

# Bachelor of Science in Engineering - Mechanical Engineering 2016-2017 Catalog

Name: \_\_\_\_\_

ID #: \_\_\_\_\_

**UNLV General Education Core (30-36 Credits)**

**English: 6 Credits**

|          | SEM | CRED | GRADE |
|----------|-----|------|-------|
| ENG 101* |     | 3    |       |
| ENG 102* |     | 3    |       |

**First Year Seminar: 2-3 Credits**

EGG 101/L Recommended

|  | SEM | CRED | GRADE |
|--|-----|------|-------|
|  |     |      |       |

**Second Year Seminar: 3 Credits**

\*\*\*Phil 242 satisfies SYS & Humanities  
for Engineering students only

|  | SEM | CRED | GRADE |
|--|-----|------|-------|
|  |     | 3    |       |

**Constitution: 4-6 Credits**

Choose from: PSC 101, HIST 100, HIST 101+102,  
or HIST 101 + (HIST 217 or PSC 100)

|  | SEM | CRED | GRADE |
|--|-----|------|-------|
|  |     |      |       |

**Social Science: 9 Credits\*\***

Must be from 3 different areas

|          | SEM | CRED | GRADE |
|----------|-----|------|-------|
| ECON 102 |     | 3    |       |
| EGG 307  |     | 3    |       |
| *        |     | 3    |       |

**Fine Arts: 3 Credits\*\***

\*\*Choose from approved list in catalog

|  | SEM | CRED | GRADE |
|--|-----|------|-------|
|  |     | 3    |       |

**Humanities: 6 Credits\*\***

Must be from 2 different areas

|             | SEM | CRED | GRADE |
|-------------|-----|------|-------|
| ***PHIL 242 |     | 3    |       |
| *           |     | 3    |       |

**Departmental Requirements: 92 Credits**

**Math/Science: 30 Credits**

|            | SEM | CRED | GRADE |
|------------|-----|------|-------|
| CHEM 121A* |     | 3    |       |
| CHEM 121L* |     | 1    |       |
| MATH 181*  |     | 4    |       |
| MATH 182*  |     | 4    |       |
| MATH 283   |     | 4    |       |
| MATH 431   |     | 3    |       |
| ME 402     |     | 3    |       |
| PHYS 180*  |     | 3    |       |
| PHYS 180L* |     | 1    |       |
| PHYS 182*  |     | 3    |       |
| PHYS 182L* |     | 1    |       |

**Math/Science Elective: 3 Credits**

Choose one of the following:

|           | SEM | CRED | GRADE |
|-----------|-----|------|-------|
| MATH 432  |     | 3    |       |
| MATH 488  |     | 3    |       |
| MATH 4XX^ |     | 3    |       |
| STAT 463  |     | 3    |       |

**Engineering Science: 34 Credits**

|          | SEM | CRED | GRADE |
|----------|-----|------|-------|
| CEE 241* |     | 3    |       |
| ME 242*  |     | 3    |       |
| EE 292   |     | 3    |       |
| ME 301   |     | 3    |       |
| ME 302   |     | 3    |       |
| ME 302L  |     | 1    |       |
| ME 330   |     | 2    |       |
| ME 319/L |     | 2    |       |
| ME 380   |     | 3    |       |
| ME 380L  |     | 1    |       |
| ME 311   |     | 3    |       |
| ME 314   |     | 3    |       |
| ME 315   |     | 1    |       |
| ME 453   |     | 3    |       |

**Design and Analysis: 19 Credits**

|                 | SEM | CRED | GRADE |
|-----------------|-----|------|-------|
| ME 220, or 240* |     | 1    |       |
| ME 320          |     | 3    |       |
| ME 337          |     | 3    |       |
| ME 337L         |     | 1    |       |
| ME 421          |     | 3    |       |
| ME 421L         |     | 1    |       |
| ME 440          |     | 3    |       |
| ME 497          |     | 2    |       |
| ME 498          |     | 2    |       |

**ME Upper-Level Electives: 6 Credits**

Choose from Approved Department List

|  | SEM | CRED | GRADE |
|--|-----|------|-------|
|  |     | 3    |       |
|  |     | 3    |       |

**NOTES:**

\* = These courses must be completed with a "C" or higher to obtain "Advanced Standing" in the major

\*\* = A 3-credit international and 3-credit multicultural class must be completed per UNLV GEN ED. requirements

^Course must be approved by Advisor

Math 466/467 not allowed

**Total Credits: 122-128**