

# AOE ELECTIVE CHECK SHEET

AE and OE majors are required to take 34 credits of electives. This includes nine credits of technical electives, a three credit Math elective (OE majors must take STAT 4705 as their math elective), and twenty two other credits including Areas 2, 3, 6, and 7 of the University Core Curriculum and three to eight credits of “free electives”. All electives except “free electives” must be taken for a grade unless the course is offered P/F only.

**TECHNICAL ELECTIVES:** *Six credits must be 3000 level or higher AOE courses which are not otherwise required in the student’s major and three credits can be 3000 level or higher courses in or out of AOE from the AOE Technical Elective List.*

<b>AOE Technical Electives:</b>	_____ , _____	<b>6 cr</b>
<b>Other Tech. Electives:</b>	_____	<b>3 cr</b>

**NOTE:** AOE students pursuing a double major will use required courses from their second major to fill the above elective slots

<b>MATH ELECTIVE:</b> <i>MATH 4574, AOE 4404, OR STAT 4705</i> <i>(STAT 4705 is required for Ocean Engineering majors)</i>	_____ <b>3 cr</b>
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**CORE, COMPUTER, AND FREE ELECTIVES:**

<b>Area 2:</b>	_____ , _____	<b>6 cr</b>
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<b>Area 3: (include Econ 2005 or add ISE 2014 as extra requirement)</b>	_____ , _____	<b>6 cr</b>
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<b>Area 6: (one credit required, excess credits should be listed as “free” elective)</b>	_____	<b>1 cr</b>
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<b>Area 7 or “Free” Elective</b> (This space can be filled with a “free” elective if an Area 7 course was used in Areas 2 or 3)	_____	<b>3 cr</b>
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<b>Programming Elective: CS 1044, ENGE 2314, ENGE 2324</b>	_____	<b>1 - 3 cr or</b>
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<b>“Free” Electives</b>	_____ , _____	<b>3 - 5 cr</b>
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(Free electives can include any course taught by the university which does not duplicate required courses or electives or *which is not otherwise defined as not counting for graduation in engineering. See the list of these above.*)

<b>TOTAL ELECTIVES</b>	_____ <b>34 cr</b>
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