

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8
33130 Mathematics 1 6 CORE	48221 Engineering Computations 6 33130 M1 MAJ	33230 Mathematics 2 6 33130 M1 CORE	41200 Eng. Project Appraisal 6 48230 Int Eng Proj 42 CP CORE	41058 Dynamic Syst & Control A 6 41056 MMA OR 48640 Mach. Dyn. MAJ	41201 Design Sust Eng Proj 6 41200 Eng Proj App OR 48230 Int Eng Proj 21214 BSI OR 22208 ABS 60 CP CORE	41202 Professional Eng Comm 6 41201 DSEP 78 CP CORE	41203 Collaboration in Complex Proj 6 41202 Prof Eng Com OR 96 CP CORE
48230 Intro to Eng Proj 6 CORE	41053 Materials Manu Engineering A 6 48610 IME MAJ	41056 Machines & Mechanisms A 6 33230 M2 [C] 48610 IME 68037 Phys. Mod. 48221 Eng. Comp. OR 41039 Prog 1 MAJ	43014 Appl Mech and Design B 6 41054 AMD A OR 48620 FME OR 48321 Eng. Mech. MAJ	43015 Thermofluids B 6 41057 Thermo. A OR 48641 Fluid Mech. MAJ	41066 Mech Syst Design Studio 1 6 41060 MDFS 2 OR 41059 MDFS 1 OR 48600 MD1 43014 AMDB [C] OR 43015 Thermo. B [C] CORE	41029 Eng Research Preparation 6 48260 EPM 41048 PPR 2 144 CP MAJ	41030 Eng Capstone 6 41029 ERP MAJ
68037 Phys Mod 6 CORE	41054 App Mechanics Design A 6 48610 IME 33130 M1 MAJ	41057 Thermofluids A 6 33130 M1 68037 Phys. Mod. MAJ	37 MME Core - option 6 MAJ	43017 Machines and Mechanisms B 6 41056 MMA OR 48640 Mach. Dyn. 41059 MDFS 1 OR 48600 MD1 MAJ	Elective 6	41067 Mech Svst Design Studio 2 6 41059 MDFS 1 OR 48660 D&C OR 41060 MDFS 2 43014 AMDB [C] OR 43015 Thermo. B [C] MAJ	43019 Design in Mech and Mech Syst 6 41066 MSDS 1 OR 41067 MSDS 2 OR 41068 Robot Stu 1 OR 41069 Robot Stu 2 OR 48650 MD2 MAJ 48623 Mech. 2
48610 Intro to Mechanical Eng 6 MAJ	41099 Intro to Mechatr Engineering 6 MAJ	41059 Mech Design Fund Studio 1 6 48610 IME 41099 Int Mech Eng [C] OR 48510 IEEE 41053 MME A [C] OR 48621 Manu. Eng. MAJ	Elective 6	41060 Mech Design Fund Studio 2 6 41059 MDFS 1 41057 Thermo. A [C] OR 48641 Fluid Mech. MAJ	Elective 6	43018 Dynamic Syst & Control B 6 41058 DSC A OR 48660 D&C MAJ	Elective 6
		41035 Prof Prac Pre 1 3 48230 Int Eng Proj PP			41028 Eng Work Exp 41035 PPP1 PP	41055 Prof Exp Review 3 41028 EWE 41035 PPP1 PP	

**STM91887 Mechanical Engineering Core  
54cp**

<b>41057</b> <u>Thermofluids A</u> <b>6</b>	<b>43017</b> <u>Machines and Mechanisms B</u> <b>6</b>	<b>41066</b> <u>Mech Syst Design Studio 1</u> <b>6</b>
33130 <i>M1</i>	41056 <i>MMA</i> OR	41060 <i>MDFS 2</i> OR
68037 <i>Phys. Mod.</i>	48640 <i>Mach. Dyn.</i>	41059 <i>MDFS 1</i> OR
	41059 <i>MDFS 1</i> OR	48600 <i>MD1</i>
	48600 <i>MD1</i>	43014 <i>AMDB [C]</i> OR
		43015 <i>Thermo. B [C]</i>
MAJ	MAJ	MAJ
<b>43014</b> <u>Appl Mech and Design B</u> <b>6</b>	<b>43018</b> <u>Dynamic Syst &amp; Control B</u> <b>6</b>	<b>41067</b> <u>Mech Syst Design Studio 2</u> <b>6</b>
41054 <i>AMD A</i> OR	41058 <i>DSC A</i> OR	41059 <i>MDFS 1</i> OR
48620 <i>FME</i> OR	48660 <i>D&amp;C</i>	48660 <i>D&amp;C</i> OR
48321 <i>Eng. Mech.</i>		41060 <i>MDFS 2</i>
		43014 <i>AMDB [C]</i> OR
		43015 <i>Thermo. B [C]</i>
MAJ	MAJ	MAJ
<b>43015</b> <u>Thermofluids B</u> <b>6</b>	<b>41060</b> <u>Mech Design Fund Studio 2</u> <b>6</b>	<b>48221</b> <u>Engineering Computations</u> <b>6</b>
41057 <i>Thermo. A</i> OR	41059 <i>MDFS 1</i>	33130 <i>M1</i>
48641 <i>Fluid Mech.</i>	41057 <i>Thermo. A [C]</i> OR	
	48641 <i>Fluid Mech.</i>	
MAJ	MAJ	MAJ

**STM91885 Mechanical and Mechatronic Engineering Core  
54cp**

<b>48610</b> <u>Intro to Mechanical Eng</u> <b>6</b>	<b>41099</b> <u>Intro to Mechatr Engineering</u> <b>6</b>	<b>41059</b> <u>Mech Design Fund Studio 1</u> <b>6</b>
		48610 <i>IME</i>
		41099 <i>Int Mech Eng [C]</i> OR
		48510 <i>IEEE</i>
		41053 <i>MME A [C]</i> OR
		48621 <i>Manu. Eng.</i>
MAJ	MAJ	MAJ
<b>41054</b> <u>App Mechanics Design A</u> <b>6</b>	<b>41056</b> <u>Machines &amp; Mechanisms A</u> <b>6</b>	<b>43019</b> <u>Design in Mech and Mech Syst</u> <b>6</b>
48610 <i>IME</i>	33230 <i>M2 [C]</i>	41066 <i>MSDS 1</i> OR
33130 <i>M1</i>	48610 <i>IME</i>	41067 <i>MSDS 2</i> OR
	68037 <i>Phys. Mod.</i>	41068 <i>Robot Stu 1</i> OR
	48221 <i>Eng. Comp.</i> OR	41069 <i>Robot Stu 2</i> OR
	41039 <i>Prog 1</i>	48650 <i>MD2</i>
MAJ	MAJ	MAJ
<b>41053</b> <u>Materials Manu Engineering A</u> <b>6</b>	<b>41058</b> <u>Dynamic Syst &amp; Control A</u> <b>6</b>	<b>37</b> <u>MME Core - option</u> <b>6</b>
48610 <i>IME</i>	41056 <i>MMA</i> OR	
	48640 <i>Mach. Dyn.</i>	
MAJ	MAJ	MAJ

**Mech&Mech Core - option**  
Choose one from option

<b>41301</b> <u>Industrial Engineering</u> <b>6</b>
MAJ
<b>41302</b> <u>Additive Manufacturing 1</u> <b>6</b>
68037 <i>Phys. Mod.</i>
41053 <i>MME A</i> OR
48621 <i>Manu. Eng.</i>
MAJ

