

# Bachelor of Science – Engineering Management

Advising check sheet – 2023-2024 Wilkes University Bulletin

Course	Cr.	Course Name	Term	Grade
ENG 101	4	Composition		
FYF 101	3	First-Year Foundations		

### Area I - The Humanities (9 Cr.) [3 courses]

Course	Cr.	Course Name	Term	Grade
ENG 120	3	English		
HST 101	3	History		
any single 100 level PHL	3	Philosophy		
Foreign Lang	3			

### Area II - The Scientific World (6 Cr.) Satisfied by major

### Area III - The Social Sciences (6 Cr.) [2 courses]

Course	Cr.	Course Name	Term	Grade
ANT 101	3	Anthropology		
EC 102**	3	Economics		
PS 111	3	Political Science		
PSY 101	3	Psychology		
SOC 101	3	Sociology		

\*\*Required in major – student must choose EC 102 plus 1 more.

### Area IV - The Visual and Performing Arts (3 Cr.) [1 course]

Course	Cr.	Course Name	Term	Grade
ART 101 / 140/141/241 or IM 101	3	Art		
DAN 100	3	Dance		
MUS 101	3	Music		
THE 100	3	Theater		
General Education Requirements			25 Cr.	

### Skill Requirements

#### Computer Literacy

CS115/higher Or 2 CI Courses	Satisfied by EGR 222 & EGR 140 Computer Intensive courses
---------------------------------	--

#### Oral Communication

COM 101 or 2 OPO Courses	Satisfied by EGR 391-392 Capstone Senior Design courses
-----------------------------	--

#### Quantitative Reasoning

MTH 101 or higher	Satisfied by MTH 111
-------------------	----------------------

Freshman	Sophomore	Junior	Senior
General Education Requirements			25 Credits
Science and Math Requirements			27 Credits
Engineering Professional Development and Technical Electives			8 Credits
*MFA – Business and Finance courses			15 Credits
*MFA – Engineering courses			55 Credits

**Total 130 Credits**

Student: \_\_\_\_\_

WIN: \_\_\_\_\_

Advisor: \_\_\_\_\_

Course	Cr.	Course Name	Term	Grade
EGR 180	1	CADD Lab		
CHM 118	3	Chemistry for Engineers		
CHM 117	1	Chemistry Lab for Eng.		
MTH 111	4	Calculus I		
EGR 140	3	Scientific Programming		
EGR 200	3	Materials Science		
MTH 112	4	Calculus II		
PHY 201	3	General Physics I		
PHY 204	1	General Physics I Lab		
MTH 211	4	Intro. to Ord. Diff. Eqns.		
PHY 202	3	General Physics II		
PHY 205	1	General Physics II Lab		
EE 211	3	Electrical Circuits & Dev.		
EE 283	1	Elect. Engineering Lab		
ME 231	3	Statics		
EGR 222	3	Mechatronics		
ME 232	3	Strength of Materials		
EGM 320	3	Eng. Project Management		
MTH 150	3	Elementary Statistics		
BA 335	3	Law and Business		
ME 175	1	Machining		
ME 333	3	Machine Design		
BA 153	3	Management Foundations		
ME 215	3	Manufacturing Processes		
FIN 240	3	Intro. To Finance		
ACC 161	3	Fin. Acctng & Dec. Making		
EGR 201	1	Professionalism and Ethics		
ME 322	3	Thermodynamics		
EGM 321	3	Quantitative Analysis		
MGT 251	3	Mgmt. Organiz. & People		
EGM 399	3	Co-op or Tech. Elective		
EGM 336	3	Eng. & Mgmt Models		
EGM 325	3	Project Analysis		
EGM 315	3	Quality Management		
EGR 202	1	Eng. Professional Dev. I		
EGR 391	1	Senior Projects I		
EGM 310	3	Project Decision Processes		
Tech. Elec.	3			
EGM 322	3	Operations Analysis		
EGR 203	1	Eng. Professional Dev. II		
EGR 392	2	Senior Projects II		
*Major Field Average (MFA) -			70 Credits	
Cumulative GPA –			Total 130 Credits	