| CEEGR | Bachelor of Science in Civil Engineering | TYPICAL JUNIOR TRANSFER PROGRAM OF STUDY | 2014-201 |
|---|---|---|---|

| DEGREE REQUIREMENTS | CURRICULUM NOTES |
|---|---|
| **Credits**: minimum of 192 credits<br>**Credits in major**: 146<br>**GPA cumulative minimum**: 2.5<br>**GPA major minimum:** 2.5 | • *Choose CEEGR 3260 – Transportation Engr., CEEGR 3280 – Timber Design, CEEGR 3760 – Environmental Law, **or** CEEGR 3860 – Green En<br>• **Choose CEEGR 4550 – Foundation Design **or** CEEGR 4720 – Water Resources II.<br>• ***Choose CEEGR 4470 – Structural Design I and CEEGR 4490 – Structural Design II **or** CEEGR 4740 – Water/Wastewater Engr and CEEGR 4 – Hazardous Waste Engr.<br>• Shown with 102 credits including 1 credit free elective to meet 192 required credits.<br>• Fundamentals of Engineering (FE) examination is required for graduation.<br><br>**For complete information on courses, prerequisites, etc, use this information in conjunction with the online Cata (http://catalog.seattleu.edu/) for the current year.** |

***This example assumes that you enter Seattle University with junior standing (90 credits), have earned a transferable associate's degree (DTA), and have successfully completed the following:***
***CHEM 1500/1501, MEGR 2100, MEGR 2300, MATH 1334, MATH 1335, MATH 1336, MATH 2330, MATH 2320, MATH 2340, PHYS 1210, PHYS 1220, and PHYS 1230.***

**Students with AST may have additional core requirements depending on community college coursework.**

***Your personal program may vary from this due to prior educational experience or individual goals.***

| | FALL | | WINTER | | SPRING | |
|---|---|---|---|---|---|---|
| JUNIOR | CEEGR 2220 – Mechanics of Matl. Lab | 1 | CEEGR 3020 – Global Engr. Economics | 3 | CEEGR 3420 – Environ. Engr. Chem. | 4 |
| | CEEGR 2500 – Residential Design | 3 | CEEGR 3230 – Mechanics of Matl. II | 4 | CEEGR 3710 – Water Resources I | 4 |
| | CEEGR 3310/3370 – Fluid Mechanics/Lab | 5 | CEEGR 3350 – Applied Hydraulics | 4 | CEEGR 4550** or UCOR 2XXX | 4 or |
| | CEEGR 3510 – Engr. Geology | 4 | CEEGR 3530 – Soil Mechanics | 5 | MATH 2310 – Probability and Statistics | 5 |
| | MEGR 2810 – Engr. Methods | 4 | CEEGR 3260, 3280, 3760 or 3860* | 3 | | |
| SENIOR | CEEGR 4450 – Structural Mechanics | 5 | CEEGR 4470 or 4740*** | 4 | CEEGR 3110 – Engr. Measurements | 5 |
| | CEEGR 4720** or UCOR 2XXX University Core | 4 or 5 | CEEGR 4880 – Engr. Design II | 4 | CEEGR 4490 or 4750*** | 4 |
| | CEEGR 4730 – Prin. of Environ. Engr. | 5 | UCOR 2XXX University Core | 5 | CEEGR 4890 – Engr. Design III | 3 |
| | CEEGR 4870 – Engr. Design I | 3 | Free Elective | 1 | UCOR 2XXX University Core | 5 |
| | | | | | | |

| CORE MODULE II REQUIREMENTS | CORE MODULE III REQUIREMENTS | |
|---|---|---|
| UCOR 2100 Theological Explorations | UCOR 3600-3640 Social Sciences Global Challenge – **sat in major** | |
| UCOR 2500 Philosophy of the Human Person | | |
| UCOR 2900-2940 Ethical Reasoning | | |
| | | |

**COLLEGE OF SCIENCE & ENGINEERING**
**Advising Center, ENGR 300**

**Work closely with your academic advisor to plan your progran study and the other co-curricular components of your educatio p**