

**Franklin W. Olin College of Engineering  
Certificate in Engineering Studies  
Supplemental Documents for Wellesley College**

**Presently Approved Home Institution Courses that  
Earn Credit toward the Olin Certificate**

At most one course taken at a student's home institution covering equivalent material may substitute for an Olin course, whether or not it is used to also satisfy other requirements at the home institution. Other course substitutions will be considered upon request. Questions should be directed to the Olin disciplinary advisor or the Certificate Program Coordinator.

<b>Wellesley Course</b>	<b>Substitutes for Olin Course</b>
Extra-departmental 160 Introduction to Engineering Science	ENGR1200 Design Nature
CS 230 Data Structures	ENGR 2510 Software Design
CS 343 Advanced Computer Organization and Design with Laboratory	ENGR 3410 Computer Architecture

## Example Course Plans

*Other course plans may be available upon request*

### Wellesley College Physics Major + Olin Mechanical Engineering Certificate

(Olin courses in bold)

The following plan allows students time to take four units of foreign language and have two units free. These free units could be used to take two units of physical education.

Year				
1	Physics 107	Math 116	Psychology	Writing 125
	Physics 108	Math 205	Africana Studies	Mathlab (CS 112)
2	Physics 202	Math 215	Spanish I	<b>ENGR2100</b>
	Physics 203	Math 216	Spanish II	<b>ENGR3320</b>
3	Physics 302	Physics 219	Spanish III	<b>ENGR3330</b>
	Physics 305	English	Spanish IV	<b>ENGR3370</b>
4	Physics 306	Art History	Acting	
	Physics 314	Philosophy		<b>ENGR3390</b>

The following plan assumes a student with some proficiency in a foreign language, yet leaves space to take two units of physical education.

Year				
1	Physics 107	Math 116	Geology	Writing 125
	Physics 108	Math 205	Psychology	Mathlab (CS 112)
2	Physics 202	Math 215	English	<b>ENGR2100</b>
	Physics 203	Math 216	Africana Studies	<b>ENGR3320</b>
3	Physics 302	Physics 219	Spanish III	<b>ENGR3330</b>
	Physics 305	Physics Independent Study	Spanish IV	<b>ENGR3370</b>
4	Physics 306	Art History	Acting	
	Physics 314	Philosophy		<b>ENGR3390</b>

The following plan assumes a student with some proficiency in a foreign language who participates in organized athletics to satisfy the physical education requirement. This plan also gives the student a chance to participate in Olin's Senior Capstone experience.

Year				
1	Physics 107	Math 116	Geology	Writing 125
	Physics 108	Math 205	Psychology	Mathlab (CS 112)
2	Physics 202	Math 215	English	<b>ENGR2100</b>
	Physics 203	Math 216	Africana Studies	<b>ENGR3320</b>
3	Physics 302	Physics 219	Spanish III	<b>ENGR3330</b>
	Physics 305	Physics Independent Study	Spanish IV	<b>ENGR3370</b>
4	Physics 306	Art History	Acting	<b>ENGR4190*</b>
	Physics 314	Philosophy	<b>ENGR3390</b>	<b>ENGR4190*</b>

*\*ENGR4190 is the Senior Consulting Program in Engineering, the Olin Senior Capstone.*