

Student-Advisor Work Sheet ~ B.S. Applied Mathematics 06/12/07

Name _____ High School _____ Minor _____
 Address _____ Catalog _____ Date Enrolled _____

FIRST SEMESTER FRESHMAN

Course #	Name	Grd	Date	Hrs
MTH 1295	Calculus 1			5
MTH 1261	G/Cal&Com			1
CSC 1104	Intro Math Computing			3
ENG 1463	English			3
	Science Course ⁴			4
Gen 1031	Henderson Sem			1
	TOTAL			17

SECOND SEMESTER FRESHMAN

Course #	Name	Grd	Date	Hrs
MTH 2046	Calculus II			5
MTH 2283	Discrete Math			3
CSC 1113	Fndtn CSCII			3
HIS 10_3	Civilization ¹			3
ENG 1473	English			3
	TOTAL			17

FIRST SEMESTER SOPHOMORE

Course #	Name	Grd	Date	Hrs
CSC 2203	Data Structure			3
	Chem or Phys ⁵			4
COM 2013	Oral Com			3
	Social Sci ²			3
PHI 2013	Intro Phil ⁶			3
HPR 1011	Life Fitness Concepts			1
	TOTAL			17

SECOND SEMESTER SOPHOMORE

Course #	Name	Grd	Date	Hrs
MTH 4123	Diff. equations			3
MTH 2323	Stat Methods			3
	Chem or Phys ⁵			4
	Social Sci ³			3
CSC 3223	Algo Analysis			3
HPR	Activity			1
	Total			17

Rising JR Exam

FIRST SEMESTER JUNIOR

Course #	Name	Grd	Date	Hrs
MTH 3163	Prob/Stat 1			3
	Chem or Phys ⁵			4
ENG ⁷	Literature			3
MTH 3103	Calculus III			3
	Social Sci ³			3
	TOTAL			16

SECOND SEMESTER JUNIOR

Course #	Name	Grd	Date	Hrs
MTH	Prob/Stat II or Stat Methods			3
	Chem or Phys ⁵			4
	Sci Minor ⁴			3-4
MTH 4113	Linear Algebra			3
HUM ⁷				3
	TOTAL			16-17

Submit Application for Graduation¹³

FIRST SEMESTER SENIOR

Course #	Name	Grd	Date	Hrs
MTH 4903	Capstone Course			3
ENG 3613	Tech Writing			3
	Sci Minor ⁴			3-4
	Nonwestern Culture ¹⁰			3
CSC 4213	Simulation Thry			3
	TOTAL			15-16

SECOND SEMESTER SENIOR

Course #	Name	Grd	Date	Hrs
MTH 4373	Numerical Analysis			3
	Sci Minor ⁴			3-4
	Sci Minor ⁴			3-4
ENG 3313	Review Comp ¹¹			3
	Elective			3
	TOTAL			15-17

Foot Notes

1. HIS 1013, 1023, 1043
2. HIS 2053, 2063 or PSC 1013
3. Social Science Options: [maximum of 9 hours in history and a maximum of 3 hours in each of the other General Education areas can be taken.]
ANT 2013
HIS 1013, 1023
HIS 2053, 2063
PSC 1013
ECO 2013, 2023
GEO 1023, 2163
SOC 1013, 2013
PSY 1013
4. Biology Options:
BIO 1013/1021 – Intro. Biology w/lab
BIO 2104 – General Botany
BIO 2114 – General Zoology
5. Physics/Chemistry Options:
PHY 2034 – General Physics I
PHY 2044 – General Physics II
PHY 2234 – University Physics I
PHY 2244 – University Physics II
CHM 1014 – University Chemistry I
CHM 1024 – University Chemistry II
6. The degree requires a minor in Chemistry, Physics, or Biology. See the catalog for options.
7. Humanities Options:
ART 2033 – Humanities/Art
MUS2033 – Humanities/Music
THA 2033 – Humanities/Drama
8. Philosophy Options:
PHI 2013 – Intro. to Philosophy
PHI 2003
PHI 2083 – Intro. to Philosophy (Honors)
PHI 3043 – Ancient Philosophy
9. Literature Options:
ENG 2683 – Masters of Western Literature
ENG 2013 – World Literature I
ENG 2023 – World Literature II
10. Non-Western Culture Options:
ANT 3043 – North American Indians
ANT 3103 – World Cultures
ART 3103 – Art of Non-Western World
ENG 3043 – Non-Western Literature
GEO 3173 – Geography of the Pacific
HIS 4673 – Asian Civilizations
HIS 4683 – The Modern Middle East
HIS 4693 – African History
MUS 3473 – Survey Non-Western Music
PHI 3023 – Religions of the World
PHY 4293 – Non-Western Cosmology
PSC 4233 – Comparative Politics in the Middle East
PSC 4253 – South Asian Politics
PSY 3043 – Cross-Cultural Psychology
SOC 3063 – World Cultures
11. **Rising Junior Exam:** The student must take this exam after earning **45** hours and before earning **60** hours.
12. Review Composition: ENG 3313
This may be waived based on the English portion of the Rising Junior Exam.
13. Submit application for graduation: The application must be submitted to the Registrar after the student earns **80** hours and prior to enrolling in the **last two semesters**.
14. **Junior/Senior Hours:** The student must complete **42** hours of 3000 or 4000 level courses.