

Name _____

Major: Computer Science

Degree BS

ASU ID _____

Anticipated Grad. Date _____

AGEC-A, AGECE-B, AGECE-S;

Completed: Yes No

| I. English Proficiency (6 hrs) <i>(University requirement – "C" min required)</i> | Hrs Cr | | Trans From | Gr |
|--|--------|----|------------|----|
| | ASU | Tr | | |
| +ENG 101 / 107 First-Year Comp (3) and | | | | |
| +ENG 102 / 108 First-Year Comp (3) | | | | |
| Or , if eligible (see Catalog for eligibility), | | | | |
| +ENG 105 Adv First-Year Comp (3) and | | | | |
| an HU/SB Course(3) | | | | |
| Sub Total (I) | | | | |

II. General Requirements (18 hrs) *(See Catalog for approved courses)*

A. Humanities & Social Sciences (18 hrs min)
(Required: 1 course upper division; plus a minimum of two courses that satisfy three awareness areas: cultural (C), global (G), and historical (H). Double counting is permissible between HU or SB and the awareness areas and also within the awareness areas.)
 Humanities, Fine Arts, and Design (6 hrs min)(HU)

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Social/Behavioral Sciences (6 hrs min)(SB)

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Awareness Areas
 Cultural
 Global
 Historical

B. Literacy/Critical Inquiry (6 hrs)
 #+ L: CSE 485 CS Capstone I Satisfied by Courses in
 #+ L: CSE 486 CS Capstone II Major

C. Natural Sciences/Basic Sciences (8 hrs)
 SQ: BIO 187 or 188 Gen Bio I or II Satisfied by Courses in
 SQ Approved Lab Science Sequence Major

D. Mathematical Studies (6 hrs)
 #+CS: CSE 205 Concept of CS/Data Strc Satisfied by Courses in
 MA: MAT 294 ST: Calc for Engrs I Major

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| Sub Total (II) | | | | |
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III. Required Lower Division Courses (42 hrs)

A. Natural Sciences/Basic Sciences (12 hrs)
 SQ: BIO 187 or 188 Gen Bio I or II 4
 Approved Lab Science Sequence (8 hrs) See Dept

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| B. Mathematical Studies (12 hrs) | | | | |
| MAT 243 Discrete Math | 3 | | | |
| MA: MAT 294 ST: Calc for Engrs I | 3 | | | |
| MA: MAT 294 ST: Calc for Engrs II | 3 | | | |
| MA: MAT 294 ST: Calc for Engrs III | 3 | | | |

Submitted by _____ Date _____
Student Signature

Approved _____ Date _____
Advisor

| # C. Lower Division Computer Sci (18 hrs) | Hrs Cr | | Trans From | Gr |
|---|--------|----|------------|----|
| | ASU | Tr | | |
| +CS: CSE 100 or 110 Prin of Prog | 3 | | | |
| + CSE 120 Dig Design Fund | 3 | | | |
| + CS: CSE 205 Concept of CS/Data Strc | 3 | | | |
| + CSE 230 Comp Org/Assem Lang | 3 | | | |
| + CSE 240 Intro to Prog Lang | 3 | | | |
| CS: IEE 280 Prob/Stats | 3 | | | |
| Sub Total (III) | | | | |

IV. Required Upper Division Courses (40 hrs)

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|---|---|--|--|--|
| + CSE 301 Ethics for Computing | 1 | | | |
| + CSE 310 Data Structs and Alg | 3 | | | |
| + CSE 340 Princ of Prog Lang | 3 | | | |
| + CSE 355 Intro to Theor. CS | 3 | | | |
| + CSE 360 Intro to Software Engineering | 3 | | | |
| + CSE 430 Operating Systems | 3 | | | |
| + L: CSE 485 CS Capstone I | 3 | | | |
| + L: CSE 486 CS Capstone II | 3 | | | |
| MAT 343 Applied Linear Algebra | 3 | | | |
| + CSE 400-Level Electives (15 hrs) | | | | |
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| Sub Total (IV) | | | | |

V. Electives (14 hrs)

Technical Electives (6 hrs) See Department

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General Electives (8 hrs)

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| Sub Total (V) | | | | |
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Total Upper Division _____ (minimum 45 required)

+ A minimum grade of "C" (2.0) required

Designates course in the Major for which a minimum cumulative GPA of 2.00 is required

Designates a skill-set course

Graduation Requirements

Regular Curriculum – 120 Hours

| Semester Hour Summary | Hrs/ASU | Tr Hrs | Total |
|------------------------------|---------|--------|-------|
| I. English Proficiency | | | |
| II. General Studies | | | |
| III. Required Lower Division | | | |
| IV. Required Upper Division | | | |
| V. Electives | | | |
| Total Program Hours | | | |

Approved _____ Date _____
Department Chair