MATHEMATICS (General Program)

STUDENT ADVISING FORM

STUDENT: _____DATE MATRICULATED: _____

ADVISOR:_____TRANSFER CREDITS: _____Associate Degree YES   NO

MAJOR COURSE REQUIREMENTS (36/37 Credits) Cr.   Grade   Sem.   Notes
MAT 201 Calculus I _____3......._____............_____
MAT 202 Calculus II _____3......._____............_____
MAT 301 Calculus III_____3......._____............_____
MAT 302 Calculus IV_____3......._____............_____
MAT 305 Fund. Struct. of Math _____3......._____............_____
MAT 321 History of Mathematics _____3......._____............_____
MAT 331 Linear Algebra_____3......._____............_____
MAT 334 Abstract Algebra _____3......._____............_____
MAT 401 Real Analysis I _____3......._____............_____

Advanced Math Electives (Two 300-400 level Mathematics Courses)
MAT ___ _____ ____ _____   3......._____............_____
MAT ___ _____ ____ _____   3......._____............_____
MAT ___ _____ ____ _____   3/4....._____............_____

MAJOR RELATED COURSES (7-8 credits)   Two of the following:
CSC 101 Computer Science I_____ _____   3......._____............_____
PHY 261 Physics I _____   4........_____............_____

GEN ED Component One: (0-24 credit hours) _____ **(Completed_____)** _____
 I. Written Communication (0-6 credits): Exempted _____ OR   ENG 101: _____, ENG 102: _____,

II. Oral Communication (0-3 credits): Exempted _____ OR   COM: _____ (COM 101, COM 103, THE 136)

III. Foreign Languages (0-6 credits): Exempted ____ OR   Foreign Language I_____ , Foreign Language II ____

IV. Quantitative Reasoning (0-6 credits) Exempted from math _____ OR two courses, at least one with MAT prefix:
     Quantitative Course I, _____,   Quantitative Course II, _____,

V. Computer Use (1-3 credits) Exempted _____ OR CSC_____(CSC 117, CSC 118, Course designated by math dept).

GEN ED Component Two: (25 credit hours) _____ **(Completed_____)_____**
VI. Humanities (9 credits) One course from each of the following categories
    Literature: _____, Fine Arts: _____, Philosophy/Semiotic System:_____

VII.   Natural Sciences (7- 8 credits) One course from two of the following categories
    BIO: _____, CHE:_____, Envi Sci._____GOE: _____ Hist/Phil of Sci/Tec: _____, PHY: _____

VIII.   Social Sciences (9 credits) One course from each of following categories (One course be a D course)
        History & Heritage: _____, Social Institutions and Processes: _____, Individual, Cul/Soc: _____

GEN ED Component Three: Integrated Writing (3 OR 6 credits) _____ **(Completed____)_____**
Two WI Courses after a student has completed 27 credit hours.WI Course I,_____, WI CourseII_____
One WI Course for transfer students who transfer with core complete.   WI Course I _____.
Free Elective Courses: (Sufficient number to earn 120 hours)   _____ hours
Liberal Arts courses 90 credits

New General Education Core Courses (31-55 credits)

Component One: (0-24 credit hours)

I. Written Communication (0-6 credits): Exempt_____ OR ENG 101:_____, ENG 102:_____

II. Oral Communication (0-3 credits):_____ Exempt_____OR COM 101: _____, COM 103_____THE 136:_____

III. Foreign Languages (0-6 credits): Exempt_____ OR Foreign Language I_____, Foreign Language II_____

IV. Quantitative Reasoning (0-6 credits)
Exempted_____ OR two of the following courses, at least one of which must have MAT as a prefix:
ECN 241_____, MAT 104_____, MAT 107_____, MAT 112_____,
MAT 131_____, MAT 143_____, MAT 151_____, MAT 201_____, PSY/SOC 211_____

V. Computer Use (1-3 credits)
Exempted_____ OR CSC 117_____, CSC 118_____, Course designated by math Depart._____

Component Two: (25 credit hours)

VI. Humanities (9 credits) One course from each of the following categories
Literature: ENG 135_____, ENG 195_____, ENG 245_____, ENG 246_____, LIT 205_____, LIT 206_____

Fine Arts: FIA 115_____, FIA 245_____, FIA 246_____, MUS 245_____, MUS 246_____, THE 115_____

Philosophy: ENG 103_____, PHI 101_____, PHI 103_____, PHI 104_____, PHI 105_____, PHI 106_____
PHI 107_____, PHI 108_____

VII. Natural Sciences (7-8 credits) One course from two of the following categories
Biology: BIO 101 and 102_____, BIO 111/111L _____, BIO 112/PSY 207_____, BIO 113_____, BIO 211_____

Chemistry: CHE 103_____, CHE 211_____, ENV 201_____

Environmental Sciences: ENV 201_____

Geology: GOL 105_____, GOL 115_____, GOL 225_____, GOL 226_____, HPS 126_____

History and Philosophy of Science and Technology: HPS 126_____

Physics: PHY 116_____, PHY 123_____, PHY 151_____, PHY 261_____

VIII. Social Sciences (9 credit hours) One course from each of the following categories (One must be a D course)
History & Heritage: ANT 251(D)_____, HIS 125_____, HIS 135(D)_____, HIS 145(D)_____, HIS 165(D)_____

Social Institutions and Processes: ECN 141_____, GOV 101_____, IS 101(D)_____

The Individual, Culture, and Society: ANT 101(D) _____, PSY 101_____, SOC 151(D)_____

IX. Component Three: Integrated Writing (3 OR 6 credits)
WI _____ WI Course II_____
Two WI Course after 27 credit hours OR one WI Course for transfer students who transfer with core completed.