

BMEN Graduate Degree Plans: From a Bachelor's degree in Engineering

Master's		
Master of Science (32 hrs) and Master of Engineering (30 hrs)		
<u>Advisor Committee consists of:</u>	<u>Degree Requirements</u>	
	<u>M.S.</u>	<u>M.Engr.</u>
<ul style="list-style-type: none"> • Advisor/mentor/Chair - BMEN Faculty Member • BMEN Faculty 	<p><u>Courses:</u></p> <ul style="list-style-type: none"> • 12 hrs-BMEN courses ~Not including 685s • 10 hrs-Electives ~ Up to 4 hrs BMEN 4/685 • 2 hrs-BMEN 674 (Communications) • 2 hrs-Seminar • 6 hrs-Research • Other Courses-as required: prereqs/leveling 	<p><u>Courses:</u></p> <ul style="list-style-type: none"> • 12 hrs-BMEN courses ~Not including 685s • 10 hrs-Electives ~ Up to 3 hrs BMEN 685 • 2 hrs-BMEN 674 (Communications) • 2 hrs-Seminar • 4 hrs Internship (BMEN 684) • Other Courses-as required: prereqs/leveling
<ul style="list-style-type: none"> • Faculty outside of BMEN 	<ul style="list-style-type: none"> • Proposal • Final Exam (can be waived) • Thesis 	<ul style="list-style-type: none"> • Final Project • Final Exam (can be waived)

Doctoral		
<u>Advisor Committee consists of:</u>	<u>Degree Requirements</u>	
	<u>Ph.D.</u>	<u>D.Engr.</u>
<ul style="list-style-type: none"> • Advisor/mentor/Chair - BMEN Faculty Member • BMEN Faculty 	<ul style="list-style-type: none"> • 96 hrs beyond B.S., 64 hrs beyond M.S. 	<ul style="list-style-type: none"> • 96 hrs beyond B.S., 64 hrs beyond M.S.
<ul style="list-style-type: none"> • BMEN Faculty 	<ul style="list-style-type: none"> • 18 hrs-Graduate BMEN courses ~Not including 685s • 12 hrs-Electives ~May include BMEN Courses ~May not include 4/685 Courses ~ Includes 1 Life Science course • 4 hrs-Seminar • 2 hrs-BMEN 674 (Communications) • Research-as required • Other Courses-as required: prereqs/leveling 	<p>In addition to Ph.D. Requirements:</p> <ul style="list-style-type: none"> • 16 hrs. internship replaces research hours • Specially Appointed Committee Member • Must meet Master's degree MATH/STAT requirement • Other Courses-as required: prereqs/leveling
<ul style="list-style-type: none"> • Faculty outside of BMEN 	<ul style="list-style-type: none"> • Preliminary Exam and Proposal Defense • Comprehensive Written & Oral Final • Dissertation 	<ul style="list-style-type: none"> • Dr. of Engr. Qualifying Exam • Final Exam • Record of Study instead of dissertation

BMEN Graduate Degree Plans: From a Master's Degree in Engineering (obtained from a recognized U.S. college or university)

If the Master's degree is not from the United States, please refer to degree plans listed for someone with a Bachelor's in Engineering.

Doctoral- With a Master's in Biomedical Engineering		
<u>Advisor Committee consists of:</u>	<u>Degree Requirements</u>	
	<u>Ph.D.</u>	<u>D.Engr.</u>
<ul style="list-style-type: none"> • Advisor/mentor/Chair - BMEN Faculty Member 		
<ul style="list-style-type: none"> • BMEN Faculty 	<ul style="list-style-type: none"> • 64 hrs beyond M.S. 	<ul style="list-style-type: none"> • 66 hrs beyond M.Engr.
<ul style="list-style-type: none"> • BMEN Faculty 	<ul style="list-style-type: none"> • 6 hrs-Graduate BMEN courses ~Not including 685s • 1 Life Science course (in addition to the Physiology course) • 2 hrs-Seminar • 2 hrs-BMEN 674 (Communications) • Research-as required • Other Courses-as required: prereqs/leveling 	In addition to Ph.D. Requirements: <ul style="list-style-type: none"> • 16 hrs. internship replaces research hours • Specially Appointed Committee Member • Must meet Master's of Engineering degree requirements MATH/STAT requirement • Other Courses-as required: prereqs/leveling
<ul style="list-style-type: none"> • Faculty outside of BMEN 	<ul style="list-style-type: none"> • Preliminary Exam and Proposal Defense • Comprehensive Written & Oral Final • Dissertation 	<ul style="list-style-type: none"> • Dr. of Engr. Qualifying Exam • Final Exam • Record of Study instead of dissertation

Doctoral- With a Master's in another Engineering field		
<u>Advisor Committee consists of:</u>	<u>Degree Requirements</u>	
	<u>Ph.D.</u>	<u>D.Engr.</u>
<ul style="list-style-type: none"> • Advisor/mentor/Chair - BMEN Faculty Member 		
<ul style="list-style-type: none"> • BMEN Faculty 	<ul style="list-style-type: none"> • 64 hrs beyond M.S. 	<ul style="list-style-type: none"> • 64 hrs beyond M.S.
<ul style="list-style-type: none"> • BMEN Faculty 	<ul style="list-style-type: none"> • 18 hrs-Graduate BMEN courses ~Not including 685s • 1 Life Science course (in addition to the Physiology course) • 4 hrs-Seminar • 2 hrs-BMEN 674 (Communications) • Research-as required • Other Courses-as required: prereqs/leveling 	In addition to Ph.D. Requirements: <ul style="list-style-type: none"> • 16 hrs. internship replaces research hours • Specially Appointed Committee Member • Must meet Master's degree MATH/STAT requirement • Other Courses-as required: prereqs/leveling
<ul style="list-style-type: none"> • Faculty outside of BMEN 	<ul style="list-style-type: none"> • Preliminary Exam and Proposal Defense • Comprehensive Written & Oral Final • Dissertation 	<ul style="list-style-type: none"> • Dr. of Engr. Qualifying Exam • Final Exam • Record of Study instead of dissertation

(Revised October 2008)