Academic Advising Plan\ Comprehensive Track
First Academic Year
First Semester

Course title	Credit hours	Prerequisite
Advanced computer architecture	3	-----
Advanced Operating Systems	3	-----
Elective course	3	-----
Total	9	-----

Second Semester

Course title	Credit hours	Prerequisite
Advanced Algorithm Design and Analysis	3	-----
Seminar in Computer Science Topics	3	-----
Elective course	3	-----
Total	9	-----

Second Academic Year
First Semester

Course title	Credit hours	Prerequisite
Advanced Data Base	3	-----
Advanced Networking Communications	3	-----
Elective course	3	-----
Total	9	-----

Second Semester

Course title	Credit hours	Prerequisite
Advanced Internet Technologies	3	-----
Research Project	3	-----
Comprehensive Exam	0	-----
Total	6	-----

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Academic Advising Plan\ **Thesis Track**

First Academic Year

First Semester

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Course title	Credit hours	Prerequisite
Advanced Operating Systems	3	-----
Advanced Algorithm Analysis and Design	3	-----
Elective course	3	-----
Total	9	-----

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Second Semester

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Course title	Credit hours	Prerequisite
Scientific Research Methods	3	-----
Advanced Data Base	3	-----
Elective course	3	-----
Total	9	-----

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Second Academic Year

First Semester

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Course title	Credit hours	Prerequisite
Advanced Networking Communications	3	-----
Elective course	3	-----
Total	6	-----

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Second Semester

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Course title	Credit hours	Prerequisite
Thesis	9	-----