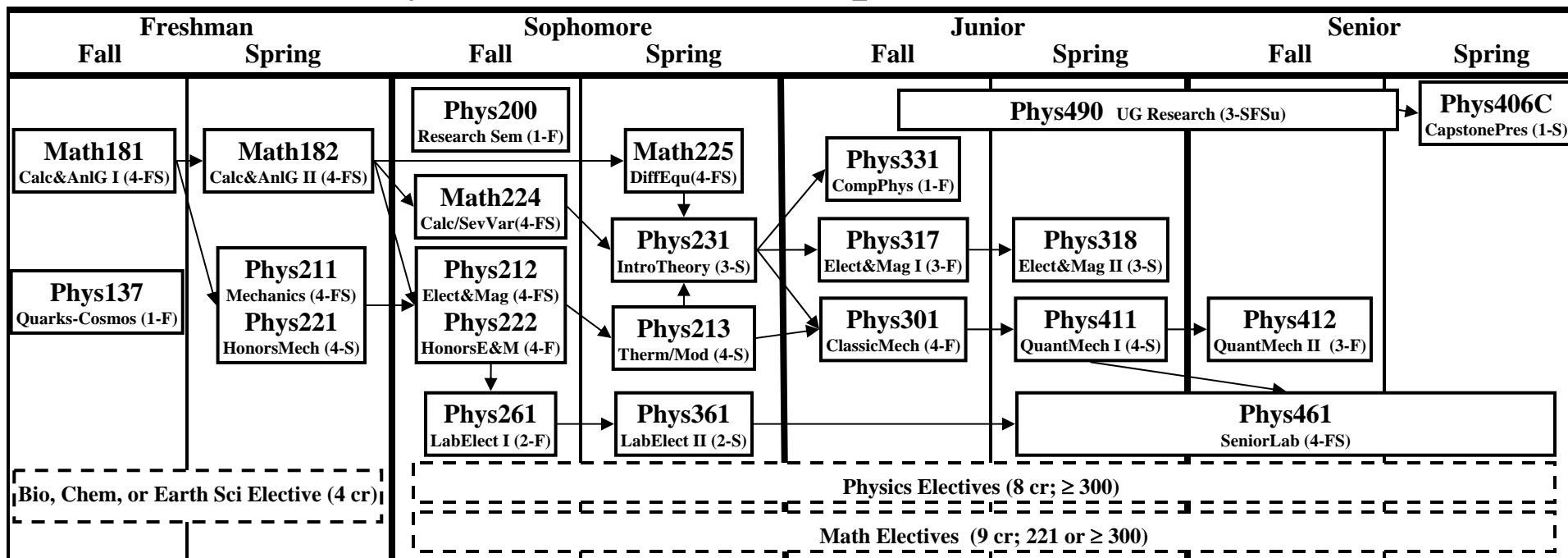


Physics Professional Option (2006-2008)



Physics and Math Electives: Suggested electives. See catalog for other electives

<p>Math Electives (221 or ≥ 300)</p> <table style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">Fall</th> <th style="text-align: center;">Spring</th> </tr> <tr> <td style="border: 1px dashed black; padding: 2px;"> Math328 Discrete (3-F) Math333 LinAlg (3-F) Math348 TechAppl I (3-F) Math361 AdvCalc I (3-F) </td> <td style="border: 1px dashed black; padding: 2px;"> Math329 Matrix (3-S) Math349 Tech/Appl II (3-S) Math362 AdvCalc II (3-S) Math416 ModAlg (3-S) </td> </tr> <tr> <th colspan="2" style="text-align: center;">Fall & Spring</th> </tr> <tr> <td colspan="2" style="border: 1px dashed black; padding: 2px;"> Math221 Matrix (3-FSSu) </td> </tr> </table> <p>Other Physics Electives: <300 and P/F</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Phys253 Photograph (2-F)</td> <td style="width: 50%; padding: 2px;">Physics 400 Seminars (1-FS) - P/F</td> </tr> <tr> <td colspan="2" style="padding: 2px;">Phys270,289R,290R Indep study/Research (SFSu)</td> </tr> </table>	Fall	Spring	Math328 Discrete (3-F) Math333 LinAlg (3-F) Math348 TechAppl I (3-F) Math361 AdvCalc I (3-F)	Math329 Matrix (3-S) Math349 Tech/Appl II (3-S) Math362 AdvCalc II (3-S) Math416 ModAlg (3-S)	Fall & Spring		Math221 Matrix (3-FSSu)		Phys253 Photograph (2-F)	Physics 400 Seminars (1-FS) - P/F	Phys270,289R,290R Indep study/Research (SFSu)		<p>Physics Electives (≥ 300)</p> <table style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">Fall</th> <th style="text-align: center;">Spring</th> </tr> <tr> <td style="border: 1px dashed black; padding: 2px;"> Phys311 SolarAstro (4-F) Phys441 SolidState (3-F-a06) Phys451 ElementPart (3-F_a06) </td> <td style="border: 1px dashed black; padding: 2px;"> Phys312 IntroAstro (4-S-a09) Phys341 Relativity (1-S-a07) Phys353 Holography (3-S) Phys425 ThermoStat (3-S-a07) Phys426 ModernOptics (3-S-a08) Phys427 LaserAppl (3-S-a07) Phys435 Astrophysics (3-S-a08) Phys442 NovelMaterials (3-S_a07) </td> </tr> <tr> <th colspan="2" style="text-align: center;">Fall & Spring</th> </tr> <tr> <td colspan="2" style="border: 1px dashed black; padding: 2px;"> Phys470,489 Ind. study/Research (On demand, SFSu) Physics 400-Seminars (1-FS) Not P/F </td> </tr> </table>	Fall	Spring	Phys311 SolarAstro (4-F) Phys441 SolidState (3-F-a06) Phys451 ElementPart (3-F_a06)	Phys312 IntroAstro (4-S-a09) Phys341 Relativity (1-S-a07) Phys353 Holography (3-S) Phys425 ThermoStat (3-S-a07) Phys426 ModernOptics (3-S-a08) Phys427 LaserAppl (3-S-a07) Phys435 Astrophysics (3-S-a08) Phys442 NovelMaterials (3-S_a07)	Fall & Spring		Phys470,489 Ind. study/Research (On demand, SFSu) Physics 400-Seminars (1-FS) Not P/F	
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Required Courses	Course# CourseName (# of Credits-Semester Offered)	See catalog for pre-requisites for elective courses.
Required Elective Credits	F=Fall S=Spring Su=Summer aYY =alternate years YY=year offered	Note: Phys301 has the option of Phys231 or Math 348 as a pre-req. 2 credits of 490 must be completed before taking Phys406C.
Suggested Electives	Co-Req	A minimum of 120 total credits is required for graduation; 42 credits must be numbered ≥300.
Pre-Req	Course	C- or better is required for all required courses. D-, D, D+, and P credits only count towards electives and 120 total credits.