

COLLEGE OF ENGINEERING

CURRENT DEGREE PROGRAMS	PRIMARY PROGRAM OF STUDY			SECONDARY PROGRAM OF STUDY
<u>ENG NON-DEGREE</u>				
Undergraduate coursework	ENG	20	0000	A
Masters level coursework	ENG	40	0000	A
<u>B.S. - BACHELOR OF SCIENCE</u>				
Aerospace Engineering	ENG	22	0902	A
Approved Deferral	ENG	22	0010	A
Biomedical Engineering	ENG	22	0905	A
Computer Systems Engineering	ENG	22	0931	A
Electrical Engineering	ENG	22	0909	A
General Engineering	ENG	22	0901	A
Interdisciplinary Engineering	ENG	22	0942	A
Manufacturing Engineering	ENG	22	0991	A
Mechanical Engineering	ENG	22	0910	A
<u>MINORS AVAILABLE FOR B.S. CANDIDATES</u>				
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
Art History	ENG	22	1003	B
Astronomy	ENG	22	1911	B
Biology	ENG	22	0401	B
Biomedical Engineering	ENG	22	0905	B
Business Administration	ENG	22	0501	B
Chemistry	ENG	22	1905	B
Classical Civilization	ENG	22	1545	B
Clinical Exercise Physiology	ENG	22	1238	B
Communication Studies	ENG	22	0615	B
Computer Engineering	ENG	22	0930	B
Computer Science	ENG	22	0701	B
Earth Sciences	ENG	22	1926	B
East Asian Studies	ENG	22	0312	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 Studies	ENG	22	0606	B
French	ENG	22	1102	B
Geography	ENG	22	2206	B
History	ENG	22	2205	B
Human Physiology	ENG	22	1237	B

COLLEGE OF ENGINEERING

CURRENT DEGREE PROGRAMS	PRIMARY PROGRAM OF STUDY				SECONDARY PROGRAM OF STUDY			
Ibero-American Studies	ENG	22	1156	B				
International Relations	ENG	22	0317	B				
Italian	ENG	22	1104	B				
Journalism	ENG	22	0602	B				
Latin	ENG	22	1119	B				
Latin American Studies	ENG	22	0308	B				
Linguistics	ENG	22	1505	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				
Music	ENG	22	1005	B				
Myth Studies	ENG	22	1596	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				
Theatre Arts	ENG	22	5534	B				
Visual Arts	ENG	22	1069	B				
Women's Studies	ENG	22	2240	B				

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

B.S./M.S. - Aerospace Engineering	ENG	23	0902	A	ENG	43	0902	A
B.S. - Aerospace Engineering/ M.S. - Biomedical Engineering	ENG	23	0902	A	ENG	43	0905	A
B.S. - Aerospace Engineering/ M.S. - Computer Systems Engineering	ENG	23	0902	A	ENG	43	0931	A
B.S. - Aerospace Engineering/ M.S. - Electrical Engineering	ENG	23	0902	A	ENG	43	0909	A
B.S. - Aerospace Engineering/ M.S. - Manufacturing Engineering	ENG	23	0902	A	ENG	43	0991	A
B.S. - Aerospace Engineering/ M.S. - Materials Science and Engineering	ENG	23	0902	A	ENG	43	0934	A
B.S. - Aerospace Engineering/ M.S. - Mechanical Engineering	ENG	23	0902	A	ENG	43	0910	A

COLLEGE OF ENGINEERING

CURRENT DEGREE PROGRAMS	PRIMARY PROGRAM OF STUDY				SECONDARY PROGRAM OF STUDY			
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 Systems Engineering	ENG	23	0905	A	ENG	43	0931	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 Systems Engineering/ M.S. - Aerospace Engineering	ENG	23	0931	A	ENG	43	0902	A
B.S. - Computer Systems Engineering/ M.S. - Biomedical Engineering	ENG	23	0931	A	ENG	43	0905	A
B.S./M.S. - Computer Systems Engineering	ENG	23	0931	A	ENG	43	0931	A
B.S. - Computer Systems Engineering/ M.S. - Electrical Engineering	ENG	23	0931	A	ENG	43	0909	A
B.S. - Computer Systems Engineering/ M.S. - Manufacturing Engineering	ENG	23	0931	A	ENG	43	0991	A
B.S. - Computer Systems Engineering/ M.S. - Materials Science and Engineering	ENG	23	0931	A	ENG	43	0934	A
B.S. - Computer Systems Engineering/ M.S. - Mechanical Engineering	ENG	23	0931	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 System Engineering	ENG	23	0909	A	ENG	43	0931	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. - Computer System Engineering	ENG	23	0901	A	ENG	43	0931	A

COLLEGE OF ENGINEERING

CURRENT DEGREE PROGRAMS	PRIMARY PROGRAM OF STUDY				SECONDARY PROGRAM OF STUDY			
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
B.S. - General Engineering/								
M.S. - Mechanical Engineering	ENG	23	0901	A	ENG	43	0910	A
B.S. - Manufacturing Engineering/								
M.S. - Aerospace Engineering	ENG	23	0991	A	ENG	43	0902	A
B.S. - Manufacturing Engineering/								
M.S. - Biomedical Engineering	ENG	23	0991	A	ENG	43	0905	A
B.S. - Manufacturing Engineering/								
M.S. - Computer System Engineering	ENG	23	0991	A	ENG	43	0931	A
B.S. - Manufacturing Engineering/								
M.S. - Electrical Engineering	ENG	23	0991	A	ENG	43	0909	A
B.S./M.S. - Manufacturing Engineering	ENG	23	0991	A	ENG	43	0991	A
B.S. - Manufacturing Engineering/								
M.S. - Materials Science and Engineering	ENG	23	0991	A	ENG	43	0934	A
B.S. - Manufacturing Engineering/								
M.S. - Mechanical Engineering	ENG	23	0991	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 System Engineering	ENG	23	0910	A	ENG	43	0931	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./M.S. APPROVED DEFERRAL FOR B.S./M.S. CANDIDATES

Approved Deferral	ENG	23	0010	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

Art History	ENG	23	1003	B
Astronomy	ENG	23	1911	B
Biology	ENG	23	0401	B

COLLEGE OF ENGINEERING

CURRENT DEGREE PROGRAMS	PRIMARY PROGRAM OF STUDY			SECONDARY PROGRAM OF STUDY
Biomedical Engineering	ENG	23	0905	B
Business Administration	ENG	23	0501	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
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
Human Physiology	ENG	23	1237	B
International Relations	ENG	23	0317	B
Mathematics	ENG	23	1701	B
Mechanical Engineering	ENG	23	0910	B
Music	ENG	23	1005	B
Philosophy	ENG	23	1509	B
Physics	ENG	23	1902	B
Rehabilitation & Human Services	ENG	23	5520	B
Spanish	ENG	23	1105	B

M.S. - MASTER OF SCIENCE

Aerospace Engineering	ENG	42	0902	A
Biomedical Engineering	ENG	42	0905	A
Computer Systems Engineering	ENG	42	0931	A
Electrical Engineering	ENG	42	0909	A
Engineering Mechanics	ENG	42	0921	A
General Engineering	ENG	42	0901	A
Global Manufacturing	ENG	42	0927	A
Manufacturing Engineering	ENG	42	0991	A
Material Science and Engineering	ENG	42	0934	A
Mechanical Engineering	ENG	42	0910	A
Photonics	ENG	42	0929	A
Systems Engineering	ENG	42	0992	A

CONTROL GROUPS AVAILABLE FOR M.S. CANDIDATES

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

Aerospace/Mechanical Engineering				
Department	ENG	42	0932	D
Biomedical Engineering	ENG	42	0905	D
Electrical and Computer Engineering				
Department	ENG	42	0933	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

COLLEGE OF ENGINEERING

CURRENT DEGREE PROGRAMS	PRIMARY PROGRAM OF STUDY				SECONDARY PROGRAM OF STUDY			
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Technology Strategy & Policy	ENG	42	0997	D					
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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 (M.S. primary program)

ENG	43	0926	D
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M.Eng. - MASTER OF ENGINEERING

Biomedical Engineering

ENG	44	0905	A
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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	GSM	55	0506	A
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M.S. - Manufacturing Engineering/
M.B.A. - Health Sector Management

ENG	55	0991	A	GSM	55	0520	A
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M.S. - Manufacturing Engineering/
M.B.A. - Public Management

ENG	55	0991	A	GSM	55	0521	A
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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
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Biomedical Engineering

ENG	81	0905	A
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Computer Engineering

ENG	81	0930	A
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Electrical Engineering

ENG	81	0909	A
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Engineering Science

ENG	81	0993	A
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Manufacturing Engineering

ENG	81	0991	A
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Materials Science and Engineering

ENG	81	0934	A
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Mechanical Engineering

ENG	81	0910	A
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Systems Engineering

ENG	81	0992	A
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CONTROL GROUPS AVAILABLE FOR Ph.D. CANDIDATES

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

Aerospace/Mechanical Engineering

Department

ENG	81	0932	D
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Biomedical Engineering

ENG	81	0905	D
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Electrical and Computer Engineering

Department

ENG	81	0933	D
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LEAP (Late Entry Accelerated Program)

ENG	81	0998	D
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Manufacturing Engineering

ENG	81	0991	D
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Materials Science and Engineering

ENG	81	0934	D
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Mechanical Engineering

ENG	81	0910	D
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Ph.D. - DOCTOR OF PHILOSOPHY - POST BACHELOR'S - NO M.S. AWARDED

COLLEGE OF ENGINEERING

CURRENT DEGREE PROGRAMS	PRIMARY PROGRAM OF STUDY				SECONDARY PROGRAM OF STUDY
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	48	0902	A	ENG	88	0910	A
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 Systems Engineering/								
Ph.D. - Computer Engineering	ENG	48	0931	A	ENG	88	0930	A
M.S. - Computer Systems Engineering/								
Ph.D. - Electrical Engineering	ENG	48	0931	A	ENG	88	0909	A
M.S. - Computer Systems Engineering/								
Ph.D. - Engineering Science	ENG	48	0931	A	ENG	88	0993	A

COLLEGE OF ENGINEERING

CURRENT DEGREE PROGRAMS	PRIMARY PROGRAM OF STUDY				SECONDARY PROGRAM OF STUDY			
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
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.-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

COLLEGE OF ENGINEERING

CURRENT DEGREE PROGRAMS	PRIMARY PROGRAM OF STUDY	SECONDARY PROGRAM OF STUDY
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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				