

Sample ANR schedule - Automation for Agriculture

*This schedule is an example for a student interested in automation and working with plants. Replace plant and hydrology courses with animal-focused courses for animal agriculture (including aquaculture).*

	Fall	Winter	Spring	
<b>First Year</b>				
MAT 21A	4	MAT 21B	4	MAT 21C 4
EBS 1	4	ENG6 or ECS 32A	4	CHE 2B 5
UWP 1	4	CHE 2A	5	PHY 9A 5
GE	4	GE	4	
	16		17	14 Total Units
<b>Second Year</b>				
MAT 21D	4	*MAT 22A	3	*MAT 22B 3
PHY 9B	5	PHY 9C	5	ENG 17 4
BIS 2A	5	EBS 75	4	ENG 3 4
ENG 35	4	BIS 2B	5	GE 4
	18		17	15 Total Units
<b>Third Year</b>				
CHE 8A	2	CHE 8B	4	EBS 125 4
ENG 105	4	ENG 100	3	ENG 104 4
STA 100	4	ENG 103	4	UD Comp 4
ENG 102	4	EBS 130	4	HYD 124 4
	14		15	16 Total Units
<b>Fourth Year</b>				
EBS 165	4	EBS 170 B/BL	3	EBS 170 C/CL 3
EBS 170A	3	ENG 106	3	EBS 189A* 4
EBS127	4	GE	4	EBS 189A* 4
EBS 144	4	GE	4	GE 4
	15		14	15 Total Units

**Total Units with GEs = 186 or 188**  
162

Bio/Life Sci Electives (9 units required)

HYD 124	Plant-Water-Soil Relationships	4
BIS 2B	Introduction to Biology: Principles of Ecology and Evoluti	5
		<u>9 units</u>

EBS/ENG Elective (12 units required)

EBS 144	Groundwater Hydrology	4
EBS189A**	Special Topics: Automation for Biological Systems	4
EBS 189A**	Special Topics: Machine Learning for Biological Systems	4
		<u>12 units</u>

\*MAT 27A and MAT 27B are encouraged in place of MAT 22A and MAT 22B

\*\* Slated to be a regular course with a new course number