| Major Requirements: 66 - 68 Credits |  |  |
| :--- | :---: | :---: |
| Course Number | Credits | Course Status Code <br> M, R, P, WVD, SUB* |
| CEE 1000 | 1 |  |
| CEE 1001 | 1 |  |
| CEE 3101 | 3 |  |
| CEE 3331 | 2 |  |
| CEE 3710 or MA 3710 | 3 |  |
| CEE 3810 | 4 |  |
| CH 1150 | 3 |  |
| CH 1151 | 1 |  |
| EC 3400 | 3 |  |
| ENG1101 or | $3 / 4$ |  |
| ENG1001 \& ENG1100 | 3 |  |
| ENG 1102 | 4 |  |
| ENG 3200 | 3 |  |
| GE 2000 | $4 / 5$ |  |
| MA 1160 OR MA 1161 | 4 |  |
| MA 2160 | 2 |  |
| MA 2320 or MA 2321 | 4 |  |
| MA 3160 | 3 |  |
| MA 3520 or MA 3521 | 2 |  |
| MEEM 2110 | 3 |  |
| MEEM 2150 | 3 |  |
| PH 1100 | 3 |  |
| PH 1200 | 3 |  |
| PH 2100 | 2 |  |
| PH 2200 |  |  |
| SU 2000 |  |  |
|  |  |  |
| Credit Subtotal |  |  |


| Concentration Requirements: 9 Credits |  |  |  |
| :--- | :---: | :---: | :---: |
| Course Number | Credits | Course Status Code <br> M, R, P, WVD, SUB* |  |
| Enterprise Requirement (6 credits) |  |  |  |
| ENT 3950 | 1 |  |  |
| ENT 3960 | 1 |  |  |
| ENT 4950 | 2 |  |  |
| ENT 4960 | 2 |  |  |
| ENT Modules (3 credits) |  |  |  |
|  |  |  |  |
|  | 1 |  |  |
|  | 1 |  |  |


| Engineering Science Electives (3 credits) |  |  |
| :--- | :---: | :--- |
| BE 2700 | 3 |  |
| CM 2110 | 3 |  |
| CM 2200 | 3 |  |
| EE 3010 | 3 |  |
| MSE 2100 | 3 |  |
| MEEM 2201 | 3 |  |
| MEEM 2700 | 3 |  |

## Choose a Pathway with your Academic Advisor

The options on page two represent 24-27 of the required credits for your degree. In consultation with your advisor you will choose one of four options:

General: 26 credits
Water Resources: 25 credits
Transportation: 24 to 25 credits
Built Infrastructure: 25 to 27 credits
*M-Passed with valid grade, transfer, or Advance Placement credit; Registered in course; Plan to take in future, WVD-Waived course or credit (does not reduce total degree credits required), SUB-Petitioned as substitute course.

Option Requirements: 24-27 Credits
Course Number

## Credits

 Course Status Code M, R, P, WVD, SUB*Option 1: General (26 Credits)

| Required CEE Core Courses (16 credits) |  |  |  |
| :--- | :---: | :---: | :---: |
| CEE 3202 | 3 |  |  |
| CEE 3332 | 3 |  |  |
| CEE 3401 | 3 |  |  |
| CEE 3503 | 3 |  |  |
| CEE 3620 | 4 |  |  |
| Required Design Courses (4 credits) |  |  |  |
| CEE 4213 | 4 |  |  |
| CEE 4223 | 4 |  |  |
| Professional Electives (6 credits) |  |  |  |
|  |  |  |  |
|  |  |  |  |

Option 2: Water Resources ( 25 Credits)

| Required CEE Core Corses (7 credits) |  |  |
| :--- | :---: | :--- |
| CEE 3503 | 3 |  |
| CEE 3620 | 4 |  |
| Select 1 course from the following (3 credits) |  |  |
| CEE 3202 | 3 |  |
| CEE 3332 | 3 |  |
| CEE 3401 | 3 |  |
| Required Design Course (3 credits) |  |  |
| CEE 4620 | 3 |  |
| CEE 4640 | 3 |  |
| CEE 4665 | 3 |  |
| Water Resources Electives (12 credits) |  |  |
| CEE 4502 | 3 |  |
| CEE 4503 | 3 |  |
| CEE 4505 | 3 |  |
| CEE 4507 | 3 |  |
| CEE 4620 | 3 |  |
| CEE 4640 | 3 |  |
| CEE 4665 | 3 |  |
| CEE 5620 | 3 |  |
| CEE 5666 | 3 |  |
| GE 3850 | 3 |  |
| GE 4800 | 3 |  |
|  |  |  |

Option Requirements: 24-27 Credits

| Course Number | Credits | Course Status Code <br> M, R, P, WVD, SUB* |
| :--- | :--- | :--- |

Option 3: Transportation (24-26 Credits)

| Required CEE Core Courses ( 6 credits) |  |  |
| :--- | :---: | :--- |
| CEE 3332 | 3 |  |
| CEE 3401 | 3 |  |

Select 1 course from the following (3-4 credits)

| CEE 3202 | 3 |  |
| :--- | :---: | :---: |
| CEE 3503 | 3 |  |
| CEE 3620 | 4 |  |
| Required Design Course (3-4 credits) |  |  |
| CEE 4401 | 3 |  |
| CEE 4407 | 4 |  |
| Transportation Electives (12 credits) |  |  |
| CEE 4333 | 3 |  |
| CEE 4344 | 3 |  |
| CEE 4401 | 3 |  |
| CEE 4402 | 3 |  |
| CEE 4404 | 3 |  |
| CEE 4406 | 3 |  |
| CEE 4407 | 4 |  |
| CEE 4410 | 3 |  |

Option 4: Built Infrastructure (25-27 Credits)

| Required CEE Core Courses (10 credits) |  |  |
| :--- | :---: | :---: |
| CEE 3202 | 3 |  |
| CEE 3332 | 3 |  |
| CEE 3620 | 4 |  |
| Required Design Course (3 - 4 credits) |  |  |
| CEE 4213 | 4 |  |
| CEE 4223 | 4 |  |
| CEE 4820 | 3 |  |
| Built Infrastructure Electives (12 - 14 credits) |  |  |
| CEE 4020 | 3 |  |
| CEE 4201 | 3 |  |
| CEE 4213 | 4 |  |
| CEE 4223 | 4 |  |
| CEE 4233 | 3 |  |
| CEE 4244 | 3 |  |
| CEE 4333 | 3 |  |
| CEE 4344 | 3 |  |
| CEE 4820 | 3 |  |
| CEE 4830 | 3 |  |
| CEE 4850 | 3 |  |
| CEE 5212 | 3 |  |
| CEE 5213 | 3 |  |



Courses used to complete General Education may not be used to complete other degree requirements.

| Core: 12 Credits |  |  |  |  |
| :--- | :---: | :--- | :---: | :---: |
| UN 1015 | 3 |  |  |  |
| UN 1025 or upper level <br> modern language | 3 |  |  |  |
| Critical and Creative <br> Thinking | 3 |  |  |  |
| Social Responsibility and <br> Ethical Reasoning | 3 |  |  |  |
| HASS: 12 Credits |  |  |  |  |
| $\checkmark$ Students must complete 12 credits of HASS course work <br> $\checkmark$ six of the 12 credits must be at the 3000- or 4000- level* |  |  |  |  |
| $\checkmark$At least three credits each in the following: Communication/Comp, |  |  |  |  |
| Humanities and Fine Arts, and Social \& Behavioral Sciences. <br> $\checkmark$ No more than three credits may come from the Restricted List |  |  |  |  |
| Communication/ <br> Composition | minimum <br> 3 |  |  |  |
| Humanities and Fine Arts | minimum <br> 3 |  |  |  |
| Social and Behavioral <br> Sciences | minimum <br> 3 |  |  |  |
| Course from any list <br> above or Restricted List | $0-3$ |  |  |  |

*an upper division language course in place of UN1025 does not meet this requirement.

## Co-Curricular Activities: 3 Credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.

|  |  |  |
| :--- | :--- | :--- |
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|  |  |  |
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Free Electives: 0-5 Credits

| Course Number | Credits | Course Status Code <br> $\mathbf{M}, \mathrm{R}, \mathrm{P}$, WVD, SUB* |
| :---: | :--- | :--- |
|  |  |  |
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Advisor Use Only
Total Credits Required Total Credits Completed Total Credits Needed

