

**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>			<b>SECONDARY PROGRAM OF</b>
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**ENG NON-DEGREE**

Undergraduate coursework	ENG	20	0000	A
Masters level coursework	ENG	40	0000	A

**B.S. - BACHELOR OF SCIENCE**

Approved Deferral	ENG	22	0015	A
Biomedical Engineering	ENG	22	0905	A
Computer Engineering	ENG	22	0930	A
Electrical Engineering	ENG	22	0909	A
General Engineering	ENG	22	0901	A
Mechanical Engineering	ENG	22	0910	A

**MINORS AVAILABLE FOR B.S. CANDIDATES**

Advertising	ENG	22	0614	B
African American Studies	ENG	22	2218	B
African Languages & Literatures	ENG	22	1116	B
African Studies	ENG	22	0305	B
American Studies	ENG	22	0313	B
Ancient Greek	ENG	22	1120	B
Anthropology	ENG	22	2202	B
Archaeology	ENG	22	2203	B
Astronomy	ENG	22	1911	B
Biology	ENG	22	0401	B
Biomedical Engineering	ENG	22	0905	B
Business Administration & Management	ENG	22	0506	B
Chemistry	ENG	22	1905	B
Classical Civilization	ENG	22	1545	B
Clinical Exercise Physiology	ENG	22	1238	B
Communication	ENG	22	0601	B
Communication Studies	ENG	22	0615	B
Computer Engineering	ENG	22	0930	B
Computer Science	ENG	22	0701	B
Core Interdisciplinary Studies	ENG	22	1430	B
Dance	ENG	22	1008	B
Earth Sciences	ENG	22	1926	B
Economics	ENG	22	2204	B
Electrical Engineering	ENG	22	0909	B
English	ENG	22	1501	B
Environmental Science	ENG	22	0434	B
European Literature	ENG	22	1513	B
Film & Television	ENG	22	0608	B
Film Studies	ENG	22	0606	B
French	ENG	22	1102	B
Geography	ENG	22	2206	B

ENG-1

last saved on 6/1/2021

**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>			<b>SECONDARY PROGRAM OF</b>
History	ENG	22	2205	B
History of Art and Architecture	ENG	22	1003	B
Human Physiology	ENG	22	1237	B
Ibero-American Studies	ENG	22	1156	B
International Relations	ENG	22	0317	B
Italian	ENG	22	1104	B
Japanese Language and Literature	ENG	22	1108	B
Journalism	ENG	22	0602	B
Latin	ENG	22	1119	B
Latin American Studies	ENG	22	0308	B
Linguistics	ENG	22	1505	B
Materials Science and Engineering	ENG	22	0934	B
Mathematics	ENG	22	1701	B
Mechanical Engineering	ENG	22	0910	B
Medieval Studies	ENG	22	2217	B
Modern Greek Studies	ENG	22	1190	B
Myth Studies	ENG	22	1596	B
Persian Cultural Studies	ENG	22	0327	B
Philosophy	ENG	22	1509	B
Photojournalism	ENG	22	0611	B
Physics	ENG	22	1902	B
Political Science	ENG	22	2207	B
Psychology	ENG	22	2001	B
Public Relations	ENG	22	0691	B
Religion	ENG	22	1510	B
Russian	ENG	22	1106	B
Sociology	ENG	22	2208	B
Spanish	ENG	22	1105	B
Speech, Language, and Hearing Science	ENG	22	1288	B
Statistics	ENG	22	1702	B
Sustainable Energy	ENG	22	0121	B
Systems Engineering	ENG	22	0992	B
Theatre Arts	ENG	22	5534	B
Visual Arts	ENG	22	1069	B
Women's, Gender and Sexuality Studies	ENG	22	2240	B
<b><u>SUBCONCENTRATIONS AVAILABLE FOR B.S. CANDIDATES</u></b>				
Aerospace Engineering	ENG	22	0902	C
Energy Technologies and Sustainability	ENG	22	1747	C
Grand Challenge Scholar	ENG	22	0953	C
Machine Learning	ENG	22	1748	C
Manufacturing Engineering	ENG	22	0991	C
Nanotechnology	ENG	22	0936	C
Technology Innovation	ENG	22	0943	C

ENG-2

last saved on 6/1/2021

**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>	<b>SECONDARY PROGRAM OF</b>
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**CONTROL GROUPS AVAILABLE FOR B.S. CANDIDATES**

**The control group is not a major; a B.S. program of study must also be selected.**

LEAP (Late Entry Accelerated Program)	ENG	22	0998	D
Modular Medical Program	ENG	22	1248	D

**B.S./M.S. - BACHELOR OF SCIENCE/MASTER OF SCIENCE**

B.S. -XXXXXXXXXXXXXXXXXXXXX/								
M.S. - Aerospace Engineering	ENG	23	XXXX	A	ENG	43	0902	A
B.S. -XXXXXXXXXXXXXXXXXXXXX/								
M.S. - Biomedical Engineering	ENG	23	XXXX	A	ENG	43	0905	A
B.S. -XXXXXXXXXXXXXXXXXXXXX/								
M.S. - Computer Engineering	ENG	23	XXXX	A	ENG	43	0930	A
B.S. -XXXXXXXXXXXXXXXXXXXXX/								
M.S. - Electrical Engineering	ENG	23	XXXX	A	ENG	43	0909	A
B.S. -XXXXXXXXXXXXXXXXXXXXX/								
M.S. - Manufacturing Engineering	ENG	23	XXXX	A	ENG	43	0991	A
B.S. -XXXXXXXXXXXXXXXXXXXXX/								
M.S. - Materials Science and Engineering	ENG	23	XXXX	A	ENG	43	0934	A
B.S. -XXXXXXXXXXXXXXXXXXXXX/								
M.S. - Mechanical Engineering	ENG	23	XXXX	A	ENG	43	0910	A
B.S. - Biomedical Engineering/								
M.S. - Aerospace Engineering	ENG	23	0905	A	ENG	43	0902	A
B.S./M.S. - Biomedical Engineering	ENG	23	0905	A	ENG	43	0905	A
B.S. - Biomedical Engineering/								
M.S. - Computer Engineering	ENG	23	0905	A	ENG	43	0930	A
B.S. - Biomedical Engineering/								
M.S. - XXXXXXXXXXXXXXXXX	ENG	23	0905	A	ENG	43	XXXX	A
B.S. - Biomedical Engineering/								
M.S. - Electrical Engineering	ENG	23	0905	A	ENG	43	0909	A
B.S. - Biomedical Engineering/								
M.S. - Manufacturing Engineering	ENG	23	0905	A	ENG	43	0991	A
B.S. - Biomedical Engineering/								
M.S. - Materials Science and Engineering	ENG	23	0905	A	ENG	43	0934	A
B.S. - Biomedical Engineering/								
M.S. - Mechanical Engineering	ENG	23	0905	A	ENG	43	0910	A
B.S. - Computer Engineering/								
M.S. - Aerospace Engineering	ENG	23	0930	A	ENG	43	0902	A
B.S. -XXXXXXXXXXXXXXXXXXXXX/								
M.S. - Aerospace Engineering	ENG	23	XXXX	A	ENG	43	0902	A
B.S. - Computer Engineering/								
M.S. - Biomedical Engineering	ENG	23	0930	A	ENG	43	0905	A
B.S. -XXXXXXXXXXXXXXXXXXXXX/								
M.S. - Biomedical Engineering	ENG	23	XXXX	A	ENG	43	0905	A
B.S./M.S. - Computer Engineering	ENG	23	0930	A	ENG	43	0930	A

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**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>					<b>SECONDARY PROGRAM OF</b>				
B.S. - Computer Engineering/ M.S. - Electrical Engineering	ENG	23	0930	A		ENG	43	0909	A	
B.S. - XXXXXXXXXXXXXXXXXXXX/ M.S. - Electrical Engineering	ENG	23	XXXX	A		ENG	43	0909	A	
B.S. - Computer Engineering/ M.S. - Manufacturing Engineering	ENG	23	0930	A		ENG	43	0991	A	
B.S. - XXXXXXXXXXXXXXXXXXXX/ M.S. - Manufacturing Engineering	ENG	23	XXXX	A		ENG	43	0991	A	
B.S. - Computer Engineering/ M.S. - Materials Science and Engineering	ENG	23	0930	A		ENG	43	0934	A	
B.S. - XXXXXXXXXXXXXXXXXXXX/ M.S. - Materials Science and Engineering	ENG	23	XXXX	A		ENG	43	0934	A	
B.S. - Computer Engineering/ M.S. - Mechanical Engineering	ENG	23	0930	A		ENG	43	0910	A	
B.S. - XXXXXXXXXXXXXXXXXXXX/ M.S. - Mechanical Engineering	ENG	23	XXXX	A		ENG	43	0910	A	
B.S. - Electrical Engineering/ M.S. - Aerospace Engineering	ENG	23	0909	A		ENG	43	0902	A	
B.S. - Electrical Engineering/ M.S. - Biomedical Engineering	ENG	23	0909	A		ENG	43	0905	A	
B.S. - Electrical Engineering/ M.S. - Computer Engineering	ENG	23	0909	A		ENG	43	0930	A	
B.S. - Electrical Engineering/ M.S. - XXXXXXXXXXXXXXXXXXXX	ENG	23	0909	A		ENG	43	XXXX	A	
B.S./M.S. - Electrical Engineering	ENG	23	0909	A		ENG	43	0909	A	
B.S. - Electrical Engineering/ M.S. - Manufacturing	ENG	23	0909	A		ENG	43	0991	A	
B.S. - Electrical Engineering/ M.S. - Materials Science and Engineering	ENG	23	0909	A		ENG	43	0934	A	
B.S. - Electrical Engineering/ M.S. - Mechanical Engineering	ENG	23	0909	A		ENG	43	0910	A	
B.S. - Electrical Engineering/M.S. - Photonics	ENG	23	0909	A		ENG	43	0929	A	
B.S. - General Engineering/ M.S. - Aerospace Engineering	ENG	23	0901	A		ENG	43	0902	A	
B.S. - General Engineering/ M.S. - Biomedical Engineering	ENG	23	0901	A		ENG	43	0905	A	
B.S. - General Engineering/ M.S. - XXXXXXXXXXXXXXXXXXXX	ENG	23	0901	A		ENG	43	XXXX	A	
B.S. - General Engineering M.S. - Electrical Engineering	ENG	23	0901	A		ENG	43	0909	A	
B.S. - General Engineering/ M.S. - Manufacturing Engineering	ENG	23	0901	A		ENG	43	0991	A	
B.S. - General Engineering/ M.S. - Materials Science and Engineering	ENG	23	0901	A		ENG	43	0934	A	

**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>					<b>SECONDARY PROGRAM OF</b>				
B.S. - General Engineering/ M.S. - Mechanical Engineering	ENG	23	0901	A		ENG	43	0910	A	
B.S. - XXXXXXXXXXXXXXXX/ M.S. - Aerospace Engineering	ENG	23	XXXX	A		ENG	43	0902	A	
B.S. -XXXXXXXXXXXXXXXXX/ M.S. - Biomedical Engineering	ENG	23	XXXX	A		ENG	43	0905	A	
B.S. - XXXXXXXXXXXXXXXX/ M.S. - Computer Engineering	ENG	23	XXXX	A		ENG	43	0930	A	
B.S. - XXXXXXXXXXXXXXXX/ M.S. - Electrical Engineering	ENG	23	XXXX	A		ENG	43	0909	A	
B.S. -XXXXXXXXXXXXXXXXX/ Manufacturing Engineering					M.S. -	ENG	23	XXXX	A	ENG 43 0991 A
B.S. - XXXXXXXXXXXXXXXX/ M.S. - Materials Science and Engineering	ENG	23	XXXX	A		ENG	43	0934	A	
B.S. - XXXXXXXXXXXXXXXX/ M.S. - Mechanical Engineering	ENG	23	XXXX	A		ENG	43	0910	A	
B.S. - Mechanical Engineering/ M.S. - Aerospace Engineering	ENG	23	0910	A		ENG	43	0902	A	
B.S. - Mechanical Engineering/ M.S. - Biomedical Engineering	ENG	23	0910	A		ENG	43	0905	A	
B.S. - Mechanical Engineering/ M.S. - Computer Engineering	ENG	23	0910	A		ENG	43	0930	A	
B.S. - Mechanical Engineering/ M.S. - XXXXXXXXXXXXXXXX	ENG	23	0910	A		ENG	43	XXXX	A	
B.S. - Mechanical Engineering/ M.S. - Electrical Engineering	ENG	23	0910	A		ENG	43	0909	A	
B.S. - Mechanical Engineering/ M.S. - Manufacturing Engineering	ENG	23	0910	A		ENG	43	0991	A	
B.S. - Mechanical Engineering/ M.S. - Materials Science and Engineering	ENG	23	0910	A		ENG	43	0934	A	
B.S./M.S. - Mechanical Engineering	ENG	23	0910	A		ENG	43	0910	A	
B.S. - XXXXXXXXXXXXXXXX/ M.S. - Materials Science and Engineering	ENG	23	XXXX	A		ENG	43	0914	A	

**B.S./M.S. APPROVED DEFERRAL FOR B.S./M.S. CANDIDATES**

Approved Deferral	ENG	23	0015	A
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**CONTROL GROUPS AVAILABLE FOR B.S./M.S. CANDIDATES**

**The control group is not a major; a B.S./M.S. program of study must also be selected.**

4 Year Co-Terminal Program

(B.S. primary program)	ENG	23	0926	D
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**UNDERGRADUATE MINORS AVAILABLE FOR B.S./M.S. CANDIDATES**

Astronomy	ENG	23	1911	B
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**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>				<b>SECONDARY PROGRAM OF</b>
Biology	ENG	23	0401	B	
Biomedical Engineering	ENG	23	0905	B	
Chemistry	ENG	23	1905	B	
Clinical Exercise Physiology	ENG	23	1238	B	
Computer Engineering	ENG	23	0930	B	
Computer Science	ENG	23	0701	B	
Dance	ENG	23	1008	B	
Earth Sciences	ENG	23	1926	B	
Economics	ENG	23	2204	B	
Electrical Engineering	ENG	23	0909	B	
Environmental Science	ENG	23	0434	B	
History	ENG	23	2205	B	
History of Art and Architecture	ENG	23	1003	B	
Human Physiology	ENG	23	1237	B	
International Relations	ENG	23	0317	B	
Materials Science and Engineering	ENG	23	0934	B	
Mathematics	ENG	23	1701	B	
Mechanical Engineering	ENG	23	0910	B	
Philosophy	ENG	23	1509	B	
Physics	ENG	23	1902	B	
Spanish	ENG	23	1105	B	
Systems Engineering	ENG	23	0992	B	
<b><u>SUBCONCENTRATIONS AVAILABLE FOR B.S. CANDIDATES</u></b>					
Aerospace Engineering	ENG	23	0902	C	
Energy Technologies and Sustainability	ENG	23	1747	C	
Machine Learning	ENG	23	1748	C	
Manufacturing Engineering	ENG	23	0991	C	
Nanotechnology	ENG	23	0936	C	
<b><u>SUBCONCENTRATIONS AVAILABLE FOR B.S. CANDIDATES</u></b>					
Energy Technologies and Sustainability	ENG	24	1747	C	
Grand Challenge Scholar	ENG	24	0953	C	
Machine Learning	ENG	24	1748	C	
<b><u>M.S. - MASTER OF SCIENCE</u></b>					
Aerospace Engineering	ENG	42	0902	A	
Biomedical Engineering	ENG	42	0905	A	
Biomedical Engineering with Engineering Practice	ENG	42	0944	A	
Computer Engineering	ENG	42	0930	A	
Computer Engineering with Engineering Practice	ENG	42	0949	A	
Electrical Engineering	ENG	42	0909	A	
Electrical and Computer Engineering	ENG	42	0963	A	
Electrical Engineering with Engineering Practice	ENG	42	0945	A	

## COLLEGE OF ENGINEERING

CURRENT DEGREE PROGRAMS	PRIMARY PROGRAM OF STUDY			SECONDARY PROGRAM OF
Engineering Mechanics	ENG	42	0921	A
Mechanical Engineering with Engineering Practice	ENG	42	0946	A
General Engineering	ENG	42	0901	A
Global Manufacturing	ENG	42	0927	A
Global Manufacturing with Engineering Practice	ENG	42	0947	A
Manufacturing Engineering with Engineering Practice	ENG	42	0951	A
Material Science and Engineering	ENG	42	0934	A
Materials Science and Engineering with Engineering Practice	ENG	42	0950	A
Mechanical Engineering	ENG	42	0910	A
Photonics	ENG	42	0929	A
Photonics with Engineering Practice	ENG	42	0948	A
Product Design and Manufacture	ENG	42	0954	A
Robotics and Autonomous Systems	ENG	42	0914	A
Systems Engineering	ENG	42	0992	A
Systems Engineering with Engineering Practice	ENG	42	0952	A
<b><u>SUBCONCENTRATIONS AVAILABLE FOR M.S. CANDIDATES</u></b>				
Cybersecurity	ENG	42	0928	C
Data Analytics	ENG	42	0937	C
Robotics	ENG	42	0938	C
<b><u>CONTROL GROUPS AVAILABLE FOR M.S. CANDIDATES</u></b>				
<b>The control group is not a major; a M.S. program of study must also be selected.</b>				
Aerospace/Mechanical Engineering				
Department	ENG	42	0932	D
Biomedical Engineering	ENG	42	0905	D
Electrical and Computer Engineering	ENF	42	0963	D
Interdisciplinary Studies	ENG	42	4981	D
LEAP (Late Entry Accelerated Program)	ENG	42	0998	D
Manufacturing Engineering	ENG	42	0991	D
Material Science and Engineering	ENG	42	0934	D
Mechanical Engineering	ENG	42	0910	D
Product Design and Manufacture	ENG	22	0954	D
Systems Engineering	ENG	42	0992	D
Technology Strategy & Policy	ENG	42	0997	D
<b><u>CONTROL GROUPS AVAILABLE FOR B.S./M.S. CANDIDATES</u></b>				
<b>The control group is not a major; a B.S./M.S. program of study must also be selected.</b>				
4 Year Co-Terminal Program (M.S. primary program)				
	ENG	43	0926	D
<b><u>M.Eng. - MASTER OF ENGINEERING</u></b>				
Biomedical Engineering	ENG	44	0905	A

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**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>				<b>SECONDARY PROGRAM OF</b>
Biomedical Engineering with Engineering Practice	ENG	44	0944	A	
Computer Engineering	ENG	44	0930	A	
Computer Engineering with Engineering Practice	ENG	44	0949	A	
Electrical Engineering	ENG	44	0909	A	
Electrical Engineering with Engineering Practice	ENG	44	0945	A	
Manufacturing Engineering	ENG	44	0991	A	
Manufacturing Engineering with Engineering Practice	ENG	44	0951	A	
Materials Science and Engineering	ENG	44	0934	A	
Materials Science and Engineering with Engineering Practice	ENG	44	0950	A	
Mechanical Engineering	ENG	44	0910	A	
Mechanical Engineering with Engineering Practice	ENG	44	0946	A	
Photonics	ENG	44	0929	A	
Photonics with Engineering Practice	ENG	44	0948	A	
Systems Engineering	ENG	44	0992	A	
Systems Engineering with Engineering Practice	ENG	44	0952	A	

**SUBCONCENTRATIONS AVAILABLE FOR M.Eng.. CANDIDATES**

Cybersecurity	ENG	44	0928	C
Data Analytics	ENG	44	0937	C
Robotics	ENG	44	0938	C

**B.S.-BACHELOR OF SCIENCE/M.A.T.-MASTER OF ARTS IN TEACHING**

B.S -Biomedical Engineering/ M.A.T. - Mathematics Education	ENG	24	0905	A	SED	44	0833	A
B.S -Computer Engineering/ M.A.T. - Mathematics Education	ENG	24	0930	A	SED	44	0833	A
B.S -Electrical Engineering/ M.A.T. - Mathematics Education	ENG	24	0909	A	SED	44	0833	A
B.S -Mechanical Engineering/ M.A.T. - Mathematics Education	ENG	24	0910	A	SED	44	0833	A
B.S -Biomedical Engineering/ M.A.T. - Science Education	ENG	24	0905	A	SED	44	0834	A
B.S -Computer Engineering/ M.A.T. - Science Education	ENG	24	0930	A	SED	44	0834	A
B.S -Electrical Engineering/ M.A.T. - Science Education	ENG	24	0909	A	SED	44	0834	A
B.S -Mechanical Engineering/ M.A.T. - Science Education	ENG	24	0910	A	SED	44	0834	A

**M.S./M.B.A. - MASTER OF SCIENCE/MASTER OF BUSINESS ADMINISTRATION**

M.S. - Manufacturing Engineering/ M.B.A. - Business Administration and Management	ENG	55	0991	A	QST	55	0506	A
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ENG-8

last saved on 6/1/2021



**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>				<b>SECONDARY PROGRAM OF</b>			
M.S. - Manufacturing Engineering with Engineering Practice/ M.B.A. - Business Administration and Management	ENG	55	0951	A	QST	55	0506	A
M.S. - Manufacturing Engineering/ M.B.A. - Health Sector Management	ENG	55	0991	A	QST	55	0520	A
M.S. - Manufacturing Engineering with Engineering Practice/ M.B.A. - Health Sector Management	ENG	55	0951	A	QST	55	0520	A
M.S. - Manufacturing Engineering/ M.B.A. -Social Impact	ENG	55	0991	A	QST	55	0670	A
M.S. - Manufacturing Engineering with Engineering Practice/ M.B.A. - Social Impact	ENG	55	0951	A	QST	55	0670	A
M.S. - Product Design and Manufacture/ M.B.A. - Business Administration and Management	ENG	55	0954	A	QST	55	0506	A
M.S. - Product Design and Manufacture/ M.B.A. - Health Sector Management	ENG	55	0954	A	QST	55	0520	A
M.S. -Product Design and Manufacture/ M.B.A. - Public Management	ENG	55	0954	A	QST	55	0521	A
M.S. -Product Design and Manufacture/ M.B.A. - Social Impact	ENG	55	0954	A	QST	55	0670	A
M.S. -Robotics and Autonomous Systems/ M.B.A. - XXXXXXXXXXXXXXXXXXXXXXXX	ENG	55	0914	A	QST	55	XXX	A

**CONTROL GROUPS AVAILABLE FOR M.S./M.B.A. CANDIDATES**

**The control group is not a major; a M.S./M.B.A. program of study must also be selected.**

LEAP (Late Entry Accelerated Program)	ENG	55	0998	D
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**Ph.D. - DOCTOR OF PHILOSOPHY**

Aerospace Engineering	ENG	81	0902	A
Biomedical Engineering	ENG	81	0905	A
Computer Engineering	ENG	81	0930	A
Electrical Engineering	ENG	81	0909	A
Engineering Science	ENG	81	0993	A
Manufacturing Engineering	ENG	81	0991	A
Materials Science and Engineering	ENG	81	0934	A
Mechanical Engineering	ENG	81	0910	A
Systems Engineering	ENG	81	0992	A

**CONTROL GROUPS AVAILABLE FOR Ph.D. CANDIDATES**

**The control group is not a major; a Ph.D. program of study must also be selected.**

**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>				<b>SECONDARY PROGRAM OF</b>
Aerospace/Mechanical Engineering Department	ENG	81	0932	D	
Biomedical Engineering	ENG	81	0905	D	
Electrical and Computer Engineering Department	ENG	81	0933	D	
LEAP (Late Entry Accelerated Program)	ENG	81	0998	D	
Manufacturing Engineering	ENG	81	0991	D	
Materials Science and Engineering	ENG	81	0934	D	
Mechanical Engineering	ENG	81	0910	D	

**Ph.D. - DOCTOR OF PHILOSOPHY - POST BACHELOR'S - NO M.S. AWARDED**

Aerospace Engineering	ENG	85	0902	A	
Biomedical Engineering	ENG	85	0905	A	
Computer Engineering	ENG	85	0930	A	
Electrical Engineering	ENG	85	0909	A	
Engineering Science	ENG	85	0993	A	
Manufacturing Engineering	ENG	85	0991	A	
Materials Science and Engineering	ENG	85	0934	A	
Mechanical Engineering	ENG	85	0910	A	
Systems Engineering	ENG	85	0992	A	

**CONTROL GROUPS AVAILABLE FOR POST BACHELOR'S Ph.D. CANDIDATES**

**The control group is not a major; a Post Bachelor's Ph.D. program of study must also be selected.**

Aerospace/Mechanical Engineering Department	ENG	85	0932	D	
Biomedical Engineering	ENG	85	0905	D	
Electrical and Computer Engineering Department	ENG	85	0933	D	
LEAP (Late Entry Accelerated Program)	ENG	85	0998	D	
Manufacturing Engineering	ENG	85	0991	D	
Mechanical Engineering	ENG	85	0910	D	

**Ph.D./M.D. - DOCTOR OF PHILOSOPHY/DOCTOR OF MEDICINE**

Ph.D. - Biomedical Engineering/ M.D. - Medicine	ENG	82	0905	A	MED	68	1206	A
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**CONTROL GROUPS AVAILABLE FOR Ph.D./M.D. CANDIDATES**

**The control group is not a major; a Ph.D./M.D. program of study must also be selected.**

LEAP (Late Entry Accelerated Program)	ENG	82	0998	D	
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**M.S./Ph.D. - MASTER OF SCIENCE/DOCTOR OF PHILOSOPHY**

M.S. - Aerospace Engineering/ Ph.D. - Engineering Science	ENG	48	0902	A	ENG	88	0993	A
M.S. - Aerospace Engineering/ Ph.D. - Mechanical Engineering	ENG ENG-10	48	0902	A	ENG	88	0910	A

**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>					<b>SECONDARY PROGRAM OF</b>			
M.S./Ph.D. - Aerospace Engineering	ENG	48	0902	A	ENG	88	0902	A	
M.S. - Biomedical Engineering/ Ph.D. - Engineering Science	ENG	48	0905	A	ENG	88	0993	A	
M.S. - Biomedical Engineering/ Ph.D. - Manufacturing Engineering	ENG	48	0905	A	ENG	88	0991	A	
M.S./Ph.D. - Biomedical Engineering	ENG	48	0905	A	ENG	88	0905	A	
M.S. - Computer Engineering/ Ph.D. - Computer Engineering	ENG	48	0930	A	ENG	88	0930	A	
M.S. - XXXXXXXXXXXXXXXXXXXXXXXX/ Ph.D. - Computer Engineering	ENG	48	XXXX	A	ENG	88	0930	A	
M.S. - Computer Engineering/ Ph.D. - Electrical Engineering	ENG	48	0930	A	ENG	88	0909	A	
M.S. - XXXXXXXXXXXXXXXXXXXXXXXX/ Ph.D. - Electrical Engineering	ENG	48	XXXX	A	ENG	88	0909	A	
M.S. - Computer Engineering/ Ph.D. - Engineering Science	ENG	48	0930	A	ENG	88	0993	A	
M.S. - XXXXXXXXXXXXXXXXXXXXXXXX/ Ph.D. - Engineering Science	ENG	48	XXXX	A	ENG	88	0993	A	
M.S. - Electrical Engineering/ Ph.D. - Computer Engineering	ENG	48	0909	A	ENG	88	0930	A	
M.S. - Electrical Engineering/ Ph.D. - Engineering Science	ENG	48	0909	A	ENG	88	0993	A	
M.S./Ph.D. - Electrical Engineering	ENG	48	0909	A	ENG	88	0909	A	
M.S. - General Engineering/ Ph.D. - Aerospace Engineering	ENG	48	0901	A	ENG	88	0902	A	
M.S. - General Engineering/ Ph.D. - Biomedical Engineering	ENG	48	0901	A	ENG	88	0905	A	
M.S. - General Engineering/ Ph.D. - Computer Engineering	ENG	48	0901	A	ENG	88	0930	A	
M.S. - General Engineering/ Ph.D. - Electrical Engineering	ENG	48	0901	A	ENG	88	0909	A	
M.S. - General Engineering/ Ph.D. - Engineering Science	ENG	48	0901	A	ENG	88	0993	A	
M.S. - General Engineering/ Ph.D. - Manufacturing Engineering	ENG	48	0901	A	ENG	88	0991	A	
M.S. - General Engineering/ Ph.D. - Mechanical Engineering	ENG	48	0901	A	ENG	88	0910	A	
M.S. - Global Manufacturing Engineering/ Ph.D. - Engineering Science	ENG	48	0927	A	ENG	88	0993	A	
M.S. - Global Manufacturing Engineering/ Ph.D. - Manufacturing Engineering	ENG	48	0927	A	ENG	88	0991	A	
M.S. - Manufacturing Engineering/ Ph.D. - Engineering Science	ENG	48	0991	A	ENG	88	0993	A	
M.S./Ph.D. - Manufacturing Engineering	ENG	48	0991	A	ENG	88	0991	A	
M.S./Ph.D. - Materials Science and Engineering	ENG	48	0934	A	ENG	88	0934	A	

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**COLLEGE OF ENGINEERING**

<b>CURRENT DEGREE PROGRAMS</b>	<b>PRIMARY PROGRAM OF STUDY</b>					<b>SECONDARY PROGRAM OF</b>			
M.S. - Mechanical Engineering/ Ph.D. - Aerospace Engineering	ENG	48	0910	A	ENG	88	0902	A	
M.S. - Mechanical Engineering/ Ph.D. - Engineering Science	ENG	48	0910	A	ENG	88	0993	A	
M.S./Ph.D. - Mechanical Engineering	ENG	48	0910	A	ENG	88	0910	A	
M.S. - Photonics/ Ph.D. - Computer Engineering	ENG	48	0929	A	ENG	88	0930	A	
M.S. - Photonics/ Ph.D. - Electrical Engineering	ENG	48	0929	A	ENG	88	0909	A	
M.S. - Photonics/ Ph.D. - Engineering Science	ENG	48	0929	A	ENG	88	0993	A	
M.S. - Robotics and Autonomous Systems/ Ph.D. - XXXXXXXXXXXXXXXXXXXXXXXX	ENG	48	0914	A	ENG	88	XXX	A	

**M.S.-LEVEL CONTROL GROUPS AVAILABLE FOR M.S./Ph.D. CANDIDATES**

**The control group is not a major; a M.S./Ph.D. program of study must also be selected.**

Interdisciplinary Studies	ENG	48	4981	D
LEAP (Late Entry Accelerated Program)	ENG	48	0998	D
Materials Science and Engineering	ENG	48	0934	D

**Ph.D.-LEVEL CONTROL GROUPS AVAILABLE FOR Ph.D./M.S. CANDIDATES**

**The control group is not a major; a Ph.D./M.S. program of study must also be selected.**

LEAP (Late Entry Accelerated Program)	ENG	88	0998	D
Materials Science and Engineering	ENG	88	0934	D

**INTERCOLLEGIATE PROGRAM IN BIOINFORMATICS**

**Joint program offered by the College of Engineering and the Graduate School of Arts and Sciences.**

M.S. - Bioinformatics	EGS	42	0499	A				
M.S./Ph.D. - Bioinformatics	EGS	48	0499	A	EGS	88	0499	A
Ph.D. - Bioinformatics	EGS	81	0499	A				