

Dual Degree MS-ECE with Thesis/MBA Curricular Structure

FIRST YEAR				Spring Semester: 01/10/07 – 05/02/07 Eller Core Courses: 5-7:30 W; 2:30-6:40 pm; 9-11 F.			
Fall Semester: 08/21/06 – 12/06/06 Eller Core Courses: 3 – 6:40 pm, MTWR		Fall B Term: 10/16/06 – 12/06/06		Spring A Term: 01/08/07 – 02/26/07		Spring B Term: 03/05/07 – 05/03/07	
<i>Eller College</i>	Units		Units	<i>Eller College</i>	Units		Units
*ECON 550: Managerial Economics	2	*MKTG 510: Marketing Management	2	ACCT 545: Managerial Accounting	2	MAP 556: Teams and Leadership	2
*ACCT 540: Financial Accounting	2	**FIN 510: Survey of Finance	2	MIS 560: Operations Management	2	ECON 571: Competitive Strategy	2
MAP 509A+B, Business Communication/Professional Development (alternatively, may be taken in Fall of second year)			(3)				
<i>MS ECE (Thesis)</i>				<i>MS ECE (Thesis)</i>			
ECE elective			3	ECE elective			3
ECE elective			3	ECE elective			3
<b>Total units for Fall:</b>			<b>14-17</b>	<b>Total units for Spring:</b>			<b>14</b>
*** Summer Project Experience/ (with report) under the joint academic leadership of the McGuire Entrepreneurship Program and the 2 <sup>nd</sup> degree program: Feasibility Study (3 units) – discipline-specific, may be tied to thesis or non-thesis project; ENTR 593 (3 units): internship/entrepreneurial profile development. 6 Units thesis/project work under leadership of 2 <sup>nd</sup> degree program, as applicable.							12
SECOND YEAR				Spring Semester: 01/16/08 – 05/07/08 MBA class times vary by course			
Fall Semester: 8/20/07 – 12/05/07 MBA class times vary by course				Spring Semester: 01/16/08 – 05/07/08 MBA class times vary by course			
<i>Eller College</i>				<i>Eller College</i>			
MIS/ENGR 512 A+B, Management of Technology (elective)			3	International Capstone Experience (or other elective)			3
**Entrepreneurial Sequence (required) :MAP/ECON 536, Venture Development I, combined with MAP ECON 536 II, Competitive Advantage and Industry Analysis (3 units total)			3	**Entrepreneurial Sequence (required): MAP 539, Venture Development I.			3
MAP 509A+B (if not taken in Fall of first year)			(3)	*MKTG 579: Marketing of Innovation; MKTG 572, Marketing Research for Managers; MIS 528: Business Process Management Systems (one required)			3
<i>MS ECE (Thesis)</i>				<i>MS ECE (Thesis)</i>			
ECE elective			3	ECE elective			3
Thesis			3	Thesis			3
				ECE Seminar			1
<b>Total units for Fall</b>			<b>12-15</b>	<b>Total units for Spring</b>			<b>16</b>
							<b>TOTAL UNITS FOR DUAL DEGREE</b>
							<b>71</b>

Legend:

- \* Focus on business foundations and community building.
- \*\* Introduction to new business development and foundations of finance.
- \*\*\* Integrated experiential learning.

Total units: 54 + 16 +1 = 71 units, which include 15 units counted toward both degrees (mainly units earned during summer projects/business communications).  
MBA requirements: 16 core + 23 elective units + 15 shared units = 54.