereq: MPG3) | QFA course | |
| – OR – | | | |
| Embedded in major | Quantitative Foundations and Quantitative Applications One (1) QF course (Prereq: MPG 3) and one (1) QA course | | QF course |
| Embedded in major | | | QA course |

Graduation Tally Checklist

These requirements were implemented in April 2003 and remain in effect until further notice.

| Requirement | Progress Towards Completion | |
|--|-----------------------------|--|
| Cumulative Course Credits <ul style="list-style-type: none"> ▪ Minimum number of course credits needed for graduation = 32 ▪ At least 8 credits completed at Augsburg. ▪ 6 of last 8 credits completed in residence. ▪ Second degree – minimum of 8 credits completed in residence. | Transfer Credits Earned | |
| | + Aug. Credits Earned | |
| | = Total Credits Earned | |
| | # Credits Needed | |

| | | |
|--|----------------|--|
| Grade Point Average (GPA) <ul style="list-style-type: none"> ▪ Minimum 2.0 GPA required in major, minor, & overall. ▪ Some majors require higher GPA. ▪ Latin Honors GPA requirements: <ul style="list-style-type: none"> ○ Summa cum laude: 3.9-4.0 ○ Magna cum laude: 3.80-3.89 ○ Cum laude: 3.60-3.79 | Cumulative GPA | |
| | Major 1 GPA | |
| | Major 2 GPA | |
| | Minor GPA | |

| Other Limits | Minimum/Maximum | Your Total |
|---|-----------------|------------|
| Overall maximum courses graded Pass/No Pass (P/N) <ul style="list-style-type: none"> ▪ Grade of 2.0 or above required to Pass and earn credit for course. ▪ Maximum of 2 of 6 credits P/N may be in major. | Maximum of 6 | |
| Major Courses graded Pass/No Pass (P/N) | Maximum of 2 | |
| Latin Honors courses graded Pass/No Pass (P/N) | Maximum of 2 | |
| Latin Honors traditionally graded courses | Minimum of 14 | |
| Internships | Maximum of 4 | |
| Independent/Directed Studies | Maximum of 2 | |