

## School of Engineering and Applied Science

### First Semester Course Selection

#### Computer Science Systems Analysis

ENG 111 College Composition	3
MTH 151 Calculus I	5
EAS 101 Comp., Engr., and Society	1
CSA 174M Fund. of Prog. & Prob. Solv.	3
Miami Plan Fine Arts, US or World Cultures Course	3
Miami Plan Fine Arts, US or World Cultures Course	3
	18 hrs

#### Engineering Management, Paper Science Engineering Management, Environmental

Miami Plan Fine Arts, US or World Cultures Course	3
MTH 151 Calculus I	5
ENG 111 College Composition	3
CHM 141 College Chemistry	3
CHM 144 College Chem Lab	2
EAS 101 Comp., Engr., and Society	1
	17 hrs

#### Manufacturing Engineering Mechanical Engineering

EAS 101 Comp., Engr., and Society	1
ENG 111 College Composition	3
MTH 151 Calculus I	5
PHY 181F The Physical World	4
PHY 183 Physics Laboratory	1
Miami Plan Foundation Course	3
	17 hrs

#### Paper Science & Engineering Chemical Engineering

EAS 101 Comp., Engr., and Society	1
ENG 111 College Composition	3
MTH 151 Calculus I	5
CHM 141 College Chemistry	3
CHM 144 College Chem Lab	2
Miami Plan Foundation Course	3
	17 hrs

#### Engineering Management, Manufacturing

EAS 101 Comp., Engr., and Society	1
ENG 111 College Composition	3
MTH 151 Calculus I	5
PHY 181F The Physical World	4
PHY 183 Physics Laboratory	1
Miami Plan Fine Arts US or World Cultures Course	3
	17 hrs

#### Engineering (General)

Foreign Language	
or Miami Plan Fine Arts, US or World Cultures course	3-4
MTH 151 Calculus I	5
ENG 111 College Composition	3
PHY 181F The Physical World	4
PHY 183 Physics Laboratory*	1
EAS 101 Comp., Engr., and Society	1
	17-18 hrs

#### Computer Engineering Electrical Engineering

MTH 151 Calculus I	5
ENG 111 College Composition	3
PHY 181F The Physical World	4
PHY 183 Physics Laboratory	1
EAS 101 Comp., Engr., and Society	1
CSA 174M Fund. of Prog. & Prob. Solv.	3
	17 hrs

#### Undecided

Miami Plan Fine Arts, US or World Cultures Course	3
MTH 151 Calculus I	5
ENG 111 College Composition	3
PHY 181F The Physical World	4
PHY 183 Physics Laboratory	1
or CHM 141 College Chemistry	(3)
CHM 144 College Chem Lab	(2)
EAS 101 Comp., Engr., and Society	1
	17 hrs

\*You are required to take two hours of lab; choose from PHY 183 and 184 or CHM 144 or CHM 145

#### Department Codes

CHM - Chemistry  
 CSA - Computer Science and Systems Analysis  
 EAS - Engineering and Applied Science

ENG - English  
 MTH - Mathematics  
 PHY - Physics

Checklist for student worksheet:

- Desired major matches above schedule
- EAS 101 on worksheet
- Math Placement checked
- Miami Plan Category checked