

Undergraduate Program Name: Mathematics, BS (2021)

Graduate Program Name: Information Systems MSIS

Double Counted Courses:

Double Owl Scholars will NOT take the following Mathematics, BS courses:	In their place, Double Owl Scholars will take the following Information Systems MS courses:
Related Studies	IS 7005 Informatics
Related Studies	IS 7060 Database Application Design and Implementation
Related Studies	IS 7080 IS Development Methods and Technologies

Additional Recommendation¹:

Double Owl Scholars will NOT take the following Mathematics, BS courses:	In their place, Double Owl Scholars will take the following Information Systems MS courses:
MATH Elective	IS 3100

¹ The Department of Mathematics is creating a program change to the Mathematics BS that will allow this course in the concentration requirements for all concentrations. This course will provide foundational knowledge to facilitate success in the graduate IS courses.

Undergraduate Program Name: Mathematics, BS, with Concentration in Pure Mathematics (2021)
Graduate Program Name: Information Systems MSIS

Double Owl Scholars will NOT take the following Mathematics, BS courses:	In their place, Double Owl Scholars will take the following Information Systems MS courses:
Related Studies	IS 7005 Informatics
Related Studies	IS 7060 Database Application Design and Implementation
Related Studies	IS 7080 IS Development Methods and Technologies

Year 1 - Fall	Credits	Year 1 - Spring	Credits
GenEd A1 (ENGL 1101)	3	GenEd A1 (ENG 1102)	3
GenEd A2 (MATH 1113)	3	GenEd B2	3
GenEd B1 (ECON 1000)	2	GenEd D1 (MATH 1190)	4
GenEd C1	3	GenEd E2	3
GenEd E1	3	CSE 1321/L	4
<i>Total</i>	<i>14</i>	<i>Total</i>	<i>17</i>
Year 2 - Fall	Credits	Year 2 - Spring	Credits
MATH 2202	4	MATH 2203	4
SCM 2000	3	MATH 2390	3
GenEd C2	3	MATH 2306	3
GenEd D2	4	GenEd D2	4
GenEd E3	3	GenEd E4	3
<i>Total</i>	<i>17</i>	<i>Total</i>	<i>17</i>
Year 3 - Fall	Credits	Year 3 - Spring	Credits
MATH 3332	3	MATH 3322 or MATH 3324	3
MATH 3204	3	MATH 3261 or MATH 3262	3
MATH 3260	3	MATH 4361	3
Free Elective	4	MATH Elective (IS 3100 is Recommended)	3
Free Elective	3		
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>12</i>
Year 4 - Fall	Credits	Year 4 - Spring	Credits
MATH 4381	3	MATH 4382	3
MATH 4391	3	MATH 3496 or MATH 4596	3
MATH 4260	3	MATH 4362	3
IS 7005	3	IS 7060	3
IS 7080	3		
<i>Total</i>	<i>15</i>	<i>Total</i>	<i>12</i>
Year 5 - Fall	Credits	Year 5 - Spring	Credits
IS 7310	3	IS 7100	3
IS 7320	3	IS 7200	3
IS 7920 (can be taken during summer)	3	IS 7935	3
		IS 7330	3
<i>Total</i>	<i>9</i>	<i>Total</i>	<i>12</i>
		Pathway Total	141

Undergraduate Program Name: Mathematics, BS, with Concentration in Applied and Computational Mathematics (2021)

Graduate Program Name: Information Systems MSIS

Double Owl Scholars will NOT take the following Mathematics, BS courses:	In their place, Double Owl Scholars will take the following Information Systems MS courses:
Related Studies	IS 7005 Informatics
Related Studies	IS 7060 Database Application Design and Implementation
Related Studies	IS 7080 IS Development Methods and Technologies

Year 1 - Fall	Credits	Year 1 - Spring	Credits
GenEd A1 (ENGL 1101)	3	GenEd A1 (ENG 1102)	3
GenEd A2 (MATH 1113)	3	GenEd B2	3
GenEd B1 (ECON 1000)	2	GenEd D1 (MATH 1190)	4
GenEd C1	3	GenEd E2	3
GenEd E1	3	CSE 1321/L	4
<i>Total</i>	<i>14</i>	<i>Total</i>	<i>17</i>
Year 2 - Fall	Credits	Year 2 - Spring	Credits
MATH 2202	4	MATH 2203	4
SCM 2000	3	MATH 2390	3
GenEd C2	3	MATH 2306	3
GenEd D2	4	GenEd D2	4
GenEd E3	3	GenEd E4	3
<i>Total</i>	<i>17</i>	<i>Total</i>	<i>17</i>
Year 3 - Fall	Credits	Year 3 - Spring	Credits
MATH 3332	3	MATH 3322 or MATH 3324	3
MATH 3204	3	MATH 3261	3
MATH 3260	3	MATH 3262	3
Free Elective	4	MATH 4361	3
MATH Elective (IS 3100 is Recommended)	3	Free Elective	3
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>15</i>
Year 4 - Fall	Credits	Year 4 - Spring	Credits
MATH 4381	3	MATH 4382 or MATH 4362	3
MATH 4310	3	MATH 4391	3
IS 7005	3	MATH 4260	3
IS 7080	3	IS 7060	3
<i>Total</i>	<i>12</i>	<i>Total</i>	<i>12</i>
Year 5 - Fall	Credits	Year 5 - Spring	Credits
IS 7310	3	IS 7100	3
IS 7320	3	IS 7200	3
IS 7920 (can be taken during summer)	3	IS 7935	3
		IS 7330	3
<i>Total</i>	<i>9</i>	<i>Total</i>	<i>12</i>
		Pathway Total	141

Undergraduate Program Name: B.S. in Mathematics with Concentration in Discrete Mathematics and Operations Research (2021)

Graduate Program Name: Information Systems MSIS

Double Owl Scholars will NOT take the following Mathematics, BS courses:	In their place, Double Owl Scholars will take the following Information Systems MS courses:
Related Studies	IS 7005 Informatics
Related Studies	IS 7060 Database Application Design and Implementation
Related Studies	IS 7080 IS Development Methods and Technologies

Year 1 - Fall	Credits	Year 1 - Spring	Credits
GenEd A1 (ENGL 1101)	3	GenEd A1 (ENG 1102)	3
GenEd A2 (MATH 1113)	3	GenEd B2	3
GenEd B1 (ECON 1000)	2	GenEd D1 (MATH 1190)	4
GenEd C1	3	GenEd E2	3
GenEd E1	3	CSE 1321/L	4
<i>Total</i>	<i>14</i>	<i>Total</i>	<i>17</i>
Year 2 - Fall	Credits	Year 2 - Spring	Credits
MATH 2202	4	MATH 2203	4
SCM 2000	3	MATH 2390	3
GenEd C2	3	MATH 2306	3
GenEd D2	4	GenEd D2	4
GenEd E3	3	GenEd E4	3
<i>Total</i>	<i>17</i>	<i>Total</i>	<i>17</i>
Year 3 - Fall	Credits	Year 3 - Spring	Credits
MATH 3332	3	MATH 3322	3
MATH 3204	3	MATH 3324	3
MATH 3260	3	MATH 3272	3
Free Elective	3	MATH 3261 or MATH 3262	3
Free Elective	4	MATH Elective (IS 3100 is Recommended)	3
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>15</i>
Year 4 - Fall	Credits	Year 4 - Spring	Credits
MATH 4361	3	MATH 4382 or MATH 4362	3
MATH 4381	3	MATH 4260	3
ISYE 4200	3	IS 7060	3
IS 7005	3		
IS 7080	3		
<i>Total</i>	<i>15</i>	<i>Total</i>	<i>9</i>
Year 5 - Fall	Credits	Year 5 - Spring	Credits
IS 7310	3	IS 7100	3
IS 7320	3	IS 7200	3
IS 7920 (can be taken during summer)	3	IS 7935	3
		IS 7330	3
<i>Total</i>	<i>9</i>	<i>Total</i>	<i>12</i>
		Pathway Total	141

Undergraduate Program Name: B.S. in Mathematics with Minor in Statistics (2021)

Graduate Program Name: Information Systems MSIS

Double Owl Scholars will NOT take the following Mathematics, BS courses:	In their place, Double Owl Scholars will take the following Information Systems MS courses:
Related Studies	IS 7005 Informatics
Related Studies	IS 7060 Database Application Design and Implementation
Related Studies	IS 7080 IS Development Methods and Technologies

Year 1 - Fall	Credits	Year 1 - Spring	Credits
GenEd A1 (ENGL 1101)	3	GenEd A1 (ENG 1102)	3
GenEd A2 (MATH 1113)	3	GenEd B2	3
GenEd B1 (ECON 1000)	2	GenEd D1 (MATH 1190)	4
GenEd C1	3	GenEd E2	3
GenEd E1	3	CSE 1321/L	4
<i>Total</i>	<i>14</i>	<i>Total</i>	<i>17</i>
Year 2 - Fall	Credits	Year 2 - Spring	Credits
MATH 2202	4	MATH 2203	4
SCM 2000	3	MATH 2390	3
GenEd C2	3	MATH 2306	3
GenEd D2	4	GenEd D2	4
GenEd E3	3	GenEd E4	3
<i>Total</i>	<i>17</i>	<i>Total</i>	<i>17</i>
Year 3 - Fall	Credits	Year 3 - Spring	Credits
MATH 3332	3	MATH 3322 or MATH 3324	3
MATH 3204	3	MATH 3161 or MATH 3262	3
MATH 3260	3	Stat minor course	3
Free Elective	3	Stat minor course	3
Free Elective	4	MATH Elective (IS 3100 is Recommended)	3
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>15</i>
Year 4 - Fall	Credits	Year 4 - Spring	Credits
MATH 4361	3	Stat minor course	3
MATH 4381	3	Stat minor course	3
IS 7005	3	Stat minor course	3
IS 7080	3	IS 7060	3
<i>Total</i>	<i>12</i>	<i>Total</i>	<i>12</i>
Year 5 - Fall	Credits	Year 5 - Spring	Credits
IS 7310	3	IS 7100	3
IS 7320	3	IS 7200	3
IS 7920 (can be taken during summer)	3	IS 7935	3
		IS 7330	3
<i>Total</i>	<i>9</i>	<i>Total</i>	<i>12</i>
		Pathway Total	141