

Fall '18 to Spring '21

**ME-UY UNDERGRADUTE CHECK LIST**

STUDENT NAME-UY =

STUDENT ID =

DATE =

CHECK IF PASSED	CHECK IF PRECLUDED BY TRANSFER CREDIT	CREDITS EARNED	CREDITS PER CATALOG
-----------------	---------------------------------------	----------------	---------------------

**FRESHMAN YEAR**

**Fall Semester**

EG-UY 1001	First Year Forum			1	not satisfied	
EG-UY 1003	Introduction to Engineering & Design			3	not satisfied	
MA-UY 1024	Calculus I OR			4	not satisfied	
MA-UY 1324	Integrated Calculus I			4	not satisfied	
CM-UY 1004	General Chemistry			4	not satisfied	
EXPOS-UA 1	Writing The Essay			4	not satisfied	
				0	16	<b>PROBLEM</b>

**Spring Semester**

MA-UY 1124	Calculus II OR			4	not satisfied	
MA-UY 1424	Integrated Calculus II			3	not satisfied	
PH-UY 1013	Mechanics			2	not satisfied	
ME-UY 1012	Introduction to Mechanical Engineering			4	not satisfied	
EXPOS-UA 2	Advanced College Essay			3	not satisfied	
CS-UY 1133	Engineering Problem Solving & Programming			0	16	<b>PROBLEM</b>

**SOPHOMORE YEAR**

**Fall Semester**

MA-UY 2304	Differential Equations			4	not satisfied	
PH-UY 2023	Electricity, Magnetism and Fluids			3	not satisfied	
PH-UY 2121	General Physics Lab I			1	not satisfied	
ME-UY 2811	Materials Science Lab			1	not satisfied	
ME-UY 2813	Introduction to Materials Science			3	not satisfied	
	HU/SS Elective			4	not satisfied	
ME-UY 2112	Computer Aided Design			2	not satisfied	
				0	18	<b>PROBLEM</b>

**Spring Semester**

MA-UY 2114	Multi-Dimensional Calculus			4	not satisfied	
MA-UY 2224	Data Analysis			4	not satisfied	
PH-UY 2033	Waves, Optics and Thermodynamics			3	not satisfied	
PH-UY 2131	General Physics Lab II			1	not satisfied	
ME-UY 2211	Statics Lab			1	not satisfied	
ME-UY 2213	Statics			3	not satisfied	
				0	16	<b>PROBLEM</b>

**JUNIOR YEAR**

**Fall Semester**

ME-UY 3333	Thermodynamics			3	not satisfied	
ME-UY 3211	Mechanics of Materials Lab			1	not satisfied	
ME-UY 3213	Mechanics of Materials			3	not satisfied	
ME-UY 3511	Measurement Systems Lab			1	not satisfied	
ME-UY 3513	Measurement Systems			3	not satisfied	
ME-UY 3223	Dynamics			3	not satisfied	
	HU/SS Elective			4	not satisfied	
				0	18	<b>PROBLEM</b>

**Spring Semester**

ME-UY 3233	Machine Design			3	not satisfied
------------	----------------	--	--	---	---------------

ME-UY 3311	Fluid Lab			1	not satisfied	
ME-UY 3313	Fluids			3	not satisfied	
ME-UY 3411	Controls Lab			1	not satisfied	
ME-UY 3413	Controls			3	not satisfied	
	STEM2			3	not satisfied	
				0	14	<b>PROBLEM</b>

**SENIOR YEAR**

**Fall Semester**

ME-UY 4112	Senior Design I			2	not satisfied	
ME-UY 4214	Finite Element Design, Modeling & Analysis			4	not satisfied	
ME-UY 4311	Heat Transfer Lab			1	not satisfied	
ME-UY 4313	Heat Transfer			3	not satisfied	
	HU/SS Elective			4	not satisfied	
	STEM2			3	not satisfied	
				0	17	<b>PROBLEM</b>

**Spring Semester**

ME-UY 4113	Senior Design II			3	not satisfied	
	Free Elective			3	not satisfied	
	Free Elective			3	not satisfied	
	Free Elective			3	not satisfied	
	HU/SS Elective			4	not satisfied	
				0	16	<b>PROBLEM</b>

1	COMPLETE ABOVE FORM				
2	CHECK GPA 2.000 OR ABOVE	0	131		<b>PROBLEM</b>

**Additional Courses :-**

**Minors / Concentrations :-**

**Humanities Total: 0**

Fall '18 to Spring '21

**ME UNDERGRADUTE CHECK LIST WITH AERO Minor**

STUDENT NAME =

STUDENT ID =

DATE =

CHECK IF PASSED	CHECK IF PRECLUDED BY TRANSFER CREDIT	CREDITS EARNED	CREDITS PER CATALOG
-----------------	---------------------------------------	----------------	---------------------

**FRESHMAN YEAR**

**Fall Semester**

EG-UY 1001	First Year Forum			1	not satisfied
EG-UY 1003	Introduction to Engineering & Design			3	not satisfied
MA-UY 1024	Calculus I OR			4	not satisfied
MA-UY 1324	Integrated Calculus I			4	not satisfied
CM-UY 1004	General Chemistry			4	not satisfied
EXPOS-UA 1	Writing The Essay			4	not satisfied
			0	16	<b>PROBLEM</b>

**Spring Semester**

MA-UY 1124	Calculus II OR			4	not satisfied
MA-UY 1424	Integrated Calculus II			3	not satisfied
PH-UY 1013	Mechanics			2	not satisfied
ME-UY 1012	Introduction to Mechanical Engineering			4	not satisfied
EXPOS-UA 2	Advanced College Essay			3	not satisfied
CS-UY 1133	Engineering Problem Solving & Programming			3	not satisfied
			0	16	<b>PROBLEM</b>

**SOPHOMORE YEAR**

**Fall Semester**

MA-UY 2034	Linear Algebra & Differential Equations			4	not satisfied
PH-UY 2023	Electricity, Magnetism and Fluids			3	not satisfied
PH-UY 2121	General Physics Lab I			1	not satisfied
MT-UY 2811	Materials Science Lab			1	not satisfied
MT-UY 2813	Introduction to Materials Science			3	not satisfied
	HU/SS Elective			4	not satisfied
ME-UY 2112	Computer Aided Design			2	not satisfied
			0	18	<b>PROBLEM</b>

**Spring Semester**

MA-UY 2114	Multi-Dimensional Calculus			4	not satisfied
MA-UY 2224	Data Analysis			4	not satisfied
PH-UY 2033	Waves, Optics and Thermodynamics			3	not satisfied
PH-UY 2131	General Physics Lab II			1	not satisfied
ME-UY 2211	Statics Lab			1	not satisfied
ME-UY 2213	Statics			3	not satisfied
			0	16	<b>PROBLEM</b>

**JUNIOR YEAR**

**Fall Semester**

ME-UY 3333	Thermodynamics			3	not satisfied
ME-UY 3211	Mechanics of Materials Lab			1	not satisfied
ME-UY 3213	Mechanics of Materials			3	not satisfied
ME-UY 3511	Measurement Systems Lab			1	not satisfied
ME-UY 3513	Measurement Systems			3	not satisfied
ME-UY 3223	Dynamics			3	not satisfied
	HU/SS Elective			4	not satisfied
			0	18	<b>PROBLEM</b>

**Spring Semester**

ME-UY 3233	Machine Design			3	not satisfied
------------	----------------	--	--	---	---------------

ME-UY 3311	Fluid Lab			1	not satisfied	
ME-UY 3313	Fluids			3	not satisfied	
ME-UY 3411	Controls Lab			1	not satisfied	
ME-UY 3413	Controls			3	not satisfied	
	HU/SS Elective			4	not satisfied	
				0	15	<b>PROBLEM</b>

**SENIOR YEAR**

**Fall Semester**

ME-UY 4112	Senior Design I			2	not satisfied	
ME-UY 4214	Finite Element Design, Modeling & Analysis			4	not satisfied	
ME-UY 4311	Heat Transfer Lab			1	not satisfied	
ME-UY 4313	Heat Transfer			3	not satisfied	
AE-UY 4603	Compressible Flow			3	not satisfied	
AE-UY 4653	Aircraft Flight Mechanics			3	not satisfied	
				0	16	<b>PROBLEM</b>

**Spring Semester**

ME-UY 4113	Senior Design II			3	not satisfied	
AE-UY 4633	Aerospace Propulsion			3	not satisfied	
AE-UY 4613	Aerodynamics			3	not satisfied	
	Free Elective			3	not satisfied	
	HU/SS Elective			4	not satisfied	
				0	16	<b>PROBLEM</b>

1	COMPLETE ABOVE FORM				
2	CHECK GPA 2.000 OR ABOVE	0	131		<b>PROBLEM</b>

**Additional Courses :-**

**Minors / Concentrations :-**

**Humanities Total: 0**

## Footnotes

---

<sup>1</sup> Students must take sixteen credits (four courses) of elective courses in the humanities and social sciences. Consult the [Department of Technology, Culture and Society](#) portion of the bulletin for details. At least one humanities and social sciences (HuSS) elective must be a 3xxx/4xxx level course. At least one humanities and social sciences elective must be a writing-intensive course, labeled by "W."

<sup>2</sup> STEM<sup>2</sup> electives are satisfied by the following courses:

- a) Any level 2 or higher course starting with the prefix AE-UY, BMS-UY, CBE-UY, CM-UY, CE-UY, CS-UY, ECE-UY, EG-UY, FIN-UY, DM-UY, MA-UY, ME-UY, MG-UY, PH-UY, ROB-UY, STS-UY, or VIP-UY
- b) Any graduate course starting with BE-GY, BI-GY, BT-GY, BTE-GY, CBE-GY, CM-GY, CE-GY, CS-GY, DM-GY, IE-GY, MG-GY, MA-GY, ME-GY, ROB-GY, or TR-GY
- Any course which satisfies Humanities credit must be in excess of the NYU Tandon 24 credit Humanities and Social Sciences (HuSS) requirement to be eligible for STEM<sup>2</sup> elective credit. Double-counting HuSS credit and STEM<sup>2</sup> credit is not permitted.

<sup>3</sup> A free elective is any course in any department of the University for which the student has the prerequisites. Free electives may include internships for credit (CP-UY 2xxx or Study Abroad courses). A total of six internship credits may be applied to the [BSME](#) degree. Letter graded and pass/fail approved internship courses are allowable. In general, all other Free Electives must be letter graded.